



February 13, 2017

Mr. Patrick Schanen
LOS ANGELES UNIFIED SCHOOL DISTRICT
Office of Environmental Health and Safety
333 S. Beaudry Avenue, 28th Floor
Los Angeles, California 90017

Re: Preliminary Environmental Assessment Equivalent Investigation Report, Thomas Jefferson High School Comprehensive Modernization, 1319 E. 41st Street, Los Angeles, California 90255
Alta Environmental Project No.: LAUS-16-6101

Dear Mr. Schanen:

Alta Environmental is pleased to present this Preliminary Environmental Assessment Equivalent (PEA-E) Report for the Thomas Jefferson High School comprehensive modernization. Please refer to the report for our findings and conclusions.

If you have any questions, please call me at (562) 495-5777.

For and on behalf of Alta Environmental,

A handwritten signature in blue ink, appearing to read "Eric Fraske", is written over a light blue horizontal line.

Eric Fraske

Senior Project Manager/Senior Engineer III



PRELIMINARY ENVIRONMENTAL ASSESSMENT - EQUIVALENT REPORT

Thomas Jefferson High School Comprehensive
Modernization
1319 E. 41st Street
Los Angeles, California 90011

Prepared for

Los Angeles Unified School District
Office of Environmental Health and Safety
333 South Beaudry Avenue, 28th Floor
Los Angeles, California 90012

Project No.: LAUS-16-6101
Date: February 13, 2017

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EXECUTIVE SUMMARY

A Preliminary Environmental Assessment Equivalent (PEA-E) for the Thomas Jefferson High School comprehensive modernization area located on the northern portion of the High School (the "Site") was conducted by Alta Environmental on behalf of the Los Angeles Unified School District Office of Environmental Health and Safety (LAUSD-OEHS).

The Site is an active high school campus made up of five adjacent parcels (Los Angeles County Tax Assessor Parcel Numbers: 5114-036-900, -901, -902, -903, -904) that total approximately 18.5 acres. The Site is bound by residential homes to the north, Compton Avenue to the east, E. 41st Street to the South, and Hooper Avenue to the west.

The Site is currently occupied by a single campus used by three schools: Thomas Jefferson High School, which has occupied the site since 1915/1916; and Student Empowerment Academy Charter and Nava College and Preparatory Academy, which have occupied the property since 2006 and 2014, respectively. The on-site buildings include a main academic and office building, auditorium, science building, cafeteria, two gymnasiums, a boiler house, arts and shops buildings, and former industrial arts buildings, as well as modular classroom buildings, storage sheds, greenhouse, covered structures, and ancillary structures (athletic, ROTC, parent's center, etc.). The northwest quarter of the subject property is developed with athletic tracks and fields and associated structures, tennis courts, and a garden area. The remainder of the property is developed with lawns and paved courtyards, assembly areas, and walkways with associated landscaping.

Previous Investigations

Previous investigations concerning the Site included the following:

- Partner Engineering and Science, Inc. (Partner) completed a Phase I ESA for the Site in May 2016. A summary of the Recognized Environmental Conditions (RECs) identified during the Phase I ESA (Partner, 2016a) and Partner's recommendations are summarized below.

Recognized Environmental Conditions

The Phase I ESA identified the following RECs:

- The subject property operated on-site industrial arts classrooms including auto engine and auto body repair. The subject property is equipped with two below-grade hydraulic lifts located within the south end of the former industrial arts building and with a spray booth on the north end of the building. The lifts were reported installed during building construction in the 1960s and the spray booth was installed in the 1980s. Soil sampling in the area of the lifts and spray booth was recommended to evaluate the potential for releases of hydraulic oil, paints, or solvents to have impacted soil.
- Three oil/water separators (clarifiers) are located to the north and east of the industrial arts building and are connected to floor drains in the spray booth and in the repair areas. Soil sampling in the area of the clarifiers was recommended to evaluate the potential for releases of oil or other petroleum based substances, and solvents to have impacted soil.
- There is one recently used shop area in the industrial arts building that previously was used for metal, electrical, wood-working, and printing classrooms and historic shop areas located south of the current industrial arts building and in the original 1916 science and arts buildings that occupied the current

location of the Academic Building prior to 1933. Based on the age of the historic shop buildings dating to 1920 or earlier, there is potential for septic tanks, sumps, or clarifiers to remain in these areas.

- Two hazardous materials storage enclosures containing 55-gallon drums of gasoline and diesel fuel are located to the west of the current arts building and one former hazardous waste storage enclosure used to store waste oil, filters, and coolant in 55-gallon drums is located to the east of the industrial arts building. These structures date to the 1950s or 1960s and potential exists for releases from these storage areas to have impacted soil.
- Two historical paint storage buildings were identified to the north and northwest of the boiler house. Potential exists that releases of paints or solvents in these locations has impacted soil,
- The boiler house building was constructed in 1916 and formerly housed fuel oil boilers and an incinerator. The potential exists that fuel oil ASTs and/or USTs were present beneath or near the building and that spillage or leakage from historical fuel storage has impacted soil.
- The northeastern portion of the subject property is used for a garden and appears to have been since prior to original site development in 1915/1916. Additionally, the center and the northeastern quarter of the property appear to have been used for agriculture until the 1950s or 1960s. Organochlorine pesticides may have been used historically in these areas.
- The potential exists for residual arsenates in soil and under pavement from application of arsenic based herbicides, based on experience at other LAUSD school sites of similar age.
- Due to the age of the on-site structures and historical use of the property for agriculture, lead, arsenic, and organochlorine pesticides in soil testing was recommended in accordance with the Department of Toxic Substances Control (DTSC) "Interim Guidance Evaluation of School Sites With Potential Soil Contamination as a Results of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers revised June 9, 2006."

Recommendations

Based on the conclusions of the Phase I ESA, the following was recommended:

A Preliminary Environmental Assessment (PEA) Equivalent was recommended to evaluate and investigate the identified RECs, and determine whether soil and/or groundwater has been impacted due to the historical use of the subject property.

PEA Scoping Document

Based on findings and recommendations of the Partner Phase I ESA of the Site, additional Site investigation activities to evaluate the potential for hazardous material releases, and preparation of a PEA Scoping Document was recommended. A PEA Scoping Document (Partner, 2016b) was prepared that outlines the sampling and analysis program developed to characterize the Site due to onsite potential areas of concern. Offsite areas of potential concern and hazardous building materials (lead-based paint and asbestos) were not addressed as part of the PEA Scoping Document. The PEA Scoping Document was approved by the LAUSD on May 27, 2016 and is presented in Appendix A.

Preliminary Environmental Assessment

Alta Environmental conducted the PEA sampling and analysis program between July through November 2016. The sampling and analysis program consisted of 106 primary borings (SS1 through SS106) to evaluate potential contaminants of potential concern (COPCs) concentrations in shallow soils throughout the Site. One-hundred-thirty additional step-out borings were required to further assess lead and/or arsenic concentrations in shallow soils. The lateral and vertical extent of lead and arsenic concentrations exceeding the DTSC screening levels was successfully defined by step-out and step-down soil sampling, and confirmed by fixed laboratory analysis.

Findings and Conclusions

Based on the soil matrix sampling conducted during the PEA, Alta makes the following conclusions:

- Soil samples were collected throughout the Site at various depths and analyzed for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), arsenic, lead, and Title 22 metals. While several analytes were found at levels in excess of laboratory detection limits, only lead and arsenic were identified in soil samples in excess of residential screening levels.
- A Human Health Screening Evaluation was conducted to estimate the cumulative carcinogenic risk and hazard index posed to Site occupants by contact with lead, arsenic, or chlordane impacted soils. The cumulative carcinogenic risk based on the maximum concentrations of COPC's identified at the site is 1.92E-03. This value exceeds the DTSC's target risk value of 1E-06. The estimated hazard index of 6.34E+01 is also above the benchmark level for noncancer effects (1.0).
- Thirty-one areas with shallow soil impacted by lead and/or arsenic in excess of residential screening levels were identified throughout the campus. The shallow soil sampling for lead and arsenic in soil was able to achieve lateral and vertical definition of areas of impact at the Site. The total estimated amount of impacted soil at the Site is estimated to be approximately 229.04 cubic yards.

Recommendations

Based on the conclusions of this PEA investigation, Alta makes the following recommendation:

- Develop a Removal Action Workplan (RAW) for the Site. The RAW will address shallow soils impacted with lead and/or arsenic in the areas located throughout the campus.

1 INTRODUCTION

This document presents the results of the Preliminary Environmental Assessment Equivalent (PEA-E) performed by Alta Environmental for the Los Angeles Unified School District - Office of Environmental Health and Safety (LAUSD-OEHS). The scope of work for this project is based on the findings and recommendations presented in the *Phase I Environmental Site Assessment Report* (Phase I ESA) prepared by Partner Engineering (Partner) in May 2016 (Partner, 2016a) for the Thomas Jefferson High School Comprehensive Modernization areas located on the northern portion of the existing Thomas Jefferson High School campus (Site). A Site Location Map is presented as Figure 1. This investigation is also based on Partner's *PEA-E Workplan, Thomas Jefferson High School, 1319 E. 41st Street, Los Angeles, California 90011* dated May 27, 2016 (Partner, 2016b), submitted to LAUSD-OEHS. The scope of work implemented during this PEA investigation included: shallow soil sampling and analysis for lead-based paint (LBP) and arsenic from existing and historical on-site structures as well from application of pesticides; and soil matrix sampling and analysis for potential impacts from hydraulic lifts, wastewater clarifiers, gasoline and diesel fuel use and storage, and historical uses of solvents and petroleum products. This PEA does not include an assessment for asbestos-containing materials (ACM) or other hazardous building materials at the Site.

2 SITE DESCRIPTION

2.1 Site Identification Information

The Site is an active high school campus made up of five adjacent parcels (Los Angeles County Tax Assessor Parcel Numbers: 5114-036-900, -901, -902, -903, -904) that total approximately 18.5 acres. The Site is bound by residential homes to the north, Compton Avenue to the east, E. 41st Street to the South, and Hooper Avenue to the west.

The Site is currently occupied by a single campus used by three schools: Thomas Jefferson High School, which has occupied the site since 1915/1916; and Student Empowerment Academy Charter and Nava College and Preparatory Academy, which have occupied the property since 2006 and 2014, respectively. The on-site buildings include a main academic and office building, auditorium, science building, cafeteria, two gymnasiums, a boiler house, arts and shops buildings, and former industrial arts buildings, as well as modular classroom buildings, storage sheds, greenhouse, covered structures, and ancillary structures (athletic, ROTC, parent's center, etc.). The northwest quarter of the subject property is developed with athletic tracks and fields and associated structures, tennis courts, and a garden area. The remainder of the property is developed with lawns and paved courtyards, assembly areas, and walkways with associated landscaping.

2.2 Site Topography

2.2.1 Topographic Setting

The Site is situated approximately 205 feet above mean sea level (Partner, 2016a) in the City of Los Angeles, Los Angeles County, California. The area is characterized by a combination of residential, commercial/industrial, public park development areas, and public roads and freeways. Although the topography of the Site is relatively flat, the Site has a slight topographic gradient to the southwest.

2.2.2 Nearest Surface Water Body

The nearest surface water body to the Site is the Los Angeles River, located approximately 1.5 miles east of the Site (Figure 1).

2.2.3 Nearest Location of Ecological Interest

No areas of ecological interest were identified on or near the subject property (Partner 2016a).

2.3 Geology and Hydrogeology

2.3.1 Geology

Per the Phase I ESA (Partner, 2016a), The subject property is situated within the northern portion of the Downey Plain in the Los Angeles Basin in the Transverse Ranges physiographic province of the State of California. The Downey Plain consists of recent alluvial deposits to the southwest of the Los Angeles River that overlie an older weathered surface. Soils in the site vicinity are generally described as Quaternary age sediments, primarily younger floodplain and stream deposits of recent alluvium and Pleistocene-age Lakewood Formation. The sediments are generally loose to dense sands, silty sands, and silts with some clayey zones. The uppermost geologic formation underlying the soils at the subject property is the Pleistocene Age Beaumont formation. The Beaumont formation comprises the underlying stratigraphy and consists mostly of clay, silt and sand deposited in stream channel, point bar, and fluvial environments. The thickness of the Beaumont formation is estimated to be over 200 feet. The Beaumont formation is underlain by the Lissie and Willis formations, which are estimated to be a total of approximately 300 feet thick.

During this PEA investigation, soil-matrix sampling identified the shallow soils at the Site to consist of combinations of silts and sands to the maximum explored depth of 10.5 feet below ground surface (bgs).

2.3.2 Hydrogeology

According to topographic map interpretation presented in the Phase I ESA (Partner, 2016b), the direction of groundwater in the vicinity of the Site is inferred to flow toward the southwest. The nearest surface water in the vicinity of the subject property is the Los Angeles River located approximately 1.5 mile east of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the Site during this assessment.

According to depth to groundwater information published in the Phase I ESA (Partner, 2016a), depth to the water table is anticipated to be greater than 100 feet bgs.

3 BACKGROUND

3.1 Site Status and History

The Site is currently occupied by a single campus used by three schools: Thomas Jefferson High School, which has occupied the site since 1915/1916; and Student Empowerment Academy Charter and Nava College and Preparatory Academy, which have occupied the property since 2006 and 2014, respectively. The on-site buildings include a main academic and office building, auditorium, science building, cafeteria, two gymnasiums, a boiler house, arts and shops buildings, and former industrial arts buildings, as well as modular classroom buildings, storage sheds, greenhouse, covered structures, and ancillary structures

(athletic, ROTC, parent's center, etc.). The northwest quarter of the subject property is developed with athletic tracks and fields and associated structures, tennis courts, and a garden area. The remainder of the property is developed with lawns and paved courtyards, assembly areas, and walkways with associated landscaping.

Historical records presented in the Phase I ESA indicated that the property was undeveloped as late as 1850. Between 1880 and 1912, the property was cultivated for agricultural use. By 1915, a stadium had been constructed on the Site. By 1916, portions of the present-day Thomas Jefferson High School had been constructed at the Site. The Site has subsequently continually operated as a High School.

3.1.1 Current Uses of Surrounding Properties

The site is located within an area developed for a combination of commercial and residential use. The properties surrounding the Site are summarized below:

- **North:** Residences to the north and to the south of East 33rd Street (1314-1398 East 33rd Street and 3307-3313 Compton Avenue) and East 33rd Street beyond which is a truck storage yard Daylight Transport LLC (3200 Hooper Avenue)
- **South:** East 41st Street beyond which are residences (1302 and 1326 41st Street), La Favorita Market (1320 41st Street), and Morning Star Baptist Church (1334 East 41st Street)
- **East:** Compton Avenue, beyond which are Neighborhood Meat Market (3220 Compton Avenue) and Don Lee Farms and ProPortion Foods (4010-4020 Compton Avenue); and residences (3310 Compton Avenue, 1500 East 33rd Street, and 1502-1503 Martin Luther King Jr. Blvd.)
- **West:** Hooper Avenue beyond which are Jae's Market (3323 Hooper Avenue) and residences (3313, 3409, 3415, 3425, 3503, 3509, 3517, 4019, and 4051 Hooper Avenue, 1285-86 E Martin Luther King Jr. Blvd, 1290-91 E 40th Place, 1292-93 E 41st Street, 1272 E 34th Street)

3.2 Hazardous Material/Substance/Waste Management Information

Previous investigations concerning the Site included the following:

3.2.1 Business/Manufacturing Activities

The site has been developed as a High School since as early as 1916. While no business or commercial manufacturing activities are conducted at the property. Small quantities of hazardous wastes have historically been generated at the Site as a result of activities including industrial arts and auto shop classes, art classes (paint), and general operations and maintenance of the school campus.

3.2.2 Onsite Storage, Treatment, and Disposal

As detailed in the Phase I ESA (Partner, 2016a), hazardous materials noted to be stored at the Site included, Gasoline (one 55-gallon drum), diesel fuel (one 55-gallon drum), paints (various one and five gallon containers), oil (several quart size containers), and printing press blanket wash (one five-gallon container). The materials were noted to be properly labeled and stored at the time of the site assessment with no signs of leaks, stains, or spills.

3.2.3 Regulatory Status

As discussed in the Phase I ESA (Partner, 2016a), the subject property is identified as a HAZNET, RCRA SQG, FINDS, CHMIRS, and ECHO site in the regulatory database report, as discussed below:

The subject property, identified as LAUSD Jefferson High School at 1319 East 41st Street is identified as an RCRA SQG as of 1987 and no additional information or violations are reported. The listings are likely associated with generation of waste oil, paints and other materials reported generated from on-site industrial arts shops and from maintenance activities. The FINDS and ECHO listings do not reveal any additional information or entries of releases or violations. The CHMIRS entry indicates 800 gallons of sewage was released to a nearby storm drain as a results of a main line sewer blockage on November 21, 2014. The HAZNET listings indicate the subject property has generated hazardous wastes for offsite disposal under manifest of approximately one ton of unreported hazardous wastes in 2013, asbestos-containing waste in 2009 and 2011, 3.8 tons of waste oil and mixed oil, 0.86 ton of latex waste, and 0.1 ton of laboratory waste chemicals in 2010; 0.418 ton of waste and mixed oil, asbestos waste and other inorganic solid waste in 2009 as well as 297.36 tons of contaminated soil from a site cleanup in 2009, likely associated with the development of the northwest corner of the property with the wellness center and charter school buildings. 45.2 tons of asbestos-containing waste was removed in 2008, and 561.3 tons of other inorganic solid waste, 63.72 tons of contaminated soil from site cleanup, unspecified aqueous solution, and waste oil and mixed oil was removed in 2007. Asbestos containing waste was removed in 2006, waste oil and mixed oil in 2005, other inorganic solid waste in 0.13, off-specification, aged or surplus organic and photochemical/photo-processing waste in 2004, asbestos waste in 2003, waste oil and mixed oil in 2002, off-specification, aged or surplus organics and oil containing waste in 2001, other organic solids, asbestos waste and PCBs in 2000, and asbestos waste, waste oil and other organic solids in 1999; and photochemical/photo-processing waste in 1993 to 1998; and asbestos waste in 1993 and 1994.

Based on the absence of information suggesting a release and reported prior removal of impacted soil, this listing is not expected to represent a significant environmental concern.

The subject property identified as Jefferson Continuation High School at 33rd Street and Hooper Avenue is identified as a school investigation site with a status of inactive-withdrawn

3.2.1 Prior Assessments/Remediation

Alta Environmental was not provided with reports of prior assessment or remediation at the Site.

3.2.2 Summary of Phase I ESA Findings

Recognized environmental conditions (RECs) identified during the Phase I ESA (Partner, 2016a) are summarized below.

3.2.3 RECs

The Phase I ESA identified the following RECs:

- The subject property operated on-site industrial arts classrooms including auto engine and auto body repair. The subject property is equipped with two below-grade hydraulic lifts located within the south end of the former industrial arts building and with a spray booth on the north end of the building. The lifts were reported installed during building construction in the 1960s and the spray booth was installed

in the 1980s. Soil sampling in the area of the lifts and spray booth was recommended to evaluate the potential for releases of hydraulic oil, paints, or solvents to have impacted soil.

- Three oil/water separators (clarifiers) are located to the north and east of the industrial arts building and are connected to floor drains in the spray booth and in the repair areas. Soil sampling in the area of the clarifiers was recommended to evaluate the potential for releases of oil or other petroleum based substances, and solvents to have impacted soil.
- There is one recently used shop area in the industrial arts building that previously was used for metal, electrical, wood-working, and printing classrooms and historic shop areas located south of the current industrial arts building and in the original 1916 science and arts buildings that occupied the current location of the Academic Building prior to 1933. Based on the age of the historic shop buildings dating to 1920 or earlier, there is potential for septic tanks, sumps, or clarifiers to remain in these areas.
- Two hazardous materials storage enclosures containing 55-gallon drums of gasoline and diesel fuel are located to the west of the current arts building and one former hazardous waste storage enclosure used to store waste oil, filters, and coolant in 55-gallon drums is located to the east of the industrial arts building. These structures date to the 1950s or 1960s and potential exists for releases from these storage area to have impacted soil.
- Two historical paint storage buildings were identified to the north and northwest of the boiler house. Potential exists that releases of paints or solvents in these locations has impacted soil,
- The boiler house building was constructed in 1916 and formerly housed fuel oil boilers and an incinerator. The potential exists that fuel oil ASTs and/or USTs were present beneath or near the building and that spillage or leakage from historical fuel storage has impacted soil.
- The northeastern portion of the subject property is used for a garden and appears to have been since prior to original site development in 1915/1916. Additionally, the center and the northeastern quarter of the property appear to have been used for agriculture until the 1950s or 1960s. Organochlorine pesticides may have been used historically in these areas.
- The potential exists for residual arsenates in soil and under pavement from application of arsenic based herbicides, based on experience at other LAUSD school sites of similar age.
- Due to the age of the on-site structures and historical use of the property for agriculture, lead, arsenic, and organochlorine pesticides in soil testing is recommended in accordance with the Department of Toxic Substances Control (DTSC) "Interim Guidance Evaluation of School Sites With Potential Soil Contamination as a Results of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers revised June 9, 2006."

3.2.4 Phase I ESA Recommendations

Based on the conclusions of the Phase I ESA, the following was recommended:

A Preliminary Environmental Assessment (PEA) Equivalent was recommended to evaluate and investigate the identified RECs, and determine whether soil and/or groundwater has been impacted due to the historical use of the subject property.

3.3 PEA Scoping Document

Based on findings and recommendations of the Partner Phase I ESA of the Site, additional Site investigation activities to evaluate the potential for hazardous material releases, and preparation of a PEA Scoping Document was recommended. A PEA Scoping Document (Partner, 2016b) was prepared that outlines the sampling and analysis program developed to characterize the Site due to onsite potential areas of concern. Offsite areas of potential concern and hazardous building materials (lead-based paint and asbestos) were not addressed as part of the PEA Scoping Document. The PEA Scoping Document was approved by the LAUSD on May 27, 2016 and is presented in Appendix A.

4 APPARENT PROBLEM

4.1 Objectives

The objectives of the PEA equivalent are as follows:

- Determine through a field sampling and analysis program whether historical uses of the Site have resulted in the presence of hazardous materials in soil at the Site, and if so, the concentrations and spatial extent of the hazardous materials.
- Assess the potential threat to public health and the environment from any hazardous materials on the Site using a residential land use scenario.

4.2 Scope of Work

The PEA equivalent scope of work implemented to prepare this PEA included:

- Preparation of a Site-specific Health and Safety Plan (HASP);
- Preparation and posting of a field notice (English and Spanish) at the Site.
- Implementing field and laboratory data collection and evaluation to assess environmental conditions at the Site, including field-based adjustments to the scope of work initially outlined in the PEA Scoping Document (Partner, 2016b). This scope of work included:
 - Shallow soil sampling at 106 locations for potential LBP, arsenic, OCPs, limited PCBs and at some locations (as directed in the PEA Scoping Document), VOCs, TPH, and Title 22 metals.
 - Advancement of soil borings to depths of 10 feet bgs at eight selected locations throughout the site to address potential impact from three on-site clarifiers and in-ground hydraulic lifts. Collected soil samples in these areas were analyzed for TPH, VOCs, and PCBs, as defined in the PEA Scoping Document.
- Preparation of this report.

Based on field results and in consultation with the LAUSD-OEHS, the sampling and analysis program was adjusted to complete the PEA equivalent investigation. Refer to Section 8 for a discussion and rationale of the field variances. The overall field and laboratory program conducted under the oversight of the LAUSD-OEHS from July through November 2016, included the following:

- A total of 106 borings (SS1 through SS106) for shallow soil sampling purposes were advanced throughout the Site;
- One-hundred thirty additional step-out shallow soil sample boring locations throughout the Site were required to further assess lead and/or arsenic concentrations in shallow soils.

The samples collected for chemical analysis included the following:

- A total of 346 primary and 36 duplicate soil samples were analyzed for lead by EPA Method 6010B;
- A total of 125 primary and 12 duplicate soil samples were analyzed for arsenic by EPA Method 6020;
- A total of 24 primary composite and 2 duplicate composite soil samples were analyzed for OCPs by EPA Method 8081A;
- A total of 9 primary discrete soil samples were analyzed for OCPs by EPA Method 8081A;
- A total of 43 primary soil samples and 4 duplicate soil samples were analyzed for PCBs by EPA Method 8082;
- A total of 8 primary soil samples and 1 duplicate soil sample were analyzed for Title 22 Metals by EPA Method 6010B and 7471A;
- A total of 42 primary soil samples and 4 duplicate soil samples were analyzed for Petroleum Hydrocarbons by EPA Method 8015M;
- A total of 44 primary soil samples and 4 duplicate soil samples were analyzed for VOCs by EPA Method 8260B;

5 ENVIRONMENTAL SETTING

A description of the Site's general environmental setting (topography, geology, hydrogeology) is presented in Section 2 of this report. This information was used to develop a preliminary Conceptual Site Model (CSM), discussed below.

5.1 Conceptual Site Model

A Conceptual Site Model (CSM) detailing the fate and transport of PCOC was prepared and is presented as Figure 9. Consistent with agency guidance for baseline risk assessments, it was assumed that the Site was uncovered and that bare soils were available for contact. However, once the Site is developed it is anticipated that the current ground surface will be covered mostly with pavement with some grass. Children attending school at the Site in the future may be exposed to Site chemicals through incidental ingestion, dermal contact, and inhalation of particulates from chemicals in soil. In accordance with PEA guidance, exposures to chemicals at the Site were evaluated assuming residential exposures.

5.2 Factors Related to Soil Pathways

The site is generally flat and at the grade as neighboring properties. The shallow subsurface soils (surface to 10.5 feet bgs) at the site were observed to primarily consist of combinations of silts and sands.

Access to the site is restricted through perimeter chain link fencing and security gates. For the purpose of risk assessment and screening it was assumed the Site was uncovered and that bare soils were available for contact. However, once the Site is developed it is anticipated that the current ground surface will be covered mostly with pavement with some grass.

5.3 Factors Related to Water Pathways

According to well information published on the Los Angeles County Department of Public Works Webpage, no active groundwater production wells are located within one-mile of the Site. A non-production measurement well (Well Number 1460X) is located approximately one-mile southeast of the Site.

Based on hydrology data presented in the Phase I ESA (Partner, 2016a), groundwater is anticipated to be present in the vicinity of the Site at depths of greater than 100 feet bgs.

Based on the depth to groundwater, nature of the identified COPCs, distance to nearest groundwater well, and limited vertical extent of soil impact (See section 6), the potential for a release at the Site to impact groundwater is minimal and therefore not considered to represent a complete exposure pathway.

5.4 Factors Related to Air Pathways

Exposure pathways related to inhalation risks of COPCs are further discussed in Section 7.2.2 of this report. Release mechanisms considered during this assessment include fugitive dust inhalation from construction activities.

6 SAMPLING ACTIVITIES AND RESULTS

6.1 Summary of Activities

6.1.1 Health and Safety Plan Preparation

Alta Environmental prepared a site-specific HASP, which was implemented per Occupational Safety and Health Administration (OSHA) requirements (29 CFR 1910.120) to address the field investigation activities. An on-site health and safety officer was responsible for implementation of the HASP. A health and safety meeting was conducted at the beginning of each day of fieldwork. Field personnel were required to review and sign the HASP before beginning any fieldwork. A copy of the HASP is presented in Appendix B.

6.1.2 Field Work Notices

Approximately three days prior to beginning of the fieldwork, a notification of the PEA investigation was prepared in English and Spanish and distributed in accordance with DTSC guidelines for informing the community surrounding the Site. The proposed PEA field activities and contact information was provided on the notice. It was distributed to the onsite staff and students and any residences and businesses within line of sight of the work activities. In addition, copies of the notices were posted at conspicuous locations along the perimeter of the Site. Copies of the field notices are provided in Appendix C.

6.1.3 Site Reconnaissance and Utility Notification

Alta Environmental pre-marked all proposed drilling locations and notified Underground Service Alert (USA) at least 48 hours before commencing any drilling activities at the Site. USA notified companies and agencies that may have had underground utilities in the vicinity to mark their respective utilities on the ground with spray paint so that they could be avoided during drilling.

6.1.4 Utility Clearance

Prior to each of the soil sampling events, Alta Environmental retained a geophysical survey contractor to clear the pre-marked sampling locations at the Site. Several geophysical methods were employed, including high-sensitivity metal detection, shallow-focus terrain conductivity, ground-penetrating radar, and electromagnetic utility locating equipment. Detected subsurface features were marked on the ground with paint in a color code established by the American Public Works Association.

6.1.5 Shallow Soil Sampling

The shallow soil sampling program consisting of a total of 106 initial boring locations, was conducted between June and July 2016. Subsequent step-out sampling events (130 additional shallow borings) were conducted in between July and November of 2016 to delineate lead and arsenic impacted areas identified in the shallow soils.

Collected soil samples in these areas were analyzed for arsenic, lead, Title 22 Metals, petroleum hydrocarbons, VOCs, and PCBs as defined on the PEA Scoping Document (Partner, 2016b). The sampling methods and rationale were implemented in accordance with the PEA Scoping Document. The soil boring locations, sample depths, sample and analysis rationale are presented in Table 1 of the PEA Scoping Document (Appendix A). The soil matrix sample locations are provided on Figure 2 of this report.

The shallow soil sampling was conducted using hand auger sampling equipment. Samples were either collected using a core sampler lined with a two-inch diameter by six-inch long acetate sleeves that were subsequently sealed with polyurethane caps or were collected directly from the hand auger sampler and placed into laboratory supplied sample jars. After labelling and documentation, the soil matrix samples were stored in a chilled ice chest until they were transported to the laboratory. Hand auger and sampling equipment was decontaminated in the field prior to each sample collection.

If the primary sample at 0 – 0.5 foot below ground surface (bgs) was determined to have a COPC concentrations above the DTSC screening levels, step-down samples were analyzed at approximately 0.5- to 1-foot intervals until a depth interval was reached where the concentrations were less than screening levels or refusal was encountered. Lateral step-out sampling was conducted until the concentrations of COPCs were less than the screening level, the Site boundary was reached, a building foundation was reached, access was limited, or a subsurface utility obstruction was encountered.

The shallow soil sampling for lead and arsenic in soil was able to achieve lateral and vertical definition at the Site.

6.1.6 Soil Matrix Sampling

Based on the PEA Scoping Document (Partner, 2016b) the sampling and analysis program included the sampling of the soil matrix to assess potential impacts at eight locations (SS58-SS65) from on-site clarifiers

(3) and hydraulic lifts (2). Collected soil samples in these areas were analyzed for petroleum hydrocarbons, VOCs, and PCBs as defined on the PEA Scoping Document.

The soil matrix sampling was conducted using a direct-push drill rig with a core sampler lined with a two-inch diameter by four-foot long acetate sleeve. The acetate sleeves used to collect the samples were cut in six-inch long intervals and sealed with polyurethane caps. After labelling and documentation, the soil matrix samples were stored in a chilled ice chest until they were transported to the laboratory.

The soil matrix boring locations, sample depths, sample and analysis rationale are presented in Table 1 of the PEA Scoping Document (Appendix A). The soil matrix sample locations are provided on Figure 2 of this report.

6.2 Presentation of Data

All Enthalpy Analytical laboratory analytical reports and chain-of-custody documentation for samples submitted for fixed and mobile lab chemical analysis are presented in Appendix D. Analytical results are discussed in the following section.

6.3 Discussion of Results

6.3.1 Screening Levels

Where appropriate, the results are compared with regulatory limits for the chemicals and compounds identified in the applicable media.

- Concentrations of arsenic in shallow soils were compared to the DTSC's upper bound estimate (95th percentile) for background concentrations in Southern California (12 milligrams per kilogram [mg/kg]).
- Concentrations of lead in shallow soils were compared to the residential land use DTSC-Screening Level (DTSC-SL) published in the DTSC's Office of Human and Ecological Risk Office (HERO) Note 3.
- Concentrations of VOCs, OCPs, PCBs, and Title 22 Metals were compared to United States Environmental Protection Agency (USEPA) Region IX Regional Screening Levels (RSLs) for residential land use and DTSC-SLs, where applicable.
- Concentrations of petroleum hydrocarbons were compared to the Maximum Soil Screening Levels (MSSLs) established by the Los Angeles Regional Water Quality Control Board for soil where groundwater is present at depths of 20 to 150 feet below ground surface.

6.3.2 Shallow Soil – Lead and Arsenic

The results of the shallow soil lead and arsenic sampling for LBP residue and arsenates in soil are presented in Table 1. The primary and step-out boring locations are shown in Figures 2 through 8. The locations of where lead and arsenic concentrations were detected above the DTSC screening levels of 80 mg/kg and 12 mg/kg respectively are presented in Figures 2 through 8.

As discussed in Section 6.1.5., step-down and lateral step-out sampling was conducted until the detected lead and/or arsenic concentration were less than the DTSC screening levels of 80 mg/kg and 12 mg/kg respectively, the Site boundary was reached, a building foundation was reached, access was limited, or a subsurface utility obstruction was encountered. The shallow soil sampling for lead and arsenic in soil was able to achieve lateral and vertical definition for lead and arsenic at the Site.

6.3.3 STLC and TCLP Analysis – Lead and Arsenic

Twenty-seven (27) of the shallow samples with lead or arsenic above risk screening levels were analyzed to determine the Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) concentrations for waste characterization purposes.

The STLC results for lead impacted soil samples had concentrations of soluble lead ranging between 0.636 milligrams per liter (mg/L) to 83.7 mg/L. The concentrations of soluble lead in a majority of the lead impacted soil samples exceeded the California hazardous waste limit of 5 mg/L. These samples were also run for the federal soluble TCLP for classification of RCRA hazardous wastes. The TCLP results identified soluble lead concentrations ranging between 0.11 and 0.302 mg/l. All TCLP results were below the Federal RCRA hazardous waste classification concentration of 5 mg/L.

The STLC results for arsenic impacted soil samples had concentrations of soluble arsenic ranging between 0.16 milligrams per liter (mg/L) to 1.55 mg/L. The concentrations of soluble arsenic in the arsenic impacted soil samples did not exceed the California hazardous waste limit of 5 mg/L for soluble arsenic. These samples were also run for the federal soluble TCLP for classification of RCRA hazardous wastes. The TCLP results identified soluble arsenic concentrations ranging between 0.029 and 0.201 mg/l. All TCLP results were below the Federal RCRA hazardous waste classification concentration of 5 mg/L for soluble arsenic.

The soluble analysis (STLC and TCLP) results are presented in Table 2.

6.3.4 OCPs

The results of the OCP analysis of both composite and discreet soil samples collected during the shallow soil sampling program are presented in Table 3. No concentrations of OCPs in excess of their respective screening levels were identified.

6.3.5 PCBs

The results of the PCB analysis in soil matrix samples are presented in Table 4. Concentrations of PCB-1260 (0.0049J to 0.032J mg/kg) were detected in the samples collected at a depth of 0.5 feet bgs at five sample locations. However, these concentrations are below the residential screening level of 0.24 mg/kg. No other PCB concentrations were identified above laboratory detection limits.

6.3.6 Title 22 Metals

The results of the Title 22 metals analysis in soil matrix samples are presented in Table 5. While concentrations of 13 individual metals were detected above laboratory detection limits, no analytes were detected above their respective residential screening level, with the exception of the lead concentration (108 mg/kg) identified in the sample collected at location SS98 at a depth of 0.5 ft. bgs.

6.3.7 TPH and VOCs

The results of the TPH carbon chain and VOC analysis in soil matrix samples are presented in Tables 6 and 7, respectively.

Gasoline range petroleum hydrocarbons were not detected above laboratory detection limits in any of the analysed samples.

Concentrations of diesel range petroleum hydrocarbons (1.60 to 180 milligrams per kilogram [mg/kg]) were detected in 33 of the 46 analyzed samples. None of these concentrations exceeded the Maximum Soil Screening Level (MSSL) for diesel fuel of 1,000 mg/kg. Concentrations of oil range petroleum hydrocarbons (8.4 to 2,800 mg/kg) were detected in 34 of the 46 analyzed samples. None of these concentrations exceeded the MSSL for oil of 10,000 mg/kg.

Concentrations of several VOCs including: 1,2,4-trimethylbenzene, 2-butanone (MEK), 4-methyl-2-pentanone (MIBK), acetone, benzene, ethylbenzene, xylenes, methylene chloride, n-butylbenzene, tetrachloroethylene, and toluene were detected above laboratory detection limits. However, none of the detected analyte concentrations exceeded their respective Regional Screening Level (RSL) or Department of Toxic Substance Control – Modified Screening Level (DTSC-SL).

6.3.8 Areas of Impacted Soils

Based on the results of the shallow soil sampling, the Site has been determined to be impacted by lead and arsenic above soil screening levels. Based on the analytical results, the vertical extent of the impact is generally limited to the upper 1 foot of soils, with the exception of five areas (SS101, SS77, SS76, SS27C, and SS2) where the vertical extent of impact extends to a depth of approximately 2-feet bgs.

Additional characterization determined that some of the lead-impacted soils would be classified as a Non-RCRA (California-regulated) hazardous waste for disposal. The areas of lead and/or arsenic impacted soils are presented in Figure 3 through 8. The estimated volumes of impacted soils are also summarized in Table 8.

Alta calculated the 95% Upper Confidence Level (UCL) for arsenic and lead in soils for both pre- and post-excavation scenarios. A summary of these results are presented as Table 9. Assuming that all soils containing lead or arsenic are successfully excavated and removed from the Site, the 95% UCL for both constituents will be well below their respective residential screening levels.

6.4 Quality Assurance / Quality Control (QA/QC) Measures

QA/QC measures employed during this assessment are further discussed below.

In-field quality control procedures included the use of clean disposable latex/nitrile gloves when collecting and handling each sample, decontamination of all non-dedicated drilling and sampling equipment between each sample being collected to prevent cross-contamination (the verification of which is served by equipment blanks), and the immediate logging, labeling, and appropriate preservation storage of each sample collected. Field quality control sample requirements included the collection of field duplicate samples and equipment blanks.

To evaluate the data reported from the laboratory, several steps were taken to verify the quality of the data and consistency between field and laboratory activities. Chain-of-custody (COC) forms were checked

before final delivery of the samples to the laboratory. Upon receipt of the laboratory reports, the chain-of-custody documentation was checked against the analyses conducted to ensure that all requested samples had been analyzed, and to insure that laboratory quality assurance was performed in accordance with the requirements of each specific EPA testing method. Results reported by the laboratory were compiled in tabular form, and the data input to the tables was then verified. The data were reviewed to confirm that they had met the data quality objectives (DQOs) for precision, accuracy, representativeness, completeness, and comparability.

6.5 Field Variances

The shallow soil sampling and analysis program conducted for the PEA for the Thomas Jefferson High School followed the PEA Scoping Document (Partner, 2016b), except for the following field variances, which were performed in consultation with the LAUSD-OEHS:

- Shallow soil sample locations SS33 and SS34 were not sampled due their location within an active classroom with no evidence of hazardous material or petroleum product usage observed.
- Shallow soil sample locations SS58 and SS59 were advanced to a total depth of approximately 10.5 feet bgs, in order to sample below the bottom of the in-ground hydraulic lifts.
- Shallow soil sample SS70B achieved refusal at a depth of approximately one-foot bgs. An alternative location was not sampled due to proximity to subsurface utility lines.

6.6 Investigation Derived Waste

Five 55-gallon drums of soil cuttings and one 55-gallon drum of equipment decontamination water was generated during field sampling activities. One representative soil sample was collected from each drum and composited for profile analysis (Soil drum). One water sample was also collected from the decontamination drum (Decon drum). The composited sample (Soil drum) and water sample (Decon drum) were analyzed for VOCs by EPA Method 8260B, total petroleum hydrocarbons as carbon chain (TPH-cc) by EPA Method 8015M, and Title 22 Metals by EPA Method 6010B. The laboratory analytical report and chain-of-custody documentation is provided in Appendix E along with copies of the waste manifest forms.

7 HUMAN HEALTH SCREENING EVALUATION

An HHSE was completed based on the results of the samples collected and analyzed during this PEA. The approach used in this screening evaluation was based on U.S. EPA and DTSC guidance for conducting human health risk assessments. This evaluation has incorporated conservative (health-protective) assumptions in evaluating potential exposures, so that potential health impacts from COPCs at the Site (i.e., chemicals that were identified at levels above published screening levels) could be evaluated and not underestimated. Hypothetical residential receptors evaluated here were assumed to be exposed to COPCs identified in soil through the ingestion, dermal and inhalation pathways.

For the purpose of this screening evaluation and in accordance with DTSC's Preliminary Endangerment Assessment (PEA) Guidance Manual (January 1994, Revised 2015), the potential risks are calculated based on a residential land-use scenario, regardless of the current and future use and zoning for the Site. To perform the HHSE, default soil parameters were used for this PEA.

7.1 Exposure Concentrations and Chemicals

7.1.1 COPCs

The only target analytes found to exceed applicable soil screening levels during this assessment included lead and arsenic. Therefore, only lead and arsenic in soil were evaluated. For the purpose of this screening risk evaluation, hypothetical adult and child residents were assumed to be exposed to COPCs identified in soil by direct dermal contact, incidental ingestion, and inhalation of airborne particulate via inhalation.

7.2 Exposure Pathways and Media of Concern

7.2.1 Soil Exposure Pathways

Chemicals of potential health concern detected in the soil at the Site above risk screening levels include arsenic and lead. Therefore the potential exists for humans to contact these chemicals through direct dermal contact with the soil and incidental soil ingestion. Analytical data for arsenic and lead in subsurface soil are summarized in Table 1. Air Exposure Pathways

7.2.1.1 Fugitive Dust Inhalation

COPCs were detected in soil at the Site (Table 1). Exposure to these chemicals may occur through chemicals being sorbed to airborne particulates.

Exposure to these chemicals may occur via inhalation of fugitive dust. Inhalation exposure to non-volatile compounds is typically minor in fugitive dust when compared to direct ingestion exposure. Nevertheless, a relationship must be estimated between the chemical concentration in soil and the concentration in air (secondary media) due to fugitive dust emissions from surface soil.

7.3 Exposure Concentrations and Chemicals

For HHSE, the maximum detected concentrations of each COPC were selected. Table 10 details the maximum detected concentration of each COPC along with the sample location.

7.4 Risk Screening Summary

7.4.1 Cancer Risks

Cancer risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1E-04 refers to an upper-bound increased chance of one in ten thousand of developing cancer over a lifetime (0.01 percent risk). The potential increase in cancer risk from exposure to the chemicals detected in soil at the Site is in addition to a background risk of Americans developing cancer. The chemical-specific exposure estimates (i.e., the lifetime average daily dose or LADD) are multiplied by the chemical- and route-specific slope factor to arrive at a unitless probability (e.g., 1.0E-04) of an individual developing cancer.

The excess cancer risks are then compared to the DTSC acceptable target risk level of 1E-06.

7.4.2 Noncarcinogenic Effects

For the purpose of assessing risk associated with noncarcinogenic effects, the US EPA has adopted a science policy position that protective mechanisms such as repair, detoxification, and compensation must be overcome before an adverse health effect is manifested. Therefore, a range of exposures exists from zero to some finite value (a threshold) that can be tolerated by the organism without appreciable risk of adverse effects occurring.

Noncarcinogenic effects were evaluated using reference doses (RfDs) developed by the US EPA and the DTSC. The RfD is a health-based criterion based on the assumption that thresholds exist for noncarcinogenic toxic effects. In general, the RfD is an estimate (with uncertainty) of a daily exposure to the human population that is likely to be without appreciable risk of chronic effects during a lifetime of exposure. RfDs are compared to the total chemical dose estimated for each receptor to obtain a Hazard Quotient for each receptor and exposure pathway. The hazard quotients are then compared to an acceptable hazard level. Hazard quotients less than the benchmark hazard level of 1 indicate that no adverse health effects are predicted from exposure to COPCs at the Site.

7.4.3 Results of the Screening Risk Evaluation

7.4.3.1 Carcinogenic Risk

Table 14 summarizes the cumulative carcinogenic risk posed by the presence of the identified COPC's in soil at the Site. The cumulative carcinogenic risk based on the maximum concentrations of COPC's identified at the site is 1.92E-03. This value exceeds the DTSC's target risk value of 1E-06.

Alta also calculated the cumulative carcinogenic risk using the calculated 95% Upper Confidence Level (UCL) concentration for each COPC. The cumulative carcinogenic risk based on the 95% UCL concentrations of COPC's identified at the site is 5.96E-04. This value exceeds the DTSC's target risk value of 1E-06.

7.4.3.2 Noncarcinogenic Risk

Table 14 also summarizes the cumulative non-carcinogenic risk posed by the presence of the identified COPC's in soil at the Site. The cumulative non-carcinogenic risk (Hazard Quotient) based on the maximum concentrations of COPC's identified at the site is 6.34E+01, which is above the benchmark level for noncancer effects (1.0).

Alta also calculated the cumulative non-carcinogenic risk using the calculated 95% Upper Confidence Level (UCL) concentration for each COPC. The cumulative non-carcinogenic risk based on the 95% UCL concentrations of COPC's identified at the site is 1.74E+01, which is above the benchmark level for noncancer effects (1.0).

8 ECOLOGICAL SCREENING ASSESSMENT

There are no sensitive, protected, or threatened biological receptors known to be present at the Site, nor does the Site contain natural wildlife habitat. The Site is situated in an older, largely residential neighborhood north of downtown Los Angeles, where many homes date to the early 1900s. There are no significant ecological areas (i.e. coastal or fresh-water wetlands, wildlife areas, preserves, reserves,

sanctuaries, State or Federal parks, natural areas, conservation areas, or other protected places) within 1 mile of Site.

After the completion of construction, the entire Site would be developed with structures and pavement. Furthermore, the local topography would not result in run-off from the Site towards ecologically sensitive areas. The chemical constituents present in Site soils do not pose a present or future threat to the ecosystem.

9 PUBLIC PARTICIPATION

Following is a brief overview of the Public Participation activities associated with the PEA activity conducted for the Thomas Jefferson High School Modernization Project.

- A one-page public notice was prepared in accordance with the established DTSC guidelines for informing the community at and surrounding the Site of the PEA field investigation. Prior to implementation of the PEA field investigation, the public notice was distributed to residents and businesses within the line-of-sight of the Site. The public notices provided written notification in English and Spanish. Copies of the public notices are included in Appendix C. The public notice provided contact information for anyone in the community who may have questions or concerns regarding the project. No additional public participation activities were identified for the project with the exception of the Public Comment period for the Draft PEA Report.

10 CONCLUSIONS AND RECOMMENDATIONS

10.1 Summary and Conclusions

Based on the soil sampling conducted during the PEA, the following conclusions are made:

- Soil samples were collected throughout the Site at various depths and analyzed for TPH, VOCs, OCPs, PCBs, arsenic, lead, and Title 22 metals. While several analytes were found at levels in excess of laboratory detection limits, only lead and arsenic were identified in soil samples in excess of residential screening levels.
- A Human Health Screening Evaluation was conducted to estimate the cumulative carcinogenic risk and hazard index posed to Site occupants by contact with lead, arsenic, or chlordane impacted soils. The cumulative carcinogenic risk based on the maximum concentrations of COPC's identified at the site is $1.92E-03$. This value exceeds the DTSC's target risk value of $1E-06$. The estimated hazard index of $6.34E+01$ is also above the benchmark level for noncancer effects (1.0).
- Thirty-one areas with shallow soil impacted by lead and/or arsenic in excess of residential screening levels were identified throughout the campus. The shallow soil sampling for lead and arsenic in soil was able to achieve lateral and vertical definition of areas of impact at the Site. The total estimated amount of impacted soil at the Site is estimated to be approximately 229.04 cubic yards.

10.2 Recommendations

Based on the findings and conclusions of this PEA investigation, the following recommendation is made:

- Develop a Removal Action Workplan (RAW) for the Site. The RAW will address shallow soils impacted with lead, arsenic, and/or OCPs with a total volume of 229.04 cubic yards.

11 SIGNATURES AND QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S), INCLUDING STATEMENTS REQUIRED BY AAI

This *Preliminary Environmental Assessment Equivalent Report* for the Thomas Jefferson High School Comprehensive Modernization site located on the southern and eastern portions of the existing Thomas Jefferson High School campus was prepared by Alta Environmental on behalf of the Los Angeles Unified School District in a manner consistent with the level of care and skill ordinarily exercised by professional engineers, geologists, and environmental scientists. This report was prepared under the technical direction of the undersigned.



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Tables

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS1-0.5 | 6/24/2016 | 118 | 2.35J |
| SS1-1.5 | 8/2/2016 | 2.74 | -- |
| SS1-2.5 | 8/2/2016 | 1.19 | -- |
| SS1A-0.5 | 8/4/2016 | 169 | -- |
| SS1A-1.5 | 8/4/2016 | 62.0 | -- |
| SS1C-0.5 | 8/4/2016 | 70.0 | -- |
| SS1C-0.5DUP | 8/4/2016 | 12.1 | -- |
| SS1C-1.5 | 8/4/2016 | 1.06 | -- |
| SS1D-0.5 | 8/11/2016 | 15.1 | -- |
| SS1D-0.5DUP | 8/11/2016 | 23.6 | -- |
| SS2-0.5 | 6/24/2016 | 194 | 3.38 |
| SS2-1.5 | 8/2/2016 | 38.6 | -- |
| SS2-2.5 | 8/2/2016 | 11.0 | -- |
| SS2A-0.5 | 8/4/2016 | 174 | -- |
| SS2A-1.5 | 8/4/2016 | 87.4 | -- |
| SS2A-2.5 | 8/4/2016 | 56.6 | -- |
| SS2B-0.5 | 8/4/2016 | 28.4 | -- |
| SS2C-0.5 | 8/4/2016 | 27.8 | -- |
| SS2D-0.5 | 8/11/2016 | 117 | -- |
| SS2D-1.5 | 8/11/2016 | 12.9 | -- |
| SS3-0.5 | 6/22/2016 | 77.9 | 4.17 |
| SS3-0.5DUP | 6/22/2016 | 35.1 | 3.28 |
| SS4-0.5 | 6/22/2016 | 13.9 | 1.247 J |
| SS5-0.5 | -- | -- | -- |
| SS6-0.5 | -- | -- | -- |
| SS7-0.5 | -- | -- | -- |
| SS8-0.5 | 6/23/2016 | 45.0 | 2.16 J |
| SS9-0.5 | 8/2/2016 | 51.4 | 1.773J* |
| SS10-0.5 | 6/23/2016 | 52.7 | 1.894 J |
| SS11-0.5 | 6/23/2016 | 7.84 | 1.513 J |
| SS12-0.5 | 6/23/2016 | 32.9 | 4.37 |
| SS12-0.5DUP | 6/23/2016 | 15.0 | 3.42 |
| SS13-0.5 | 6/23/2016 | 14.9 | 2.02 J |
| SS14-0.5 | 6/23/2016 | 29.8 | 10.3 |
| SS15-0.5 | 6/23/2016 | 36.0 | 3.57 |
| SS16-0.5 | 6/23/2016 | 20.1 | 3.15 |
| SS17-0.5 | 6/23/2016 | 29.2 | 4.53 |
| SS18-0.5 | 6/23/2016 | 6.08 | 1.257 J |
| SS19-0.5 | 6/23/2016 | 37.0 | 2.78 J |
| SS19-0.5DUP | 6/23/2016 | 22.9 | 1.334 J |
| SS20-0.5 | 6/23/2016 | 39.6 | 6.40 |
| SS21-0.5 | 6/23/2016 | 146 | 5.60 |
| SS21-1.5 | 8/2/2016 | 16.6 | -- |
| SS21-2.5 | 8/2/2016 | 20.8 | -- |
| SS21A-0.5 | 8/4/2016 | 14.7 | -- |
| SS21B-0.5 | 8/4/2016 | 17.0 | -- |
| SS21B-0.5DUP | 8/4/2016 | 27.4 | -- |
| SS21C-0.5 | 8/4/2016 | 131 | -- |
| SS21C-1.5 | 8/4/2016 | 18.9 | -- |
| SS22-0.5 | 6/23/2016 | 160 | 5.13 |
| SS22-1.5 | 8/2/2016 | 35.8 | -- |
| SS22-2.5 | 8/2/2016 | 23.9 | -- |
| SS22A-0.5 | 8/4/2016 | 68.8 | -- |
| SS22B-0.5 | 8/4/2016 | 47.1 | -- |
| SS22C-0.5 | 8/4/2016 | 59.7 | -- |
| SS23-0.5 | 6/23/2016 | 10.2 | 1.672 J |
| SS24-0.5 | 6/22/2016 | 40.3 | 3.65 |
| SS25-0.5 | 6/24/2016 | 54.6 | 4.71 |
| SS26-0.5 | 6/24/2016 | 30.2 | 5.79 |
| SS27-0.5 | 6/24/2016 | 117 | 14.5 |
| SS27-1.5 | 8/2/2016 | 39.0 | 11.6* |
| SS27-2.5 | 8/2/2016 | 36.5 | 10.3* |
| SS27A-0.5 | 8/5/2016 | 87.5 | 6.35 |
| SS27A-0.5DUP | 8/5/2016 | 64.6 | 4.32 |
| SS27A-1.5 | 8/5/2016 | 4.99 | -- |
| SS27B-0.5 | 8/5/2016 | 107 | 4.55 |
| SS27B-1.5 | 8/5/2016 | 2.47 | -- |
| SS27C-0.5 | 8/5/2016 | 133 | 13.6 |
| SS27C-1.5 | 8/5/2016 | 62.4 | 17.1 |
| SS27C-2.5 | 8/5/2016 | -- | 11.5 |
| SS27D-0.5 | 8/11/2016 | 65.2 | -- |

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS27E-0.5 | 8/11/2016 | 50.3 | -- |
| SS27F-0.5 | 8/11/2016 | 63.8 | 3.79 |
| SS27F-0.5DUP | 8/11/2016 | 31.7 | 3.99 |
| SS27G-0.5 | 11/21/2016 | 268 | 10.1 |
| SS27G-0.5DUP | 11/21/2016 | 33.2 | 9.34 |
| SS27G-1.5 | 11/21/2016 | 96.6 | -- |
| SS27G-2.5 | 11/21/2016 | 13.2 | -- |
| SS27I-0.5 | 11/21/2016 | 58.5 | -- |
| SS27L-0.5 | 11/21/2016 | 24.4 | -- |
| SS28-0.5 | 6/24/2016 | 29.9 | 8.54 |
| SS29-0.5 | 6/24/2016 | 26.0 | 2.94J |
| SS30-0.5 | 6/24/2016 | 26.6 | 1.640J |
| SS31-0.5 | 6/24/2016 | 29.4 | 9.53 |
| SS32-0.5 | 6/22/2016 | 158 | 4.33 |
| SS32-1.5 | 8/2/2016 | 45.2 | -- |
| SS32-2.5 | 8/2/2016 | 1.91 | -- |
| SS32A-0.5 | 8/4/2016 | 201 | -- |
| SS32A-1.5 | 8/4/2016 | 22.1 | -- |
| SS32C-0.5 | 8/4/2016 | 73.0 | -- |
| SS32D-0.5 | 8/11/2016 | 63.4 | -- |
| SS33-0.5 | Cancelled | | |
| SS34-0.5 | Cancelled | | |
| SS35-0.5 | 6/22/2016 | 51.4 | 4.20 |
| SS36-0.5 | 6/22/2016 | 52.3 | 2.45 J |
| SS37-0.5 | 6/22/2016 | 22.7 | 3.22 |
| SS37-0.5DUP | 6/22/2016 | 53.9 | 3.49 |
| SS38-0.5 | 6/22/2016 | 107 | 2.40 J |
| SS38-1.5 | 8/2/2016 | 34.2 | -- |
| SS38-2.5 | 8/2/2016 | 1.45 | -- |
| SS38A-0.5 | 8/4/2016 | 26.4 | -- |
| SS38A-0.5DUP | 8/4/2016 | 28.8 | -- |
| SS38B-0.5 | 8/4/2016 | 34.4 | -- |
| SS38C-0.5 | 8/4/2016 | 71.7 | -- |
| SS39-0.5 | 6/22/2016 | 30.5 | 3.22 |
| SS40-0.5 | 6/22/2016 | 23.6 | 3.62 |
| SS41-0.5 | 6/22/2016 | 27.6 | 3.18 |
| SS42-0.5 | 6/22/2016 | 44.2 | 3.78 |
| SS43-0.5 | 6/22/2016 | 20.4 | 2.47 J |
| SS43-0.5DUP | 6/22/2016 | 85.3 | 9.98 |
| SS43-1.5 | 8/2/2016 | 63.3 | -- |
| SS43-2.5 | 8/2/2016 | 46.5 | -- |
| SS43A-0.5 | 8/5/2016 | 30.0 | -- |
| SS43A-0.5DUP | 8/5/2016 | 14.4 | -- |
| SS43B-0.5 | 8/5/2016 | 63.7 | -- |
| SS43C-0.5 | 8/5/2016 | 21.6 | -- |
| SS44-0.5 | 6/22/2016 | 79.1 | 3.22 |
| SS45-0.5 | 6/22/2016 | 18.3 | 2.34 J |
| SS46-0.5 | 6/22/2016 | 19.0 | 3.79 |
| SS47-0.5 | 6/22/2016 | 310 | 2.50 J |
| SS47-1.5 | 8/2/2016 | 45.6 | -- |
| SS47-2.5 | 8/2/2016 | 57.0 | -- |
| SS47A-0.5 | 8/5/2016 | 55.5 | -- |
| SS47B-0.5 | 8/5/2016 | 30.7 | -- |
| SS47C-0.5 | 8/5/2016 | 62.7 | -- |
| SS48-0.5 | 6/22/2016 | 24.7 | 1.621 J |
| SS49-0.5 | 6/22/2016 | 74.0 | 2.12 J |
| SS50-0.5 | 6/22/2016 | 25.2 | 3.09 |
| SS51-0.5 | 6/23/2016 | 71.9 | 2.31 J |
| SS52-0.5 | 6/23/2016 | 32.7 | 1.877 J |
| SS53-0.5 | 8/2/2016 | 109 | 2.23J* |
| SS53-1.5 | 8/2/2016 | 42.3 | -- |
| SS53A-0.5 | 8/5/2016 | 49.7 | -- |
| SS53B-0.5 | 8/5/2016 | 56.2 | -- |
| SS53C-0.5 | 8/5/2016 | 48.0 | -- |
| SS54-0.5 | 6/23/2016 | 84.7 | 2.72 J |
| SS54-1.5 | 8/2/2016 | 3.18 | -- |
| SS54-2.5 | 8/2/2016 | 1.50 | -- |
| SS54A-0.5 | 8/5/2016 | 2.42 | -- |
| SS54B-0.5 | 8/5/2016 | 53.0 | -- |

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS54B-0.5DUP | 8/5/2016 | 64.2 | -- |
| SS54C-0.5 | 8/5/2016 | 63.6 | -- |
| SS55-0.5 | 6/23/2016 | 38.7 | 20.5 |
| SS55-1.5 | 8/2/2016 | -- | 2.06J* |
| SS55-2.5 | 8/2/2016 | -- | 1.751J* |
| SS55A-0.5 | 8/4/2016 | -- | 2.28J |
| SS55B-0.5 | 8/4/2016 | -- | 2.62J |
| SS55C-0.5 | 8/4/2016 | -- | 12.8 |
| SS55C-1.5 | 8/4/2016 | -- | 2.23J |
| SS55D-0.5 | 8/11/2016 | -- | 2.39J |
| SS56-0.5 | 6/23/2016 | 11.4 | 1.702 J |
| SS57-0.5 | -- | -- | -- |
| SS58-0.5 | -- | -- | -- |
| SS59-0.5 | -- | -- | -- |
| SS60-0.5 | -- | -- | -- |
| SS61-0.5 | -- | -- | -- |
| SS62-0.5 | -- | -- | -- |
| SS63-0.5 | -- | -- | -- |
| SS64-0.5 | -- | -- | -- |
| SS65-0.5 | -- | -- | -- |
| SS66-0.5 | 6/24/2016 | 11.9 | 2.17J |
| SS67-0.5 | 6/23/2016 | 44.3 | 2.55 J |
| SS68-0.5 | 6/23/2016 | 124 | 5.18 |
| SS68-1.5 | 8/2/2016 | 5.43 | -- |
| SS68-2.5 | 8/2/2016 | 1.54 | -- |
| SS68A-1.5 | 8/4/2016 | 5.41 | -- |
| SS68B-0.5 | 8/4/2016 | 81.5 | -- |
| SS68B-1.5 | 8/4/2016 | 4.9 | -- |
| SS68C-0.5 | 8/4/2016 | 125 | -- |
| SS68C-1.5 | 8/4/2016 | 7.55 | -- |
| SS68D-0.5 | 8/11/2016 | 241 | -- |
| SS68D-0.5DUP | 8/11/2016 | 31.8 | -- |
| SS68D-1.5 | 8/11/2016 | 1.59 | -- |
| SS68E-0.5 | 11/21/2016 | 58.9 | -- |
| SS68E-0.5DUP | 11/21/2016 | 53.9 | -- |
| SS68G-0.5 | 11/21/2016 | 166 | -- |
| SS68G-1.5 | 11/21/2016 | 4.53 | -- |
| SS68H-0.5 | 11/21/2016 | 36.3 | -- |
| SS69-0.5 | 6/23/2016 | 31.2 | 1.460 J |
| SS70-0.5 | 6/23/2016 | 122 | 5.28 |
| SS70-1.5 | 8/2/2016 | 1.81 | -- |
| SS70-2.5 | 8/2/2016 | 3.09 | -- |
| SS70A-0.5 | 8/5/2016 | 75.4 | -- |
| SS70B-0.5 | 8/5/2016 | 134 | -- |
| SS70C-0.5 | 8/5/2016 | 64.2 | -- |
| SS70F-0.5 | 11/21/2016 | 109 | -- |
| SS70F-1.5 | 11/21/2016 | 13.8 | -- |
| SS70G-0.5 | 11/21/2016 | 132 | -- |
| SS70G-1.5 | 11/21/2016 | 18.0 | -- |
| SS70H-0.5 | 11/21/2016 | 78.7 | -- |
| SS70H-0.5DUP | 11/21/2016 | 65.2 | -- |
| SS71-0.5 | 6/23/2016 | 62.2 | 1.725 J |
| SS72-0.5 | 6/23/2016 | 6.29 | 1.125 J |
| SS73-0.5 | 6/23/2016 | 87.9 | 5.98 |
| SS73-1.5 | 8/2/2016 | 35.0 | -- |
| SS73-2.5 | 8/2/2016 | 28.9 | -- |
| SS73A-0.5 | 8/5/2016 | 40.7 | -- |
| SS73B-0.5 | 8/5/2016 | 22.7 | -- |
| SS73B-0.5DUP | 8/5/2016 | 27.0 | -- |
| SS73C-0.5 | 8/5/2016 | 121 | -- |
| SS73C-1.5 | 8/5/2016 | 4.29 | -- |
| SS74-0.5 | 6/23/2016 | 172 | 4.68 |
| SS74-1.5 | 8/2/2016 | 1.83 | -- |
| SS74-2.5 | 8/2/2016 | 1.77 | -- |
| SS74A-0.5 | 8/5/2016 | 247 | -- |
| SS74A-1.5 | 8/5/2016 | 17.9 | -- |
| SS74B-0.5 | 8/5/2016 | 75.0 | -- |
| SS74C-0.5 | 8/5/2016 | 157 | -- |
| SS74C-1.5 | 8/5/2016 | 47.7 | -- |
| SS74D-0.5 | 11/21/2016 | 43.1 | -- |
| SS75-0.5 | 6/23/2016 | 30.3 | 2.28 J |

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS76-0.5 | 6/23/2016 | 86.2 | 3.83 |
| SS76-1.5 | 8/2/2016 | 13.4 | -- |
| SS76-2.5 | 8/2/2016 | 1.77 | -- |
| SS76A-0.5 | 8/5/2016 | 106 | -- |
| SS76A-1.5 | 8/5/2016 | 2.52 | -- |
| SS76B-0.5 | 8/5/2016 | 29.2 | -- |
| SS76C-0.5 | 8/5/2016 | 273 | -- |
| SS76C-1.5 | 8/5/2016 | 570 | -- |
| SS76C-2.5 | 8/5/2016 | 1.39 | -- |
| SS76D-0.5 | 11/21/2016 | 54.2 | -- |
| SS76D-0.5DUP | 11/21/2016 | 50.9 | -- |
| SS77-0.5 | 6/23/2016 | 187 | 3.46 |
| SS77-0.5DUP | 6/23/2016 | 200 | 3.02 |
| SS77-1.5 | 8/2/2016 | 1.80 | -- |
| SS77-2.5 | 8/2/2016 | 18.1 | -- |
| SS77A-0.5 | 8/5/2016 | 468 | -- |
| SS77A-1.5 | 8/5/2016 | 84.1 | -- |
| SS77A-2.5 | 8/5/2016 | 1.50 | -- |
| SS77B-0.5 | 8/5/2016 | 415 | -- |
| SS77B-1.5 | 8/5/2016 | 26.9 | -- |
| SS77C-0.5 | 8/5/2016 | 82.6 | -- |
| SS77C-1.5 | 8/5/2016 | 19.1 | -- |
| SS77D-0.5 | 11/21/2016 | 848 | -- |
| SS77D-0.5DUP | 11/21/2016 | 242 | -- |
| SS77D-1.5 | 11/21/2016 | 1.38 | -- |
| SS77G-0.5 | 11/21/2016 | 165 | -- |
| SS77G-1.5 | 11/21/2016 | 9.15 | -- |
| SS78-0.5 | 6/23/2016 | 2.12 | 1.156 J |
| SS78-0.5DUP | 6/23/2016 | 62.2 | 1.928 J |
| SS79-0.5 | 6/23/2016 | 64.5 | 2.17 J |
| SS79-0.5DUP | 6/23/2016 | 86.0 | 2.52 J |
| SS79-1.5 | 8/2/2016 | 63.8 | -- |
| SS79-2.5 | 8/2/2016 | 2.27 | -- |
| SS79A-0.5 | 8/5/2016 | 110 | -- |
| SS79A-1.5 | 8/5/2016 | 21.2 | -- |
| SS79B-0.5 | 8/5/2016 | 60.5 | -- |
| SS79C-0.5 | 8/5/2016 | 32.9 | -- |
| SS79D-0.5 | 8/11/2016 | 57.1 | -- |
| SS79D-0.5DUP | 8/11/2016 | 121 | -- |
| SS79D-1.5 | 8/11/2016 | 3.62 | -- |
| SS79E-0.5 | 8/11/2016 | 49.8 | -- |
| SS79F-0.5 | 8/11/2016 | 88.2 | -- |
| SS79F-1.5 | 8/11/2016 | 75.2 | -- |
| SS79G-0.5 | 11/21/2016 | 101 | -- |
| SS79G-1.5 | 11/21/2016 | 9.24 | -- |
| SS79H-0.5 | 11/21/2016 | 192 | -- |
| SS79H-1.5 | 11/21/2016 | 22.6 | -- |
| SS80-0.5 | 6/23/2016 | 129 | 5.09 |
| SS80-0.5DUP | 6/23/2016 | 40.6 | 3.60 |
| SS80-1.5 | 8/2/2016 | 18.7 | -- |
| SS80-2.5 | 8/2/2016 | 1.97 | -- |
| SS80A-0.5 | 8/5/2016 | 57.0 | -- |
| SS80B-0.5 | 8/5/2016 | 62.2 | -- |
| SS80C-0.5 | 8/5/2016 | 131 | -- |
| SS80C-0.5DUP | 8/5/2016 | 146 | -- |
| SS80C-1.5 | 8/5/2016 | 43.4 | -- |
| SS80D-0.5 | 11/21/2016 | 32.3 | -- |
| SS80D-0.5DUP | 11/21/2016 | 127 | -- |
| SS80D-1.5 | 11/21/2016 | 3.20 | -- |
| SS80E-0.5 | 11/21/2016 | 19.6 | -- |
| SS81-0.5 | 6/24/2016 | 32.0 | 8.74 |
| SS82-0.5 | 6/24/2016 | 88.7 | 2.66J |
| SS82-1.5 | 8/2/2016 | 1.59 | -- |
| SS82-2.5 | 8/2/2016 | 0.88 | -- |
| SS82A-0.5 | 8/5/2016 | 32.2 | -- |
| SS82B-0.5 | 8/5/2016 | 39.4 | -- |
| SS82C-0.5 | 8/5/2016 | 54.5 | -- |
| SS83-0.5 | 6/24/2016 | 47.2 | 4.28 |
| SS84-0.5 | 6/24/2016 | 20.1 | 3.22 |
| SS85-0.5 | 6/23/2016 | 36.8 | 4.82 |
| SS86-0.5 | 6/23/2016 | 42.1 | 1.913 J |

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS87-0.5 | 6/23/2016 | 131 | 3.61 |
| SS87-1.5 | 8/2/2016 | 4.28 | -- |
| SS87-2.5 | 8/2/2016 | 0.55 | -- |
| SS87A-0.5 | 8/5/2016 | 99.1 | -- |
| SS87A-1.5 | 8/5/2016 | 6.10 | -- |
| SS87B-0.5 | 8/5/2016 | 47.9 | -- |
| SS87C-0.5 | 8/5/2016 | 131 | -- |
| SS87C-1.5 | 8/5/2016 | 5.40 | -- |
| SS87D-0.5 | 8/11/2016 | 108 | -- |
| SS87D-0.5DUP | 8/11/2016 | 40.2 | -- |
| SS87D-1.5 | 8/11/2016 | 1.20 | -- |
| SS87E-0.5 | 8/11/2016 | 57.0 | -- |
| SS87E-0.5 | 11/21/2016 | 97.1 | -- |
| SS87E-0.5DUP | 11/21/2016 | 85.4 | -- |
| SS87E-1.5 | 11/21/2016 | 10.4 | -- |
| SS87F-0.5 | 11/21/2016 | 21.9 | -- |
| SS87G-0.5 | 11/21/2016 | 99.2 | -- |
| SS87G-1.5 | 11/21/2016 | 18.4 | -- |
| SS87H-0.5 | 11/21/2016 | 68.0 | -- |
| SS88-0.5 | 6/23/2016 | 88.6 | 13.2 |
| SS88-1.5 | 8/2/2016 | 5.12 | 2.80J* |
| SS88-2.5 | 8/2/2016 | 2.70 | 1.955J* |
| SS88A-0.5 | 8/5/2016 | 5.81 | 4.85 |
| SS88B-0.5 | 8/5/2016 | 55.4 | 5.92 |
| SS88B-0.5DUP | 8/5/2016 | 59.6 | 8.76 |
| SS88C-0.5 | 8/5/2016 | 154 | 14.4 |
| SS88C-1.5 | 8/5/2016 | 56.3 | 6.20 |
| SS89-0.5 | 6/23/2016 | 16.6 | 6.08 |
| SS90-0.5 | 6/23/2016 | 33.6 | 1.277 J |
| SS91-0.5 | 6/22/2016 | 26.3 | 4.28 |
| SS92-0.5 | 6/23/2016 | 80.9 | 5.57 |
| SS92-1.5 | 8/2/2016 | 21.5 | -- |
| SS92-2.5 | 8/2/2016 | 1.61 | -- |
| SS92A-0.5 | 8/4/2016 | 31.1 | -- |
| SS92B-0.5 | 8/4/2016 | 21.7 | -- |
| SS92B-0.5DUP | 8/4/2016 | 23.4 | -- |
| SS92C-0.5 | 8/4/2016 | 55.7 | -- |
| SS93-0.5 | 6/24/2016 | 190 | 3.23 |
| SS93-1.5 | 8/2/2016 | 26.0 | -- |
| SS93-2.5 | 8/2/2016 | 30.8 | -- |
| SS93A-0.5 | 8/4/2016 | 204 | -- |
| SS93A-1.5 | 8/4/2016 | 13.6 | -- |
| SS93B-0.5 | 8/4/2016 | 113 | -- |
| SS93B-1.5 | 8/4/2016 | 20.6 | -- |
| SS93C-0.5 | 8/4/2016 | 75.0 | -- |
| SS93D-0.5 | 8/11/2016 | 180 | -- |
| SS93D-1.5 | 8/11/2016 | 27.6 | -- |
| SS93E-0.5 | 8/11/2016 | 74.6 | -- |
| SS93F-0.5 | 8/11/2016 | 22.3 | -- |
| SS93G-0.5 | 11/21/2016 | 60.8 | -- |
| SS93G-0.5DUP | 11/21/2016 | 25.3 | -- |
| SS94-0.5 | 6/24/2016 | 24.8 | 10.7 |
| SS95-0.5 | 6/24/2016 | 112 | 5.24 |
| SS95-1.5 | 8/2/2016 | 9.03 | -- |
| SS95-2.5 | 8/2/2016 | 3.16 | -- |
| SS95A-0.5 | 8/4/2016 | 132 | -- |
| SS95A-1.5 | 8/4/2016 | 48.3 | -- |
| SS95B-0.5 | 8/4/2016 | 58.4 | 6.53 J |
| SS95B-1.5 | 8/4/2016 | -- | 4.31J |
| SS95C-0.5 | 8/4/2016 | 59.5 | -- |
| SS95D-0.5 | 8/11/2016 | 31.8 | -- |
| SS96-0.5 | 6/24/2016 | 154 | 7.34 |
| SS96-1.5 | 8/2/2016 | 2.80 | -- |
| SS96-2.5 | 8/2/2016 | 1.34 | -- |
| SS96A-0.5 | 8/4/2016 | 49.9 | -- |
| SS96B-0.5 | 8/4/2016 | 46.1 | -- |
| SS96C-0.5 | 8/4/2016 | 602 | -- |
| SS96C-1.5 | 8/4/2016 | 2.08 | -- |
| SS96D-0.5 | 11/21/2016 | 318 | -- |
| SS96D-1.5 | 11/21/2016 | 0.39J | -- |
| SS96E-0.5 | 11/21/2016 | 248 | -- |
| SS96E-1.5 | 11/21/2016 | 14.3 | -- |

TABLE 1
 Summary of Shallow Soil Sample Lead and Arsenic Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Lead - | Arsenic - |
|-------------------------------|-------------|------------------|-----------------|
| | | EPA Method 6010B | EPA Method 6020 |
| | | mg/kg | |
| MDL: | | 0.32 | 0.2-0.4 |
| RDL: | | 0.5 | 3.0-6.0 |
| Site Screening Levels: | | 80* | 12** |
| SS97-0.5 | 6/22/2016 | 18.2 | 3.58 |
| SS98-0.5 | 6/23/2016 | 108 | 3.45 |
| SS98-0.5DUP | 6/23/2016 | 3.79 | 4.42 |
| SS98-1.5 | 8/2/2016 | 11.6 | -- |
| SS98-2.5 | 8/2/2016 | 0.93 | -- |
| SS98B-0.5 | 8/4/2016 | 27.8 | -- |
| SS98C-0.5 | 8/4/2016 | 24.8 | -- |
| SS99-0.5 | 6/23/2016 | 40.6 | 3.69 |
| SS100-0.5 | 6/22/2016 | 19.0 | 3.44 |
| SS101-0.5 | 6/24/2016 | 104 | 21.1 |
| SS101-1.5 | 8/2/2016 | 1.16 | 11.2* |
| SS101-2.5 | 8/2/2016 | 1.33 | 3.78* |
| SS101A-0.5 | 8/4/2016 | 27.5 | 10.6 |
| SS101B-0.5 | 8/4/2016 | 5.99 | 17.6 |
| SS101B-1.5 | 8/4/2016 | -- | 19.4 |
| SS101B-2.5 | 8/4/2016 | -- | 3.22 |
| SS101C-0.5 | 8/4/2016 | 0.71 | 3.30J |
| SS102-0.5 | 6/24/2016 | 92.3 | 7.23 |
| SS102-1.5 | 8/2/2016 | 2.00 | -- |
| SS102-2.5 | 8/2/2016 | 40.2 | -- |
| SS102A-0.5 | 8/4/2016 | 74.8 | -- |
| SS102B-0.5 | 8/4/2016 | 3.04 | -- |
| SS102C-0.5 | 8/4/2016 | 54.6 | -- |
| SS102C-0.5DUP | 8/4/2016 | 22.1 | -- |
| SS103-0.5 | 6/24/2016 | 146 | 5.47 |
| SS103-1.5 | 8/2/2016 | 47.0 | -- |
| SS103-2.5 | 8/2/2016 | 11.8 | -- |
| SS103A-0.5 | 8/4/2016 | 36.9 | -- |
| SS103B-0.5 | 8/4/2016 | 116 | -- |
| SS103B-1.5 | 8/4/2016 | 2.32 | -- |
| SS103C-0.5 | 8/4/2016 | 144 | -- |
| SS103C-1.5 | 8/4/2016 | 35.7 | -- |
| SS103D-0.5 | 8/11/2016 | 112 | -- |
| SS103D-1.5 | 8/11/2016 | 1.66 | -- |
| SS103E-0.5 | 8/11/2016 | 56.2 | -- |
| SS103E-0.5DUP | 8/11/2016 | 84.3 | -- |
| SS103E-1.5 | 8/11/2016 | 1.61 | -- |
| SS103F-0.5 | 8/11/2016 | 63.6 | -- |
| SS103G-0.5 | 11/21/2016 | 145 | -- |
| SS103G-1.5 | 11/21/2016 | 1.23 | -- |
| SS103H-0.5 | 11/21/2016 | 150 | -- |
| SS103H-1.5 | 11/21/2016 | 14.7 | -- |
| SS103I-0.5 | 11/21/2016 | 92.0 | -- |
| SS103I-1.5 | 11/21/2016 | 13.1 | -- |
| SS103J-0.5 | 11/21/2016 | 141 | -- |
| SS103I-1.5 | 11/21/2016 | 27.2 | -- |
| SS103K-0.5 | 11/21/2016 | 68.0 | -- |
| SS103K-0.5DUP | 11/21/2016 | 81.6 | -- |
| SS103K-1.5 | 11/21/2016 | 40.3 | -- |
| SS103L-0.5 | 11/21/2016 | 107 | -- |
| SS103L-1.5 | 11/21/2016 | 27.7 | -- |
| SS104-0.5 | 6/24/2016 | 35.9 | 4.63 |
| SS105-0.5 | 6/24/2016 | 2.88 | 0.826J |
| SS106-0.5 | 6/24/2016 | 44.8 | 1.737J |

NOTES:

-- = Not Analyzed
 mg/kg = milligrams per kilogram
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicated constituent not detected at or above the MDL
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 80* = Department of Toxic Substances (DTSC) HERO Note 3 Modified Screening Levels for Residential Soil (updated June 2016)
 12** = Southern California Regional Background Concentration for Residential Soil (DTSC)

TABLE 2
Summary of Shallow Soil Matrix STLC and TCLP Results
Thomas Jefferson High School PEA-Equivalent
1319 E. 41st Street, Los Angeles, CA

| Sample ID | Total and Soluble Waste Threshold Concentrations | | | | | | Waste Characterization |
|--------------------------------|--|-------------|-------------|----------------|----------------|-------------|------------------------|
| | Lead - TTLC | Lead - STLC | Lead - TCLP | Arsenic - TTLC | Arsenic - STLC | Lead - TCLP | |
| | (mg/kg) | (mg/L) | (mg/L) | (mg/kg) | (mg/L) | (mg/L) | |
| Hazardous Waste Limits: | 1,000 | 5 | 5 | 500 | 5 | 5 | |
| SS1A-0.5 | 169 | 15.4 | 0.203 | ▪ | ▪ | ▪ | California Hazardous |
| SS2A-0.5 | 174 | 15.1 | 0.302 | ▪ | ▪ | ▪ | California Hazardous |
| SS22A-0.5 | 68.8 | 3.26 | 0.022 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS22C-0.5 | 59.7 | 2.16 | 0.008 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS27C-1.5 | ▪ | ▪ | ▪ | 17.1 | 1.08 | 0.01 | Non-Hazardous |
| SS32A-0.5 | 201 | 83.7 | 0.020 J | ▪ | ▪ | ▪ | California Hazardous |
| SS38C-0.5 | 71.7 | 3.1 | 0.011J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS47C-0.5 | 62.7 | 3.32 | 0.017 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS54C-0.5 | 63.6 | 4.47 | 0.036 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS55C-0.5 | ▪ | ▪ | ▪ | 12.8 | 0.16 | 0.029 J | Non-Hazardous |
| SS70B-0.5 | 134 | 11.5 | 0.16 | ▪ | ▪ | ▪ | California Hazardous |
| SS73C-0.5 | 121 | 6.51 | < 0.004 | ▪ | ▪ | ▪ | California Hazardous |
| SS74A-0.5 | 247 | 17.6 | 0.107 | ▪ | ▪ | ▪ | California Hazardous |
| SS76C-1.5 | 570 | 9.14 | 0.147 | ▪ | ▪ | ▪ | California Hazardous |
| SS77A-0.5 | 468 | 36.2 | 0.302 | ▪ | ▪ | ▪ | California Hazardous |
| SS79D-0.5DUP | 121 | 8.68 | 0.16 | ▪ | ▪ | ▪ | California Hazardous |
| SS80C-0.5 | 131 | 9.88 | 0.089 | ▪ | ▪ | ▪ | California Hazardous |
| SS82C-0.5 | 55 | 3.53 | 0.06 | ▪ | ▪ | ▪ | Non-Hazardous |
| SS87C-0.5 | 131 | 10.8 | 0.07 | ▪ | ▪ | ▪ | California Hazardous |
| SS88C-0.5 | ▪ | ▪ | ▪ | 14.4 | 1.353 | 0.056 | Non-Hazardous |
| SS92C-0.5 | 55.7 | 2.32 | 0.006 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS93A-0.5 | 204 | 4.15 | 0.024 J | ▪ | ▪ | ▪ | Non-Hazardous |
| SS95A-0.5 | 132 | 14.1 | 0.056 | ▪ | ▪ | ▪ | California Hazardous |
| SS96C-0.5 | 602 | 15.8 | 0.182 | ▪ | ▪ | ▪ | California Hazardous |
| SS98B-0.5 | 27.8 | 0.636 | <0.004 | ▪ | ▪ | ▪ | Non-Hazardous |
| SS101B-1.5 | ▪ | ▪ | ▪ | 19.4 | 1.55 | 0.201 | Non-Hazardous |
| SS102A-0.5 | 74.8 | 7.34 | 0.067 | ▪ | ▪ | ▪ | California Hazardous |

NOTES:

▪ = Not analyzed

STLC = Soluble Threshold Limit Concentration

TTLC = Total Treshold Limit Concentration

TCLP = Toxicity Characteristic Leaching Procedure

J=concentration is between method detection limit and laboratory reporting limit.

mg/L = milligrams per liter

mg/kg = milligrams per kilogram

TABLE 3
 Summary of Shallow Soil Sample Organochlorine Pesticide Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | COMPOSITE RATIO | Sample Date | Soil Matrix OCP Results by EPA Method 8081A (µg/kg) | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------|-------------|---|---------------------|----------|-----------|------------|----------|--------------------|-----------------|-----------------|-----------|--------------|----------|----------|----------|----------|---------------|----------|-----------------|--------------------|--------------|---------------|-----------|----------|
| | | | alpha-BHC | gamma-BHC (Lindane) | beta-BHC | delta-BHC | Heptachlor | Aldrin | Heptachlor epoxide | gamma-Chlordane | alpha-Chlordane | Chlordane | Endosulfan I | 4,4'-DDE | Dieldrin | Endrin | 4,4'-DDD | Endosulfan II | 4,4'-DDT | Endrin aldehyde | Endosulfan sulfate | Methoxychlor | Endrin ketone | Toxaphene | |
| | | | MDL (ug/kg): | 0.33-3.7 | 0.4-4.1 | 0.71-7.1 | 0.5-4.4 | 0.51-5.1 | 0.47-4.7 | 0.46-3.7 | 0.42-4.2 | 0.53-5.2 | 0.5-26 | 0.50-4.9 | 0.7-15 | 0.47-4.7 | 0.43-4.2 | 0.35-3.5 | 0.56-5.6 | 0.7-24 | 0.70-7.0 | 0.47-4.6 | 0.45-4.5 | 0.45-4.4 | 45-580 |
| RDL (ug/kg): | 4.0-50 | 3.0-50 | 3.0-50 | 5.0-10.0 | 4.0-50 | 2.0-50 | 3.0-10.0 | 5.0-50 | 5.0-50 | 25-50 | 4.0-50 | 4.0-50 | 3.0-50 | 4.0-50 | 4.0-50 | 4.0-50 | 4.0-50 | 5.0-50 | 4.0-50 | 5.0-50 | 4.0-50 | 5.0-50 | 10-100 | 5.0-50 | 100-2000 |
| RSLs - Residential Soil: | | | 86 | 570 | 300 | NE | 130 | 39 | 70 | 440 | 440 | 440 | 470 | 2,000 | 34 | 19,000 | 2,300 | 470 | 1,900 | NE | NE | 320,000 | NE | 490 | |
| DTSC-SLs - Residential Soil: | | | NE | NE | NE | NE | NE | NE | NE | 440 | 440 | 440 | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE | NE |
| COMP1 | 1:2 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP2 | 1:3 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP3 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 2.9J | 3.9J | 6.8J | ND | 18 | 0.69J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP4 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 4.6J | 3.8J | 8.4J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP5 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 42J | 41J | 83J | ND | 37J | 34J | 9.2J | 42J | ND | 74 | ND | ND | ND | ND | ND | ND |
| COMP6 | 1:2 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | 0.73J | 1.2J | 1.93J | ND | ND | 0.79J | ND | 1.4J | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP7 | 1:3 | 06/24/2016 | ND | ND | ND | ND | ND | 0.83J | ND | 0.90J | 2.3J | 3.2J | ND | 1.5J | 34 | 0.71J | 4.9J | 1.9J | 6.5 | ND | ND | ND | ND | ND | ND |
| COMP8 | 1:2 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | 0.55J | 0.74J | 1.29J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP9 | 1:4 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 3.0J | ND | ND | 3.7J | ND | 2.8J | ND | ND | ND | ND | ND | ND |
| COMP10 | 1:4 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.2J | ND | ND | ND | ND | ND | ND |
| COMP11 | 1:4 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.8J | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP11DUP | 1:4 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP12 | 1:4 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.2J | ND | ND | ND | ND | ND | ND |
| COMP13 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 0.99J | 1.2J | 2.19J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP14 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 2.1J | 2.7J | 4.8J | ND | 1.5J | ND | ND | 0.48J | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP15 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 2.1J | 3.8J | 5.9J | ND | ND | 1.3J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP16 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.68J | 13 | 19 | 32 | ND | 28 | 4.4J | ND | ND | ND | 12 | ND | ND | ND | ND | ND | ND |
| COMP17 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 1.8J | 3.3J | 5.1J | ND | ND | ND | ND | 0.39J | ND | ND | ND | 0.50J | ND | ND | ND | ND |
| COMP17DUP | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.50J | 3.7J | 5.1 | 8.8 | ND | ND | 0.48J | ND | 1.1J | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP18 | 1:4 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | 0.85J | ND | 0.85J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP19 | 1:4 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.49J | 1.0J | 3.0J | 4.0J | ND | 5.1 | 3.9J | 0.48J | 1.8J | ND | 3.0J | ND | ND | ND | ND | ND | ND |
| COMP20 | 1:3 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | 1.2J | 1.5J | 2.7J | ND | 2.0J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP21 | 1:4 | 06/24/2016 | ND | ND | ND | ND | ND | ND | 1.5J | 8.4 | 19 | 27.4 | ND | ND | ND | ND | ND | 7.1 | ND | ND | ND | ND | ND | ND | ND |
| COMP22 | 1:2 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | ND | 0.80J | 0.80J | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| COMP23 | 1:4 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | 3.9J | 6.9J | 10.8J | ND | 55 | 2.1J | 14 | 2.3J | 2.7J | 39 | ND | 2.4J | ND | ND | ND | ND |
| COMP24 | 1:3 | 06/24/2016 | ND | ND | ND | ND | 0.63J | ND | ND | 2.0J | 2.4J | 4.4J | ND | ND | ND | ND | 0.68J | ND | 4.0J | ND | ND | ND | ND | ND | ND |
| SS3-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS4-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS9-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS24-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- | 59 | ND | 6.7 | ND | ND | ND | ND | 3.0J | ND | ND | ND | ND | ND | ND |
| SS32-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- | 31J | ND | ND | ND | ND | ND | ND | 3.5J | ND | ND | ND | ND | ND | ND |
| SS53-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- | 30J | ND | ND | ND | ND | ND | ND | 3.8J | ND | ND | ND | ND | ND | ND |
| SS91-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS97-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS100-0.5 | -- | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

NOTES:
 ug/kg = micrograms per kilogram
 DUP = Duplicate
 OCPs = Organochlorine Pesticides
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Not detected at or above the MDL
 NE = No Screening Level Established
 -- = Not Applicable
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated May 2016
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 J = Analyte was detected; however, result is an estimated value between the PQL and the MDL
 [Yellow background] = Indicates concentration of the composted sample, exceeds the California Human Health Screening Levels for soil in a residential land use scenario.



TABLE 4
 Summary of Soil Matrix Sample PCB Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Soil Matrix PCB Results by EPA Method 8082 (mg/kg) | | | | | | | | |
|----------------------------------|-------------|--|--------------|--------------|--------------|--------------|--------------|--------------|------------|-------------|
| | | PCB-1016 | PCB-1221 | PCB-1232 | PCB-1242 | PCB-1248 | PCB-1254 | PCB-1260 | PCB-1262 | PCB-1268 |
| MDL (mg/kg): | | 0.0037-0.021 | 0.0037-.0043 | 0.0037-0.025 | 0.0037-0.037 | 0.0037-0.032 | 0.0037-0.032 | 0.0037-0.031 | 0.02-0.035 | 0.011-0.034 |
| RDL (mg/kg): | | 0.01-0.051 | 0.01-0.051 | 0.01-0.051 | 0.01-0.051 | 0.01-0.051 | 0.01-0.51 | 0.01-0.051 | 0.05-0.051 | 0.05-0.051 |
| RSLs - Residential Soil (mg/kg): | | 4.1 | 0.2 | 0.17 | 0.23 | 0.23 | 0.24 | 0.24 | NE | NE |
| SS4-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS5-0.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS12-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.009J | -- | -- |
| SS19-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS19-0.5 DUP | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS20-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS27-0.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS28-0.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS31-0.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS32-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS35-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS36-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS37-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS37-0.5DUP | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS38-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | 0.032J | ND | ND |
| SS39-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS40-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS41-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS42-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS43-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS43-0.5DUP | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS44-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS45-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS46-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS47-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS48-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS49-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS50-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS55-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS56-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.0071J | -- | -- |
| SS57-0.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS58-10.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS59-10.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS60-10.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS61-10.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS62-10.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS63-10.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS64-10.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS65-10.5 | 06/24/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS67-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS67-0.5 DUP | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS68-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.0049J | -- | -- |
| SS69-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS80-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | 0.0096J | -- | -- |
| SS97-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| SS99-0.5 | 06/23/2016 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| SS100-0.5 | 08/02/2016 | ND | ND | ND | ND | ND | ND | ND | ND | ND |

NOTES:

mg/kg = milligrams per kilogram
 DUP = Duplicate
 PCBs = Polychlorinated Biphenyls
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated May 2016
 ND = Not detected at or above the MDL
 -- = Not Applicable
 NE = Screening Level Not Established
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL

TABLE 5
 Summary of Soil Matrix Sample Title 22 Metals Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Title 22 Metals Results by EPA Method 6010B/7471A (mg/kg) and Mercury Results by EPA Method 7471 (mg/kg) | | | | | | | | | | | | | | | | | |
|-------------|---|-------------|-------------|---------------|-------------|-------------|----------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|---------------|-------------|
| | Sample Date | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | Zinc | Mercury |
| | MDL (mg/kg): | 0.37 | 0.36 | 0.23 | 0.17 | 0.21 | 0.13 | 0.19 | 0.31 | 0.32 | 0.13 | 0.2 | 0.72 | 0.13 | 0.42 | 0.37 | 0.28 | 0.02 |
| | RDL (mg/kg): | 3 | 1 | 1 | 0.5 | 0.5 | 1 | 0.5 | 1 | 0.5 | 1 | 1.5 | 1 | 0.5 | 1 | 0.5 | 5 | 0.14 |
| | RSLs res.: | 31 | 12* | 15,000 | 160 | 71 | 180,000 | 23 | 3,100 | 400 | 390 | NE | 390 | 390 | 0.78 | 390 | 23,000 | 11 |
| | DTSC-SL.: | 30 | 12* | 5,200 | 16 | 1.7 | 100,000 | 660 | 3,000 | 80 | 380 | 1,600 | 380 | 380 | 5.00 | 530 | 23,000 | 1 |
| SS66-0.5 | 6/24/2016 | ND | 3.46 | 104 | ND | 0.52 | 15.7 | 11.4 | 17.7 | 11.9 | 0.39J | 12.4 | ND B | ND | ND | 37.3 | 57.8 | 0.05J |
| SS67-0.5 | 6/23/2016 | ND | 5.47 | 132 | ND | 0.38 J | 18.4 | 11.0 | 18.6 B | 44.3 | ND | 11.4 | ND | ND B | ND | 42.3 | 102 | 0.11 J |
| SS68-0.5 | 6/23/2016 | ND | 6.69 | 167 | ND | 0.70 | 17.7 | 9.61 | 25.3 B | 124 | ND | 11.6 | ND | ND B | ND | 37.3 | 391 | 0.09 J |
| SS97-0.5 | 6/22/2016 | ND | 2.61 | 71.2 | ND | 0.37 J | 13.1 | 5.25 | 13.2 | 18.2 | 0.99 J | 11.4 | ND B | ND | ND | 21.7 | 40.0 | ND |
| SS98-0.5 | 6/23/2016 | ND | 3.71 | 128 | ND | 0.94 | 15.0 | 9.45 | 24.3 B | 108 | ND | 10.7 | ND | ND B | ND | 36.0 | 162 | 0.11 J |
| SS98-0.5DUP | 6/23/2016 | ND | 4.42 | 124 | ND | 1.61 | 17.1 | 12.0 | 15.0 B | 3.79 | ND | 11.3 | ND | ND B | ND | 43.2 | 429 | 0.07 J |
| SS99-0.5 | 6/23/2016 | ND | 5.35 | 107 | ND | ND | 13.7 | 9.02 | 16.0 | 40.6 | ND | 8.93 | ND | ND | ND | 31.9 | 115 | 0.05J |
| SS100-0.5 | 6/22/2016 | ND | 3.74 | 84.8 | ND | 0.42J | 11.5 | 5.52 | 11.9 | 19.0 | 1.54 | 12.2 | ND B | 0.52 | ND | 23.7 | 50.0 | 0.06J |

NOTES:

mg/kg = milligrams per kilogram

ND = Indicates constituent not detected at or above the MDL

MDL = Method Detection Limit

RDL = Reporting Detection Limit

RSL = United States Environmental Protection Agency Regional Screening Level (RSL) for residential land use, updated May 2016

DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016

J = Analyte detected; however result is an estimated value between the MDL and the RDL

B = Analyte was present in the associated method blank

TABLE 6
 Summary of Soil Matrix Sample TPH Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| Sample ID | Sample Date | Soil Matrix TPHcc by EPA Method 8015M (mg/kg) | | |
|---------------------|-------------|---|----------------|----------------|
| | | TPH-g | TPH-d | TPH-o |
| MDL (mg/kg): | | 0.13992-1.7 | 0.4-6.3 | 2.1-150 |
| RDL (mg/kg): | | 2.64-3.0 | 1.0-25 | 5.0-630 |
| MSSLs: | | 500 | 1,000 | 10,000 |
| ESLs: | | 740 | 230 | 11,000 |
| SS4-0.5 | 6/22/2016 | ND | 4.4 | 14 |
| SS5-0.5 | 6/24/2016 | ND | ND | ND |
| SS6-0.5 | 6/23/2016 | ND | 19 | 480 |
| SS7-0.5 | 6/23/2016 | ND | 52 | 2,800 |
| SS27-0.5 | 6/24/2016 | ND | 66 | 270 |
| SS28-0.5 | 6/24/2016 | ND | ND | ND |
| SS31-0.5 | 6/24/2016 | ND | ND | ND |
| SS32-0.5 | 6/22/2016 | ND | 3.8 | 23 |
| SS35-0.5 | 6/22/2016 | ND | 43 | 270 |
| SS36-0.5 | 6/22/2016 | ND | 180 | 1,700 |
| SS37-0.5 | 6/22/2016 | ND | 5.1 | 61 |
| SS37-0.5DUP | 6/22/2016 | ND | 10 | 170 |
| SS38-0.5 | 6/22/2016 | ND | 18 | 200 |
| SS39-0.5 | 6/22/2016 | ND | 30 | 530 |
| SS40-0.5 | 6/22/2016 | ND | 3.0 | 52 |
| SS41-0.5 | 6/21/2016 | ND | ND | ND |
| SS42-0.5 | 6/22/2016 | ND | 1.6 | 17 |
| SS43-0.5 | 6/22/2016 | ND | 12 | 89 |
| SS43-0.5DUP | 6/22/2016 | ND | 13 | 87 |
| SS44-0.5 | 6/22/2016 | ND | 91 | 1,200 |
| SS45-0.5 | 6/22/2016 | ND | 19 | 170 |
| SS46-0.5 | 6/22/2016 | ND | ND | 30 |
| SS47-0.5 | 6/22/2016 | ND | 43 | 570 |
| SS48-0.5 | 6/22/2016 | ND | 9.6 | 150 |
| SS49-0.5 | 6/22/2016 | ND | 29 | 260 |
| SS50-0.5 | 6/22/2016 | ND | 93 | 120 |
| SS55-0.5 | 6/23/2016 | ND | 47 | 83 |
| SS56-0.5 | 6/23/2016 | ND | 77 | 390 |
| SS57-0.5 | 6/24/2016 | ND | ND | ND |
| SS58-10.5 | 6/24/2016 | ND | ND | ND |
| SS59-10.5 | 6/24/2016 | ND | ND | ND |
| SS60-10.5 | 6/23/2016 | ND | ND | ND |
| SS61-10.5 | 6/23/2016 | ND | ND | ND |
| SS62-10.5 | 6/23/2016 | ND | 47 | 8.4 |
| SS63-10.5 | 6/23/2016 | ND | 96 | 28 |
| SS64-10.5 | 6/24/2016 | ND | ND | ND |
| SS65-10.5 | 6/24/2016 | ND | ND | ND |
| SS66-0.5 | 6/24/2016 | ND | 110 | 1,800 |
| SS67-0.5 | 6/23/2016 | ND | 68 | 68 |
| SS67-0.5DUP | 6/23/2016 | ND | 56 | 79 |
| SS68-0.5 | 6/23/2016 | ND | 48 | 92 |
| SS97-0.5 | 6/22/2016 | ND | ND | ND |
| SS98-0.5 | 6/23/2016 | ND | 48 | 52 |
| SS98-0.5DUP | 6/23/2016 | ND | 97 | 39 |
| SS99-0.5 | 6/23/2016 | ND | 66 | 49 |
| SS100-0.5 | 8/2/2016 | ND | 4.5 | 36 |

NOTES:

MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 MSSL = Maximum Soil Screening Level for groundwater 20-150 feet below ground surface
 ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, February 2016
 ND = Indicates constituent not detected at or above the MDL
 TPH-g = total petroleum hydrocarbons as gas
 TPH-d = total petroleum hydrocarbons as diesel
 TPH-o = total petroleum hydrocarbons as oil
 mg/kg = milligrams per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL

TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | Sample ID: | | | | SS4-0.5 | SS5-0.5 | SS6-0.5 | SS7-0.5 | | |
|--------------------------------|-----------------|---------|------|------------------|---------------------------|------------------|---------------|--------------|---------------|---------------|
| | Date Collected: | | | | 6/22/2016 | 6/24/2016 | 6/23/2016 | 6/23/2016 | | |
| | MDLs | RDLs | RSL | DTSC-SL | VOC Concentration (ug/kg) | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1,1-Trichloroethane | 0.1245 | -0.198 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1,2,2-Tetrachloroethane | 0.2407 | -0.3828 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1,2-Trichloroethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | -0.9768 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1-Dichloroethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1-Dichloroethene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,1-Dichloropropene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2,3-Trichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2,3-Trichloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2,4-Trichlorobenzene | 0.2739 | -0.4356 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2,4-Trimethylbenzene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2-Dibromo-3-chloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2-Dibromoethane | 0.0996 | -0.1584 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2-Dichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2-Dichloroethane | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,2-Dichloropropane | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,3,5-Trimethylbenzene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,3-Dichlorobenzene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,3-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 1,4-Dichlorobenzene | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 2,2-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | |
| 2-Butanone (MEK) | 0.5976 | -0.9504 | 83 | -132 | 27,000,000 | NE | ND | ND | 2.0 J | 4.2 J |
| 2-Chloroethyl Vinyl Ether | 0.249 | -0.396 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| 4-Isopropyltoluene | 0.2241 | -0.3564 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | -0.2244 | 4.15 | -6.6 | 33,000,000 | NE | ND | ND | ND | ND |
| Acetone | 8.3 | -13.2 | 83 | -132 | 61,000,000 | NE | 13 J | 13J | 20 J | 31 J |
| Allyl Chloride | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Benzene | 0.1494 | -0.2376 | 4.15 | -6.6 | 1,200 | 330 | 2.1 J | 3.7J | 2.3 J | 0.46 J |
| Bromobenzene | 0.249 | -0.396 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Bromochloromethane | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Bromodichloromethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Bromoform | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Bromomethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Carbon Tetrachloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Chlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Chlorodibromomethane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Chloroethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Chloroform | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Chloromethane | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| cis-1,3-dichloropropene | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| cis-1,4-dichloro-2-butene | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Di-isopropyl ether (DIPE) | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Dibromomethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Dichlorodifluoromethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Ethyl-terbutylether (ETBE) | 0.3486 | -0.5544 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Ethylbenzene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | NA | ND | 0.31J | ND | ND |
| Hexachlorobutadiene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Isopropylbenzene | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| m and p-Xylene | 0.1743 | -0.2772 | 4.15 | -6.6 | 1,100,000 | NE | ND | 0.41J | 0.30 J | ND |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | -0.33 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Methylene chloride | 0.1826 | -0.2904 | 4.15 | -6.6 | 57,000 | 1,900 | 0.28 J | 0.26J | 0.31 J | ND |
| N-butylbenzene | 0.1328 | -0.2112 | 4.15 | -6.6 | 3,900,000 | 1,200,000 | ND | ND | ND | ND |
| N-propylbenzene | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Naphthalene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| o-Xylene | 0.1079 | -0.1716 | 4.15 | -6.6 | NA | NA | ND | 0.27J | ND | ND |
| Sec-butylbenzene | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Styrene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| t-Butyl alcohol (TBA) | 7.304 | -11.616 | 8.3 | -13.2 | NA | NA | ND | ND | ND | ND |
| Tert-amylmethylether (TAME) | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Tert-butylbenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Tetrachloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Toluene | 0.1909 | -0.3036 | 4.15 | -6.6 | 4,900,000 | 1,100,000 | 0.67 J | 1.8J | 0.88 J | ND |
| trans-1,2-dichloroethene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| trans-1,3-dichloropropene | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| trans-1,4-dichloro-2-butene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Trichloroethene | 0.3237 | -0.5148 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Trichlorofluoromethane | 0.2075 | -0.33 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Vinyl Chloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | NA | ND | ND | ND | ND |
| Xylenes (Total) | 0.3735 | -0.594 | 4.15 | -6.6 | NA | NA | ND | 0.68J | ND | ND |
| | | | | Dilution Factor: | 1.16 | 1.14 | 1.09 | 1.22 | | |

NOTES:
 VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated May 2016
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established

TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | | | | | SS27-0.5 | SS28-0.5 | SS31-0.5 | SS32-0.5 | SS35-0.5 | SS36-0.5 | SS37-0.5 | SS37-0.5DUP | |
|--------------------------------|--------|----------|------|-------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|------|
| | | | | | Date | 6/24/2016 | 6/24/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | |
| | MDLs | RDLs | RSL | | VOC Concentration (ug/kg) | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | - 0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,1-Trichloroethane | 0.1245 | - 0.198 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2,2-Tetrachloroethane | 0.2407 | - 0.3828 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichloroethane | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | - 0.9768 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloropropene | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichloropropane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trichlorobenzene | 0.2739 | - 0.4356 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trimethylbenzene | 0.2324 | - 0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dibromo-3-chloropropane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dibromoethane | 0.0996 | - 0.1584 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloroethane | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloropropane | 0.2822 | - 0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3,5-Trimethylbenzene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichlorobenzene | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichloropropane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,4-Dichlorobenzene | 0.1992 | - 0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 2,2-Dichloropropane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 2-Butanone (MEK) | 0.5976 | - 0.9504 | 83 | -132 | 27,000,000 | 2.8J | 1.7J | ND | 0.86 J | 2.3 J | 2.8 J | 3.5 J | |
| 2-Chloroethyl Vinyl Ether | 0.249 | - 0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 2-Chlorotoluene | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 4-Chlorotoluene | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 4-Isopropyltoluene | 0.2241 | - 0.3564 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | - 0.2244 | 4.15 | -6.6 | 33,000,000 | 1.2J | ND | ND | ND | ND | ND | ND | |
| Acetone | 8.3 | - 13.2 | 83 | -132 | 61,000,000 | 29J | 12J | ND | 85 J | 20 J | 30 J | 18 J | |
| Allyl Chloride | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Benzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | 1,200 | 1.1J | 1.3J | 1.2J | 1.3 J | 0.95 J | 1.5 J | ND | |
| Bromobenzene | 0.249 | - 0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Bromochloromethane | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Bromodichloromethane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Bromoform | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Bromomethane | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Carbon Tetrachloride | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Chlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Chlorodibromomethane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Chloroethane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Chloroform | 0.1411 | - 0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Chloromethane | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| cis-1,2-Dichloroethene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| cis-1,3-dichloropropene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| cis-1,4-dichloro-2-butene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Di-isopropyl ether (DIPE) | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Dibromomethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Dichlorodifluoromethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Ethyl-tertbutylether (ETBE) | 0.3486 | - 0.5544 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Ethylbenzene | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Hexachlorobutadiene | 0.3154 | - 0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Isopropylbenzene | 0.1411 | - 0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| m and p-Xylene | 0.1743 | - 0.2772 | 4.15 | -6.6 | 1,100,000 | 0.26J | 1.1J | ND | ND | ND | ND | 0.24 J | |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Methylene chloride | 0.1826 | - 0.2904 | 4.15 | -6.6 | 57,000 | 1.1J | 0.68J | ND | ND | ND | 0.25 J | 0.28 J | |
| N-butylbenzene | 0.1328 | - 0.2112 | 4.15 | -6.6 | 3,900,000 | ND | ND | ND | ND | ND | ND | ND | |
| N-propylbenzene | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Naphthalene | 0.2324 | - 0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| o-Xylene | 0.1079 | - 0.1716 | 4.15 | -6.6 | NA | ND | 0.40J | ND | ND | ND | ND | ND | |
| Sec-butylbenzene | 0.2822 | - 0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Styrene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| t-Butyl alcohol (TBA) | 7.304 | - 11.616 | 8.3 | -13.2 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Tert-amylmethylether (TAME) | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Tert-butylbenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Tetrachloroethene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Toluene | 0.1909 | - 0.3036 | 4.15 | -6.6 | 4,900,000 | 0.79J | 0.62J | 0.57J | 0.60 J | 0.40 J | 0.57 J | 0.65 J | |
| trans-1,2-dichloroethene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| trans-1,3-dichloropropene | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| trans-1,4-dichloro-2-butene | 0.3154 | - 0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Trichloroethene | 0.3237 | - 0.5148 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Trichlorofluoromethane | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Vinyl Chloride | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| Xylenes (Total) | 0.3735 | - 0.594 | 4.15 | -6.6 | NA | ND | 1.5J | ND | ND | ND | ND | ND | |
| | | | | | Dil | 1.09 | 1.04 | 1.14 | 1.19 | 0.83 | 1.16 | 1.09 | 1.11 |

NOTES:
 VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated Mar
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established



TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | Dat | | | SS38-0.5 | SS39-0.5 | SS40-0.5 | SS41-0.5 | SS42-0.5 | SS43-0.5 | SS43.05DUP | SS44-0.5 | | |
|--------------------------------|-----------|----------|------|---------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| | 6/22/2016 | | | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | | |
| | MDLs | RDLs | RSL | VOC Concentration (ug/kg) | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | - 0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,1-Trichloroethane | 0.1245 | - 0.198 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2,2-Tetrachloroethane | 0.2407 | - 0.3828 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichloroethane | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | - 0.9768 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloropropene | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichloropropane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trichlorobenzene | 0.2739 | - 0.4356 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trimethylbenzene | 0.2324 | - 0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | 0.28 J | ND | |
| 1,2-Dibromo-3-chloropropane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dibromoethane | 0.0996 | - 0.1584 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloroethane | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloropropane | 0.2822 | - 0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3,5-Trimethylbenzene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichlorobenzene | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichloropropane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 1,4-Dichlorobenzene | 0.1992 | - 0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 2,2-Dichloropropane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | |
| 2-Butanone (MEK) | 0.5976 | - 0.9504 | 83 | -132 | 27,000,000 | 0.83 J | ND | 3.4 J | ND | 3.2 J | ND | 5.4 J | 2.0 J |
| 2-Chloroethyl Vinyl Ether | 0.249 | - 0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Isopropyltoluene | 0.2241 | - 0.3564 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | - 0.2244 | 4.15 | -6.6 | 33,000,000 | ND | ND | ND | 0.88 J | ND | 0.31 J | ND | ND |
| Acetone | 8.3 | - 13.2 | 83 | -132 | 61,000,000 | 14 J | 11 J | 24 J | ND | 19 J | 9.5 J | 19 J | 16 J |
| Allyl Chloride | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | 1,200 | 0.85 J | 0.31 J | ND | 1.6 J | 0.67 J | 0.20 J | 2.3 J | 0.79 J |
| Bromobenzene | 0.249 | - 0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.1826 | - 0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon Tetrachloride | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 0.1411 | - 0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,4-dichloro-2-butene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Di-isopropyl ether (DIPE) | 0.1743 | - 0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethyl-tertbutylether (ETBE) | 0.3486 | - 0.5544 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | 0.57 J | ND | ND |
| Hexachlorobutadiene | 0.3154 | - 0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 0.1411 | - 0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| m and p-Xylene | 0.1743 | - 0.2772 | 4.15 | -6.6 | 1,100,000 | ND | ND | ND | 0.21 J | ND | 0.74 J | ND | ND |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 0.1826 | - 0.2904 | 4.15 | -6.6 | 57,000 | ND | 0.28 J | ND | ND | ND | 0.54 J | ND | ND |
| N-butylbenzene | 0.1328 | - 0.2112 | 4.15 | -6.6 | 3,900,000 | ND | ND | 0.33 J | ND | ND | ND | ND | ND |
| N-propylbenzene | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | 0.2324 | - 0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| o-Xylene | 0.1079 | - 0.1716 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | 0.36 J | ND | ND |
| Sec-butylbenzene | 0.2822 | - 0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| t-Butyl alcohol (TBA) | 7.304 | - 11.616 | 8.3 | -13.2 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-amylmethylether (TAME) | 0.1577 | - 0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-butylbenzene | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.166 | - 0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 0.1909 | - 0.3036 | 4.15 | -6.6 | 4,900,000 | 0.40 J | ND | ND | 0.54 J | 0.46 J | ND | 2.3 J | 0.39 J |
| trans-1,2-dichloroethene | 0.1909 | - 0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | 0.1162 | - 0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-dichloro-2-butene | 0.3154 | - 0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 0.3237 | - 0.5148 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 0.2075 | - 0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.1494 | - 0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes (Total) | 0.3735 | - 0.594 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | 1.1 J | ND | ND |
| | | | | | Dil | 0.98 | 0.91 | 1.19 | 1.32 | 0.89 | 0.89 | 0.94 | 0.91 |

NOTES:

VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated Mar
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established



TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | | | | SS45-0.5 | SS46-0.5 | SS47-0.5 | SS48-0.5 | SS49-0.5 | SS50-0.5 | SS55-0.5 | SS56-0.5 | SS57-0.5 | |
|--------------------------------|--------|----------|-----------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| | | | | Dat | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/22/2016 | 6/23/2016 | 6/23/2016 | 6/24/2016 | |
| | MDLs | RDLs | RSL | VOC Concentration (ug/kg) | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | - 0.3168 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,1-Trichloroethane | 0.1245 | - 0.198 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2,2-Tetrachloroethane | 0.2407 | - 0.3828 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichloroethane | 0.1826 | - 0.2904 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | - 0.9768 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethane | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloroethene | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,1-Dichloropropene | 0.1743 | - 0.2772 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichlorobenzene | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,3-Trichloropropane | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trichlorobenzene | 0.2739 | - 0.4356 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2,4-Trimethylbenzene | 0.2324 | - 0.3696 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dibromo-3-chloropropane | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dibromoethane | 0.0996 | - 0.1584 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichlorobenzene | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloroethane | 0.1162 | - 0.1848 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,2-Dichloropropane | 0.2822 | - 0.4488 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,3,5-Trimethylbenzene | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichlorobenzene | 0.1743 | - 0.2772 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,3-Dichloropropane | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 1,4-Dichlorobenzene | 0.1992 | - 0.3168 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 2,2-Dichloropropane | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | |
| 2-Butanone (MEK) | 0.5976 | - 0.9504 | 83 -132 | 27,000,000 | 10 J | 0.90 J | 3.9 J | 2.3 J | 3.5 J | 1.5 J | 1.9 J | 0.83 J | 2.0J |
| 2-Chloroethyl Vinyl Ether | 0.249 | - 0.396 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.2075 | - 0.33 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.1826 | - 0.2904 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Isopropyltoluene | 0.2241 | - 0.3564 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | - 0.2244 | 4.15 -6.6 | 33,000,000 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 8.3 | - 13.2 | 83 -132 | 61,000,000 | 53 J | 17 J | 31 J | 21 J | 26 J | 14 J | 16 J | 16 J | 14J |
| Allyl Chloride | 0.1162 | - 0.1848 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 0.1494 | - 0.2376 | 4.15 -6.6 | 1,200 | 1.1 J | 1.7 J | 0.51 J | 0.59 J | 1.4 J | 1.2 J | 1.7 J | 1.5 J | 1.6J |
| Bromobenzene | 0.249 | - 0.396 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | 2.0 J | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.1826 | - 0.2904 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon Tetrachloride | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 0.1411 | - 0.2244 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 0.1743 | - 0.2772 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,4-dichloro-2-butene | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Di-isopropyl ether (DIPE) | 0.1743 | - 0.2772 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethyl-tertbutylether (ETBE) | 0.3486 | - 0.5544 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.2075 | - 0.33 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 0.3154 | - 0.5016 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 0.1411 | - 0.2244 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| m and p-Xylene | 0.1743 | - 0.2772 | 4.15 -6.6 | 1,100,000 | ND | ND | 0.31 J | ND | 0.30 J | 0.48 J | ND | 0.25 J | ND |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | - 0.33 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 0.1826 | - 0.2904 | 4.15 -6.6 | 57,000,000 | 0.34 J | ND | ND | ND | ND | ND | ND | ND | 0.35J |
| N-butylbenzene | 0.1328 | - 0.2112 | 4.15 -6.6 | 3,900,000 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| N-propylbenzene | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | 0.2324 | - 0.3696 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| o-Xylene | 0.1079 | - 0.1716 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sec-butylbenzene | 0.2822 | - 0.4488 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| t-Butyl alcohol (TBA) | 7.304 | - 11.616 | 8.3 -13.2 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-amylmethylether (TAME) | 0.1577 | - 0.2508 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-butylbenzene | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.166 | - 0.264 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | 0.44 J | ND | ND | ND |
| Toluene | 0.1909 | - 0.3036 | 4.15 -6.6 | 4,900,000 | 0.74 J | 0.77 J | 0.42 J | 0.37 J | 0.78 J | ND | 0.68 J | 0.64 J | 0.63J |
| trans-1,2-dichloroethene | 0.1909 | - 0.3036 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | 0.1162 | - 0.1848 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-dichloro-2-butene | 0.3154 | - 0.5016 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 0.3237 | - 0.5148 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 0.2075 | - 0.33 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.1494 | - 0.2376 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes (Total) | 0.3735 | - 0.594 | 4.15 -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | Dilt | 1.16 | 1.22 | 1.32 | 1.32 | 1.25 | 1.02 | 1.14 | 1.11 | 1.02 |

NOTES:

VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated Mar
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established

TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | | | | | SS58-10.5 | SS59-10.5 | SS60-10.5 | SS61-10.5 | SS62-10.5 | SS63-10.5 | SS64-10.5 | SS65-10.5 | SS66-0.5 |
|--------------------------------|--------|---------|------|-------|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| | Date | | | | 6/24/2016 | 6/24/2016 | 6/23/2016 | 6/23/2016 | 6/23/2016 | 6/23/2016 | 6/24/2016 | 6/24/2016 | 6/24/2016 |
| | MDLs | RDLs | RSL | | VOC Concentration (ug/kg) | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 0.1245 | -0.198 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.2407 | -0.3828 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | -0.9768 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 0.2739 | -0.4356 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.0996 | -0.1584 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3,5-Trimethylbenzene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 0.5976 | -0.9504 | 83 | -132 | 27,000,000 | ND | ND | ND | ND | ND | ND | ND | 2.1J |
| 2-Chloroethyl Vinyl Ether | 0.249 | -0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Isopropyltoluene | 0.2241 | -0.3564 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | -0.2244 | 4.15 | -6.6 | 33,000,000 | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 8.3 | -13.2 | 83 | -132 | 61,000,000 | ND | ND | ND | ND | ND | ND | ND | 11J |
| Allyl Chloride | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 0.1494 | -0.2376 | 4.15 | -6.6 | 1,200 | ND | 0.22J | 0.47 J | 0.51 J | 0.34 J | 0.43 J | 0.93J | 1.7J 0.58J |
| Bromobenzene | 0.249 | -0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon Tetrachloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,4-dichloro-2-butene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Di-isopropyl ether (DIPE) | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethyl-terbutylether (ETBE) | 0.3486 | -0.5544 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| m and p-Xylene | 0.1743 | -0.2772 | 4.15 | -6.6 | 1,100,000 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 0.1826 | -0.2904 | 4.15 | -6.6 | 57,000 | ND | ND | ND | ND | ND | 0.47J | 0.25J | ND |
| N-butylbenzene | 0.1328 | -0.2112 | 4.15 | -6.6 | 3,900,000 | ND | ND | ND | ND | ND | ND | ND | ND |
| N-propylbenzene | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| o-Xylene | 0.1079 | -0.1716 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Sec-butylbenzene | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| t-Butyl alcohol (TBA) | 7.304 | -11.616 | 8.3 | -13.2 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-amylmethylether (TAME) | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tert-butylbenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 0.1909 | -0.3036 | 4.15 | -6.6 | 4,900,000 | ND | ND | 0.32 J | 0.26 J | 0.28 J | 0.27 J | 0.45J | 0.60J 0.26J |
| trans-1,2-dichloroethene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-dichloro-2-butene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 0.3237 | -0.5148 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes (Total) | 0.3735 | -0.594 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | Dilt | 1.00 | 1.00 | 1.14 | 1.11 | 1.14 | 1.16 | 1.32 | 0.96 0.89 |

NOTES:
 VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated Mar
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established

TABLE 7
 Summary of Soil Matrix Sample VOC Results
 Thomas Jefferson High School PEA-Equivalent
 1319 E. 41st Street, Los Angeles, CA

| VOCs by EPA Method 8260B | | | | SS67-0.5 | SS67-0.5DUP | SS68-0.5 | SS97-0.5 | SS98-0.5 | SS98-0.5DUP | SS99-0.5 | SS100-0.5 | |
|--------------------------------|--------|---------|------|---------------------------|-------------|-----------|-----------|-----------|-------------|-----------|-----------|---------------|
| | | | | Da | 6/23/2016 | 6/23/2016 | 6/23/2016 | 6/22/2016 | 6/23/2016 | 6/23/2016 | 6/22/2016 | |
| | MDLs | RDLs | RSL | VOC Concentration (ug/kg) | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 0.1245 | -0.198 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.2407 | -0.3828 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichlorotrifluoroethane | 0.6142 | -0.9768 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 0.2739 | -0.4356 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.0996 | -0.1584 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,3,5-Trimethylbenzene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 0.1992 | -0.3168 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 0.5976 | -0.9504 | 83 | -132 | 27,000,000 | 2.0 J | 1.3 J | 1.8 J | ND | ND | ND | 2.1 J 1.4 J |
| 2-Chloroethyl Vinyl Ether | 0.249 | -0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 2-Chlorotoluene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 4-Chlorotoluene | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 4-Isopropyltoluene | 0.2241 | -0.3564 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 0.1411 | -0.2244 | 4.15 | -6.6 | 33,000,000 | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 8.3 | -13.2 | 83 | -132 | 61,000,000 | 14 J | 16 J | 14 J | ND | 16 J | ND | 20 J ND |
| Allyl Chloride | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 0.1494 | -0.2376 | 4.15 | -6.6 | 1,200 | 1.9 J | 2.3J | 1.4 J | 1.3 J | 1.6 J | 0.41 J | 2.1 J 0.57 J |
| Bromobenzene | 0.249 | -0.396 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 0.1826 | -0.2904 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Carbon Tetrachloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-dichloropropene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| cis-1,4-dichloro-2-butene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Di-isopropyl ether (DIPE) | 0.1743 | -0.2772 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Ethyl-terbutylether (ETBE) | 0.3486 | -0.5544 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Hexachlorobutadiene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 0.1411 | -0.2244 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| m and p-Xylene | 0.1743 | -0.2772 | 4.15 | -6.6 | 1,100,000 | ND | 0.23 J | ND | ND | ND | ND | 0.29 J ND |
| Methyl-t-butyl Ether (MTBE) | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Methylene chloride | 0.1826 | -0.2904 | 4.15 | -6.6 | 57,000 | 0.23 J | ND | ND | ND | ND | ND | ND |
| N-butylbenzene | 0.1328 | -0.2112 | 4.15 | -6.6 | 3,900,000 | ND | ND | ND | ND | ND | ND | ND |
| N-propylbenzene | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Naphthalene | 0.2324 | -0.3696 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| o-Xylene | 0.1079 | -0.1716 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Sec-butylbenzene | 0.2822 | -0.4488 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| t-Butyl alcohol (TBA) | 7.304 | -11.616 | 8.3 | -13.2 | NA | ND | ND | ND | ND | ND | ND | ND |
| Tert-amylmethylether (TAME) | 0.1577 | -0.2508 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Tert-butylbenzene | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 0.166 | -0.264 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 0.1909 | -0.3036 | 4.15 | -6.6 | 4,900,000 | 0.78 J | 1.0 J | 0.61 J | 0.44J | 0.57 J | ND | 0.98 J 0.31 J |
| trans-1,2-dichloroethene | 0.1909 | -0.3036 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-dichloropropene | 0.1162 | -0.1848 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-dichloro-2-butene | 0.3154 | -0.5016 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 0.3237 | -0.5148 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 0.2075 | -0.33 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Vinyl Chloride | 0.1494 | -0.2376 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| Xylenes (Total) | 0.3735 | -0.594 | 4.15 | -6.6 | NA | ND | ND | ND | ND | ND | ND | ND |
| | | | | | Dilt | 1.00 | 1.06 | 1.06 | 0.91 | 1.09 | 1.00 | 0.98 1.06 |

NOTES:
 VOC = Volatile Organic Compound
 DUP = Duplicate
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 ND = Indicates constituent not detected at or above the MDL
 RSL = Regional Screening Level, Environmental Protection Agency (Pacific Southwest, Region 9), updated Mar
 DTSC-SLs = Department of Toxic Substance Control Modified Screening Levels, updated June 2016
 ug/kg = micrograms per kilogram
 J = Analyte was detected; however, result is an estimated value between the RDL and the MDL
 NA = not applicable
 NE = not established

Table 8: Estimated Volumes of Impacted Soil
 Thomas Jefferson High School
 1319 E. 41st Street, Los Angeles, California

| Boring Area | Depth to Clean Sample | COC | Surface Area (feet sq.) | Volume Cubic Feet | Volume (cubic yards) |
|--------------------------------------|-----------------------|--------|-------------------------|-------------------|----------------------|
| SS1 | 1 | Pb | 100 | 100 | 3.70 |
| SS2D | 2 | Pb | 65 | 130 | 4.81 |
| SS2 | 1 | Pb | 60 | 60 | 2.22 |
| SS21 | 1 | Pb | 50 | 50 | 1.85 |
| SS22 | 1 | Pb | 32 | 32 | 1.19 |
| SS27C | 2 | Pb, As | 400 | 800 | 29.63 |
| SS27D | 1 | Pb, As | 300 | 300 | 11.11 |
| SS32 | 1 | Pb | 160 | 160 | 5.93 |
| SS38 | 1 | Pb | 80 | 80 | 2.96 |
| SS43 | 1 | Pb | 80 | 54 | 2.00 |
| SS47 | 1 | Pb | 80 | 56 | 2.07 |
| SS53 | 1 | Pb | 50 | 60 | 2.22 |
| SS54 | 1 | Pb | 100 | 80 | 2.96 |
| SS55 | 1 | As | 75 | 75 | 2.78 |
| SS68 | 1 | Pb | 250 | 250 | 9.26 |
| SS70 | 1 | Pb | 360 | 360 | 13.33 |
| SS73 | 1 | Pb | 200 | 200 | 7.41 |
| SS74 | 1 | Pb | 100 | 100 | 3.70 |
| SS76 | 1 | Pb | 50 | 50 | 1.85 |
| SS76C | 2 | Pb | 25 | 50 | 1.85 |
| SS77 | 1 | Pb | 100 | 100 | 3.70 |
| SS77A | 2 | Pb | 25 | 50 | 1.85 |
| SS79 | 1 | Pb | 400 | 400 | 14.81 |
| SS80 | 1 | Pb | 150 | 150 | 5.56 |
| SS82 | 1 | Pb | 50 | 50 | 1.85 |
| SS87 | 1 | Pb | 325 | 325 | 12.04 |
| SS88 | 1 | Pb, As | 75 | 75 | 2.78 |
| SS92 | 1 | Pb | 100 | 100 | 3.70 |
| SS93 | 1 | Pb | 125 | 125 | 4.63 |
| SS95 | 1 | Pb | 120 | 120 | 4.44 |
| SS96 | 1 | Pb | 170 | 170 | 6.30 |
| SS98 | 1 | Pb | 40 | 40 | 1.48 |
| SS101 | 2 | Pb/As | 100 | 200 | 7.41 |
| SS102 | 1 | Pb | 32 | 32 | 1.19 |
| SS103 | 1 | Pb | 1200 | 1200 | 44.44 |
| Total Estimated Cubic Yardage | | | | | 229.04 |

TABLE 9
Pre and Post Excavation Soil Concentrations Summary
Thomas Jefferson High School PEA-Equivalent
1319 E. 41st Street, Los Angeles, CA

| Constituent of Concern | 95% UCL Pre-Excavation | Maximum Pre-Excavation Concentration | Residential Screening Level | 95% UCL Post- Excavation | Maximum Post-Excavation Concentration |
|------------------------|---------------------------|---|--------------------------------|--------------------------------|--|
| | mg/kg | (mg/kg) | (mg/kg) | mg/kg | (mg/kg) |
| Arsenic | 6.552 | 21.1 | 12 | 4.530 | 11.5 |
| Lead | 81.41 | 848 | 80 | 36.24 | 79.1 |

NOTES:

mg/kg = milligrams per kilogram

TABLE 10
Human Health Screening Evaluation - Soil
Thomas Jefferson High School PEA-Equivalent
1319 E. 41st Street, Los Angeles, CA

Maximum Detected Concentrations

| Constituent of Concern | Maximum Detected Concentration | Sample Location | Sample Depth | Cancer Screening Level | Source | Non-Cancer Screening Level | Source | Calculated Cancer Risk | Calculated Hazard Index |
|------------------------|--------------------------------|-----------------|--------------|------------------------|--------|----------------------------|--------|------------------------|-------------------------|
| | mg/kg | | Feet BGS | (mg/kg) | | (mg/kg) | | | |
| Arsenic | 21.1 | SS101 | 0-0.5 | 0.11 | Note 3 | 0.40 | Note 3 | 1.92E-03 | 5.28E+01 |
| Lead | 848 | SS77D | 0-0.5 | ▪ | Note 3 | 80 | Note 3 | ▪ | 1.06E+01 |
| Cumulative Risk | | | | | | | | 1.92E-03 | 6.34E+01 |

95% UCL Concentrations

| Constituent of Concern | 95% UCL Concentration | Cancer Screening Level | Source | Non-Cancer Screening Level | Source | Calculated Cancer Risk | Calculated Hazard Index |
|------------------------|-----------------------|------------------------|--------|----------------------------|--------|------------------------|-------------------------|
| | mg/kg | (mg/kg) | | (mg/kg) | | | |
| Arsenic | 6.55 | 0.11 | Note 3 | 0.40 | Note 3 | 5.96E-04 | 1.64E+01 |
| Lead | 81.4 | ▪ | Note 3 | 80 | Note 3 | ▪ | 1.02E+00 |
| Cumulative Risk | | | | | | 5.96E-04 | 1.74E+01 |

NOTES:

▪ = Not Applicable

mg/kg = milligrams per kilogram

Feet BGS = feet below ground surface

UCL = Upper Confidence Limit

Figures

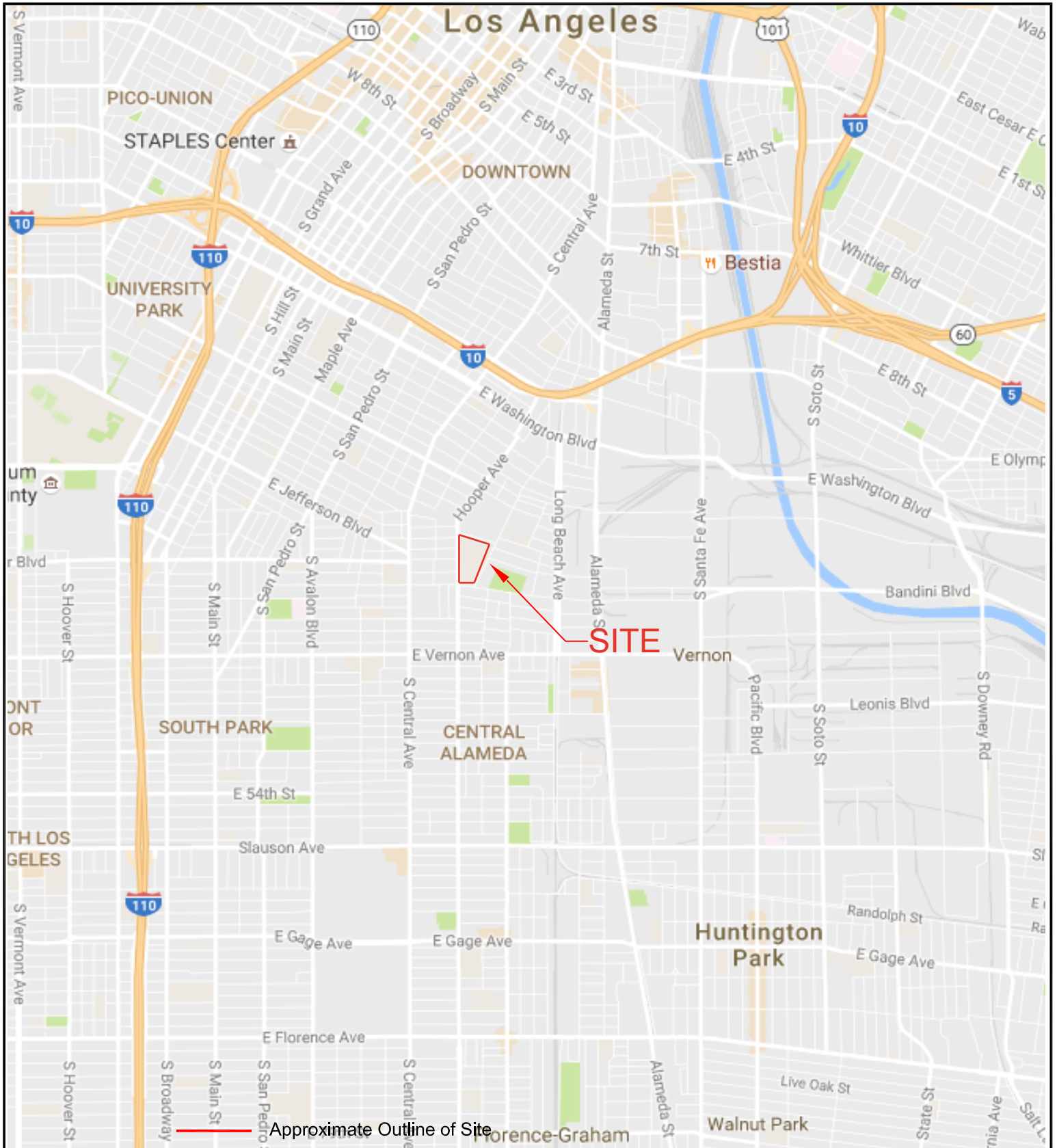


FIGURE 1: SITE LOCATION MAP

CLIENT:
Los Angeles Unified School District

PROJECT #: LAUS-16-6101

SITE LOCATION: Thomas Jefferson High School
1319 East 41st Street,
Los Angeles, California



ALTA
ENVIRONMENTAL

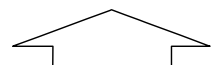
3777 Long Beach Blvd., Annex Bldg.
Long Beach, CA 90807
(562) 495-5777 www.altaenviron.com

DRAWN: BP

APPROVED: EF

SCALE:
None

DATE: 8/17/2016



NORTH



LEGEND:

- Approximate Sample Location
- Approximate Sample Locations with lead and arsenic concentrations in exceedance of acceptable screening levels

NOTE:

All location are approximate.



FIGURE 2: Sample Location Map


| | | |
|---|---|-----------------|
| CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT | DRAWN: BP | APPROVED: EF |
| SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California | SCALE: No scale | DATE: July 2016 |
| PROJ. NO.: LAUS-16-6101 |  | |
| <small>3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807 P: (562) 495-5777 • F: (562) 495-5877 • altaenviro.com</small> | | |

Figure created in color. Significant information may be lost if copied in black and white.



SOURCE : GROUND TOPOGRAPHIC AND SUBSTRUCTURE UTILITY SURVEY
 BY SURVEYING & DRAFTING SERVICES, INC. (2016)

LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E — Electrical Power Line
- W — Potable Water
- C — Communication/Cable Line
- G — Gas or Oil Line
- S — Sewer or Drain Line
- X — Unknown Utility Line
- Fire Suppression Line

Note: All Locations are Approximate



Figure 3: Southeastern Step-out Sample Locations and Area of Impacted Soil


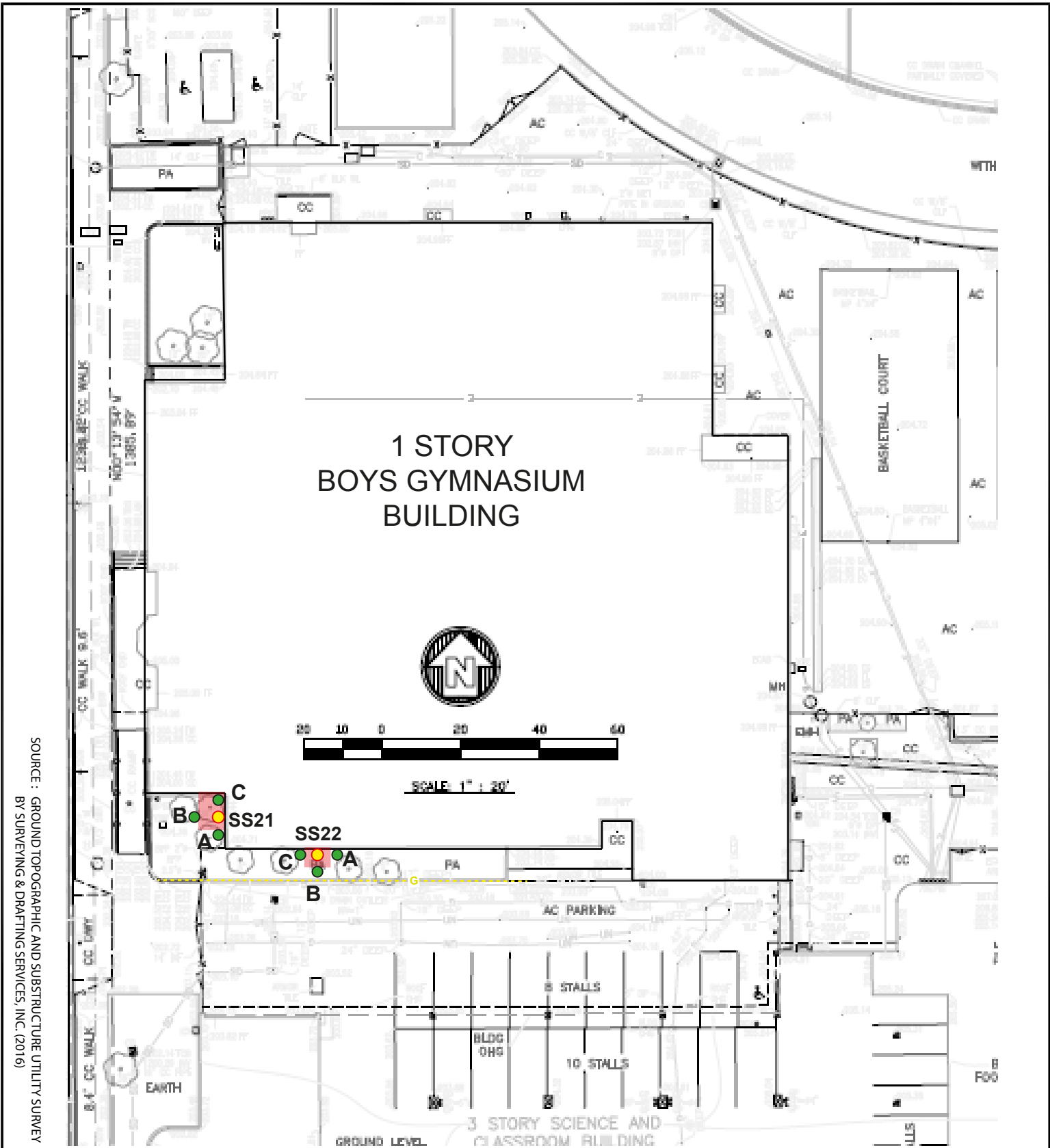
| | | |
|---|---|------------------------------------|
| CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT | DRAWN: BP SCALE: No scale | APPROVED: EF DATE: January 2017 |
| SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California | | |
| PROJ. NO.: LAUS-16-6101 |  <small>3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807 P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ altaenvi.com</small> | |

Figure created in color. Significant information may be lost if copied in black and white.



SOURCE: GROUND TOPOGRAPHIC AND SUBSTRUCTURE UTILITY SURVEY BY SURVEYING & DRAFTING SERVICES, INC. (2016)

LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E Electrical Power Line
- W Potable Water
- C Communication/Cable Line
- G Gas or Oil Line
- S Sewer or Drain Line
- X Unknown Utility Line

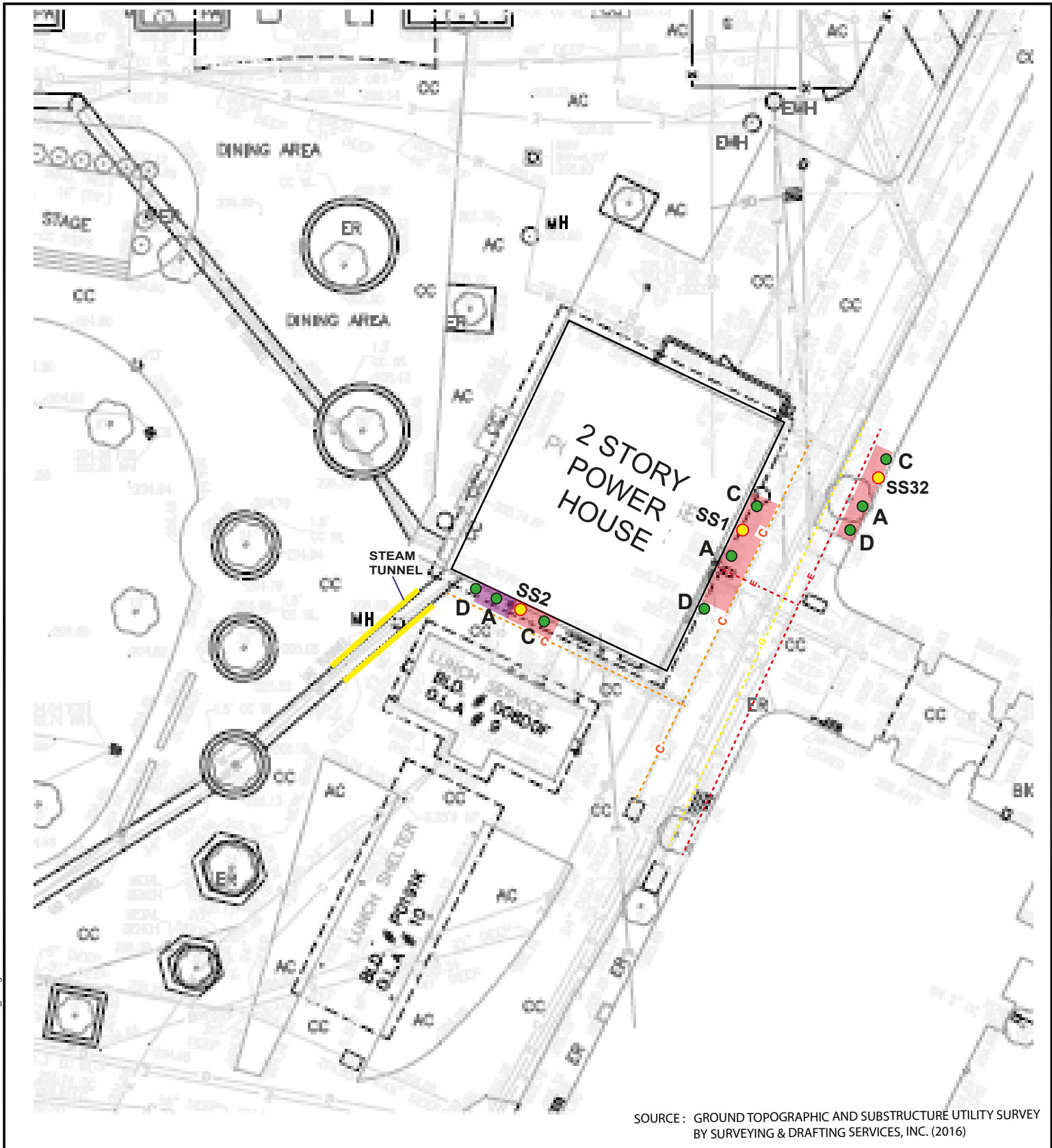
Note: All Locations are Approximate

Figure created in color. Significant information may be lost if copied in black and white.

Figure 4: Southwestern Step-Out Sample Locations and Areas of Impacted Soil (Boy's Gymnasium)

| | | |
|---|------------------------------|----------------------------------|
| CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT | DRAWN: BP SCALE: No scale | APPROVED: EF DATE: March 2017 |
| SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California | | |
| PROJ. NO.: LAUS-16-6101 | | |





SOURCE : GROUND TOPOGRAPHIC AND SUBSTRUCTURE UTILITY SURVEY BY SURVEYING & DRAFTING SERVICES, INC. (2016)

LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E — Electrical Power Line
- W — Potable Water
- C — Communication/Cable Line
- G — Gas or Oil Line
- S — Sewer or Drain Line
- X — Unknown Utility Line

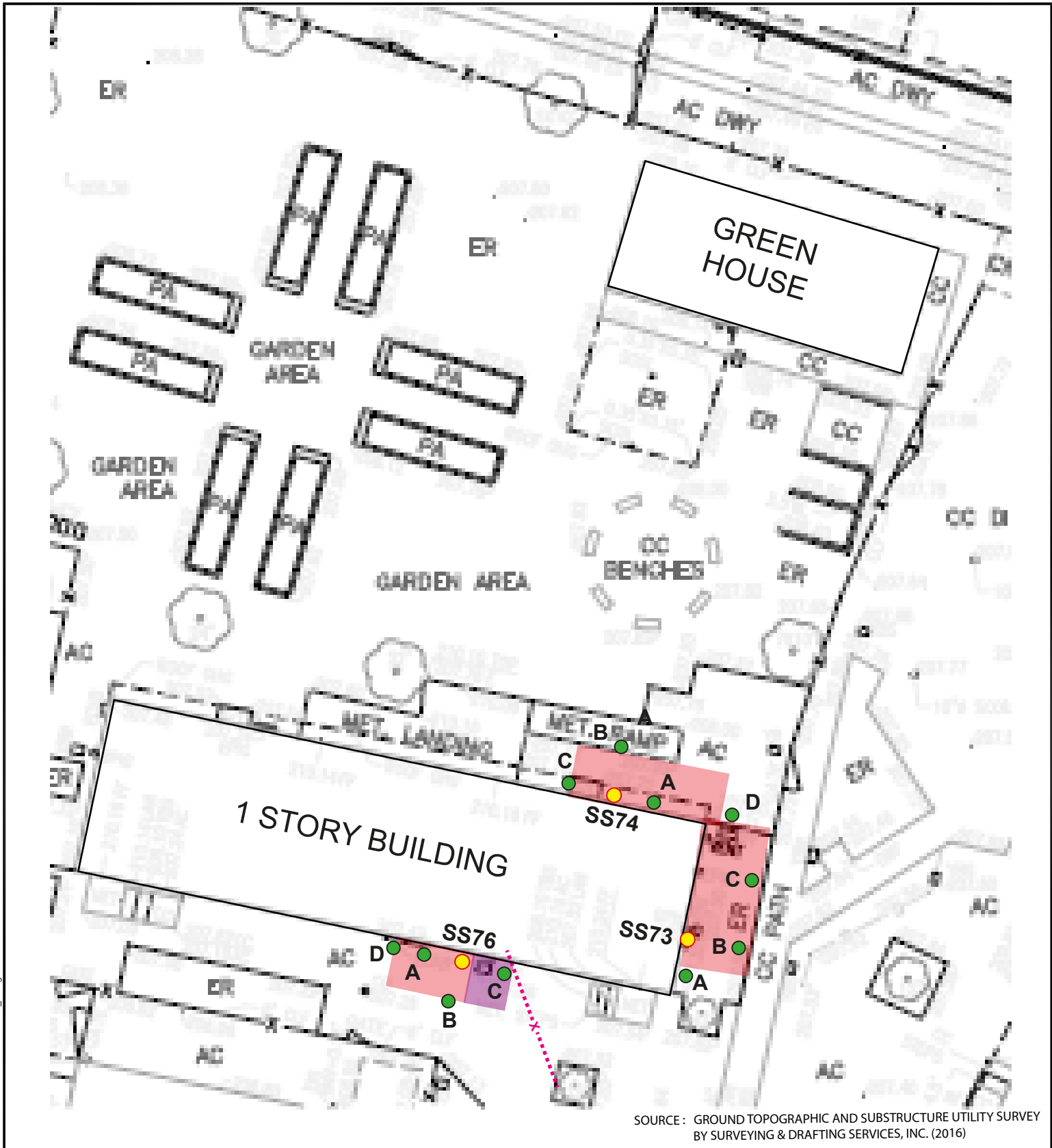
Note: All Locations are Approximate



Figure 5: Southwestern Step-Out Sample Locations and Areas of Impacted Soil (Power House)

| | | |
|---|---|--|
| <p>CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT</p> <p>SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California</p> <p>PROJ. NO.: LAUS-16-6101</p> | <p>DRAWN: BP</p> <p>SCALE: No scale</p> | <p>APPROVED: EF</p> <p>DATE: March 2017</p> |
| | | <p>3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807 P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ altaenviron.com</p> |

Figure created in color. Significant information may be lost if copied in black and white.



LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E — Electrical Power Line
- W — Potable Water
- C — Communication/Cable Line
- G — Gas or Oil Line
- S — Sewer or Drain Line
- X — Unknown Utility Line

Note: All Locations are Approximate



Figure created in color. Significant information may be lost if copied in black and white.

Figure 6: Northwestern Step-Out Sample Locations and Area of Impacted Soil

| | | |
|---|-------------------------------|----------------------------------|
| CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT | DR/ WN: BP SCALE: No scale | APPROVED: EF DATE: March 2017 |
| SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California | | |
| PROJ. NO.: LAUS-16-6101 | | |

3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807
 P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ altaenviron.com



SOURCE : GROUND TOPOGRAPHIC AND SUBSTRUCTURE UTILITY SURVEY
BY SURVEYING & DRAFTING SERVICES, INC. (2016)

LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E — Electrical Power Line
- W — Potable Water
- C — Communication/Cable Line
- G — Gas or Oil Line
- S — Sewer or Drain Line
- X — Unknown Utility Line

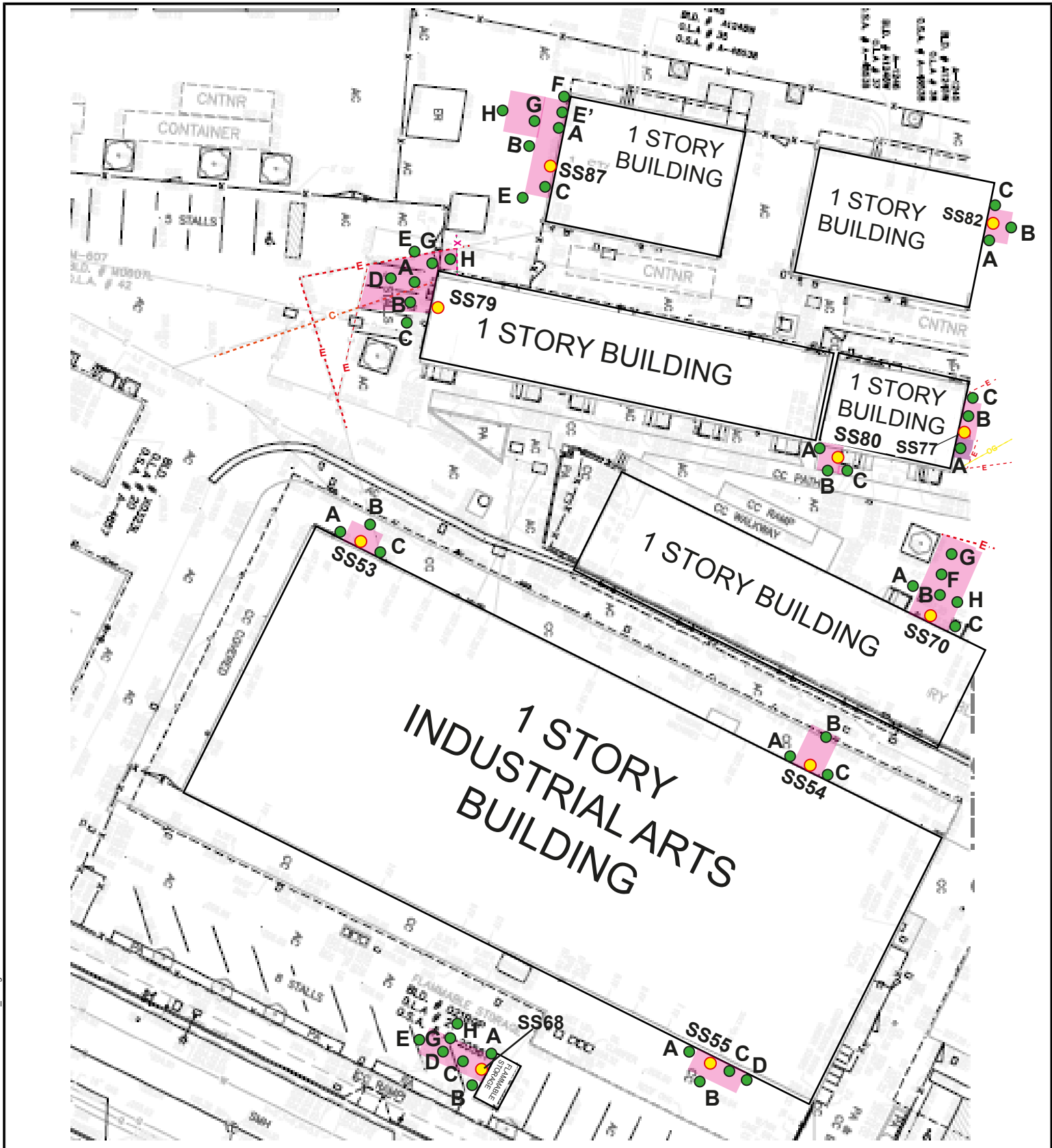
Note: All Locations are Approximate



Figure created in color. Significant information may be lost if copied in black and white.

Figure 7: Northeastern Step-Out Sample Locations and Areas of Impacted Soil (Homemaking Building)

| | |
|---|--|
| CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT | DRAWN: BP APPROVED: EF SCALE: No scale DATE: March 2017 |
| SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California | |
| PROJ. NO.: LAUS-16-6101 | 3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807 P: (562) 495-5777 • F: (562) 495-5877 • altaenviron.com |



LEGEND:

- Approximate Sample Location
- Approximate Step-out Sample Location
- Approximate Area of Impacted Soil (1 ft)
- Approximate Area of Impacted Soil (2 ft)
- E — Electrical Power Line
- W — Potable Water
- C — Communication/Cable Line
- G — Gas or Oil Line
- S — Sewer or Drain Line
- X — Unknown Utility Line

Note: All Locations are Approximate

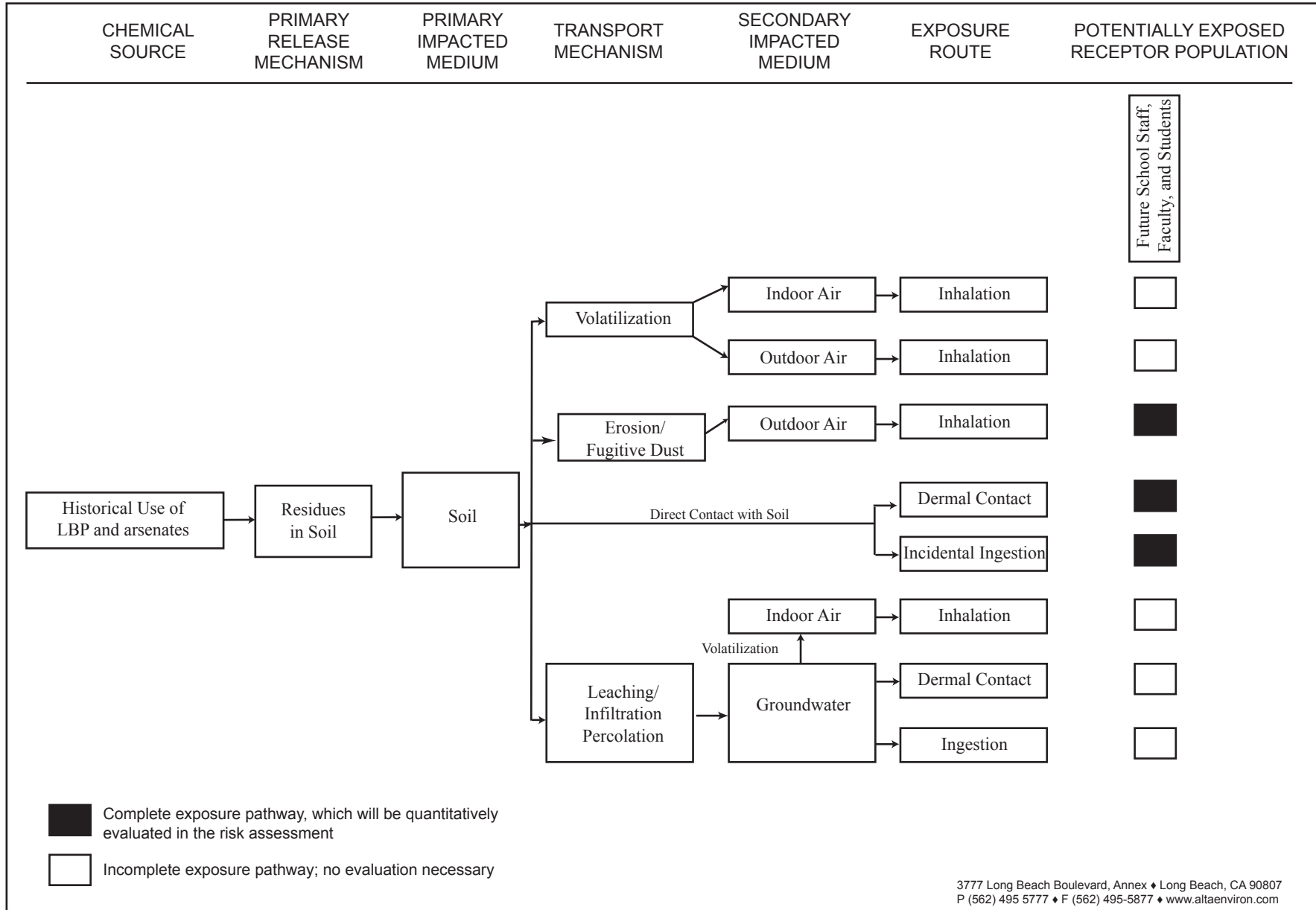
Figure created in color. Significant information may be lost if copied in black and white.

Figure 8: Northeastern Step-Out Sample Locations and Areas of Impacted Soil (Industrial Arts Building)

| | | |
|---|---|--|
| <p>CLIENT: LOS ANGELES UNIFIED SCHOOL DISTRICT</p> <p>SITE: Thomas Jefferson High School 1319 East 41st Street Los Angeles, California</p> <p>PROJ. NO.: LAUS-16-6101</p> | <p>DRAWN: BP</p> <p>SCALE: No scale</p> | <p>APPROVED: EF</p> <p>DATE: March 2017</p> |
| | | <p>3777 Long Beach Blvd, Annex Bldg, Long Beach CA 90807 P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ altaenviron.com</p> |

FIGURE 9- CONCEPTUAL SITE MODEL

Thomas Jefferson High School
 Los Angeles Unified School District
 Alta Environmental Project Number: LAUS-16-6101



Appendix A

PEA Scoping Document

May 27, 2016

Mr. Dane Robinson
Los Angeles Unified School District, Office of Environmental Health and Safety
333 South Beaudry Avenue, 28th Floor
Los Angeles, California 90011

Subject: Preliminary Endangerment Assessment (PEA) Equivalent Work Plan
Thomas Jefferson High School
1319 East 41st Street
Los Angeles, California 90011
Partner Project No. 16-158197.2

Dear Mr. Robinson:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Preliminary Endangerment Assessment (PEA) Equivalent Work Plan* which was prepared based upon the results of a *Phase I Environmental Site Assessment (Phase I ESA)* report of the abovementioned address (the "subject property").

The PEA Equivalent Work Plan consists of a table detailing sampling, analyses, locations, and sample depths and a figure detailing sampling locations for the samples.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (714) 397-3103.

Sincerely,

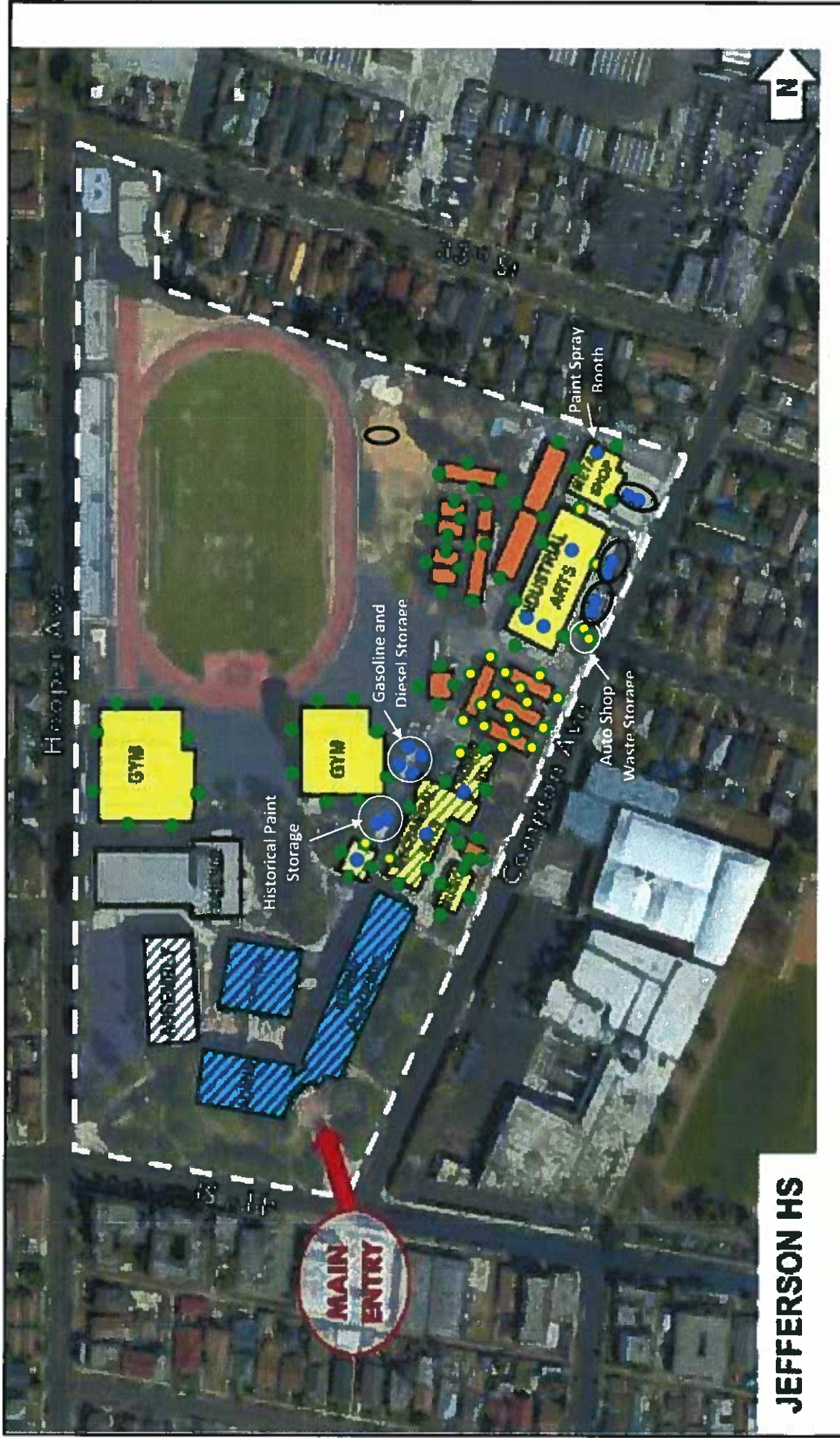


Gavin S. Jones, EP
Principal

PEA EQUIVALENT SAMPLING TABLE
JEFFERSON HIGH
SCHOOL

1319 East 41st Street
Los Angeles, California 90011

| Building or Area | Proposed Work | Construction Date | Concerns | Sampling Rationale | # Boring Locations | Analytical Methods | Sample Depths | Samples by analyses |
|---|---------------|-------------------|---|--|--------------------|---|--|---------------------|
| Boiler House | Removal | 1916 | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 4 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| (Historical Interior Storage) | Historical | (1920-1950s) | Fuel Oil, compressor oil, paint and solvent storage | Interior | 2 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 6 |
| (Historical Paint Storage Building adjacent north) | Historical | (1920-1950s) | Paint Storage (North) | Exterior Historical | 2 | TPHcc - 8015M, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 6 |
| Girls Gymnasium | Removal | | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 8 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| Boys Gymnasium | Removal | | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 8 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| Arts | Removal | 1920s - 1960s | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 8 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| (Historical Printing, Industrial Arts, Auto Repair) | Removal | | Motor oils/fluids, paint and solvents, printing inks and solvents, PCBs | Interior and Exterior | 4 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 12 |
| Modular Classrooms between Arts and Industrial Arts (4) | Removal | 1960s | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter to cover as a grid for former structures (potential sump/clarifier/ septic | 16 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| Industrial Arts | Removal | 1960s | Motor oils/fluids, paint and solvents, printing inks and solvents, PCBs | Interior and Targeted Concerns | 16 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 48 |
| | | | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 9 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| | | | Motor oils/fluids, paint and solvents, printing inks and solvents, PCBs | Interior and Targeted Concerns | 9 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 27 |
| | | | In-Ground Lifts (2) | Clarifiers (3) | 2 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 0-6", 1-1.5', 2-2.5' | 3 6 |
| | | | Spray Booth | Waste Storage (oil, fuel, coolant, solvent) | 6 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B | 1', 5', 10' | 3 18 |
| | | | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 1 | TPHcc - 8015M, VOCs - 8260B, Metals - 6010B | 0-6", 1-1.5', 2-2.5' | 3 3 |
| | | | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter | 2 | TPHcc - 8015M, PCBs - 8082, VOCs - 8260B, Metals - 6010B | 0-6", 1-1.5', 2-2.5' | 3 6 |
| Modular Classrooms (7) | Removal | 1960s | Historical Agriculture Historical Pesticides Asbestos and Lead | Perimeter (4 per building) | 28 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |
| Fuel Storage Enclosures | Removal | 1960s | Historical Agriculture Historical Pesticides Asbestos and Lead Gasoline and Diesel | Perimeter (2 per building) | 28 | OCPs - 8081A Lead - 6010/6020, 7000/6200 | 0-6", 1-1.5', 2-2.5' 0-6", 1-1.5', 2-2.5' | 3 3 3 |



JEFFERSON HS

- HISTORIC BUILDING
 - BUILDING TO BE RENOVATED
 - BUILDING TO BE REMOVED
 - PORTABLE TO BE REMOVED
-
- Sample Location for TPHcc, VOCs, Metals, and/or PCBs
 - Sample Location for OCPs, Lead, Arsenic
 - Sample Location for OCPs, Lead, Arsenic, TPHcc, VOCs, Metals, and/or PCBs
-
- Clarifier Locations

ATTACHMENT: SAMPLE LOCATION MAP
 Project No. 16-158197.2

Appendix B

Site Specific Health and Safety Plan (HASP)



HEALTH & SAFETY PLAN FOR IMPLEMENTATION OF PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA)

Jefferson High School Comprehensive
Modernization Project
1319 East 41st Street, Los Angeles, California

Prepared for

Los Angeles Unified School District
Office of Environmental Health & Safety

LAUS-16-6101
June 15, 2016

Eric Fraske
Project Manager/Senior III

6/14/2016

Date

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1 APPLICABLE STANDARDS AND GOALS

1.1 Administration Information

Site Name: Jefferson High School Comprehensive Modernization Project

Site Location: 1319 East 41st Street, Los Angeles, California

Project Manager: Steven Morrill

Site Safety Officer: Eric Fraske

1.2 General

This HASP was prepared in accordance with guidelines set forth in Title 8 of the California Code of Regulations, Section 5192 (8 CCR 5192). In addition, this HASP also describes the health effects and standards for known contaminants and the procedures designed to account for the potential for exposure to unknown substances.

1.3 Scope and Applicability of the Health and Safety Plan

This plan establishes requirements and provides guidelines for worker safety and hazard identification during the implementation of the Preliminary Environmental Assessment Equivalent (PEA-E) investigation (soil and soil gas sampling) at the Los Angeles Unified School District's (LAUSD's) Jefferson High School in Los Angeles, California (Figure 1, Appendix B). The purpose of this plan is to identify procedures for avoiding potential hazards from chemicals, equipment, or the environment, and for responding to serious injury or accident. The safety rules given in this plan cannot cover every eventuality. It is expected that all workers involved will exercise good judgment in safety matters, and each of LAUSDs contractors working on the Site will follow its own company health and safety plan. However, Alta Environmental will inform the contractors as soon as possible about environmental conditions monitored by us when these conditions (such as increased vapor concentrations) may require appropriate actions. Under no circumstances will Alta Environmental direct the contractors' operation of equipment and adherence to their specific health and safety requirements. These directions must be given by the contractors, either independent of or dependent on information about environmental conditions provided by us.

2 SITE DESCRIPTION

2.1 Local and Legal Description

The Jefferson High School Site is located at 1319 East 41st Street, Los Angeles, California, 90011. It is an active high school campus located on one single parcel of land (Los Angeles County Parcel Assessor's Number 5114-036-900) totaling approximately 18.15 acres in size.

The campus is developed with 13 permanent buildings, 15 modular buildings and 11 sheds.

2.2 Current and Historical Land Uses

2.2.1 Current Uses of the Site

The subject property is currently occupied by a single campus used by three schools: Thomas Jefferson High School, which has occupied the site since 1915/1916; and Student Empowerment Academy Charter and Nava College and Preparatory Academy, which have occupied the property since 2006 and 2014, respectively. The on-site buildings include a main administration/classroom building, auditorium, science building, cafeteria, two gymnasiums, a boiler house, arts and shops buildings, and former industrial arts buildings, as well as modular classroom buildings, storage sheds, greenhouse, covered structures, and ancillary structures (athletic, ROTC, Wellness Center, parent's center, etc.). The northwest quarter of the

2.2.2 Past Uses of the Site

According to available historical sources, the subject property was formerly undeveloped as early as 1850; used as part of a larger agricultural property from the 1880s through 1912, and used as a stadium for rodeos and livestock racing from the late 1800s to shortly before construction of the original school buildings beginning in 1915. With the exception of the boiler house, the original buildings were destroyed by an earthquake in 1933, and replaced with most of the current structures on the southern half of the subject property between 1935 and 1938. Additional buildings were completed in the 1960s and 1970s on the northeastern portion of the site and modular classrooms and storage structures have been also added since that time. The following evidence of a recognized environmental condition was identified during the previous Phase I ESA (Partner 2016a):

- The subject property operated on-site industrial arts classrooms including auto engine and auto body repair. The subject property is equipped with two below-grade hydraulic lifts located within the south end of the former industrial arts building and with a spray booth on the north end of the building. The lifts were reported installed during building construction in the 1960s and the spray booth was installed in the 1980s. Soil sampling in the area of the lifts and spray booth is recommended to evaluate the potential for releases of hydraulic oil, paints, or solvents to have impacted soil.
- Three oil/water separators (clarifiers) are located to the north and east of the industrial arts building and are connected to floor drains in the spray booth and in the repair areas. Soil sampling in the area of the clarifiers is recommended to evaluate the potential for releases of oil or other petroleum based substances, and solvents to have impacted soil.
- There is one recently used shop area in the industrial arts building that previously was used for metal, electrical, wood-working, and printing classrooms and historic shop areas located south of the current industrial arts building and in the original 1916 science and arts buildings that occupied the current location of the Academic Building prior to 1933. Based on the age of the historic shop buildings dating to 1920 or earlier, there is potential for septic tanks, sumps, or clarifiers to remain in these areas.
- Two hazardous materials storage enclosures containing 55-gallon drums of gasoline and diesel fuel are located to the west of the current arts building and one former hazardous waste storage enclosure used to store waste oil, filters, and coolant in 55-gallon drums is located to the east of the industrial arts building. These structures date to the 1950s or 1960s and potential exists for releases from these storage areas to have impacted soil.

- Two historical paint storage buildings were identified to the north and northwest of the boiler house. Potential exists that releases of paints or solvents in these locations has impacted soil,
- The boiler house building was constructed in 1916 and formerly housed fuel oil boilers and an incinerator. The potential exists that fuel oil ASTs and/or USTs were present beneath or near the building and that spillage or leakage from historical fuel storage has impacted soil.
- The northeastern portion of the subject property is used for a garden and appears to have been since prior to original site development in 1915/1916. Additionally, the center and the northeastern quarter of the property appear to have been used for agriculture until the 1950s or 1960s. Organochlorine pesticides may have been used historically in these areas.
- The potential exists for residual arsenates in soil and under pavement from application of arsenic based
- herbicides, based on experience at other LAUSD school sites of similar age.
- Due to the age of the on-site structures and historical use of the property for agriculture, lead, arsenic, and organochlorine pesticides in soil testing is recommended in accordance with the Department of Toxic Substances Control (DTSC)" Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Results of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and polychlorinated Biphenyls from Electrical Transformers revised June 9, 2006."

2.3 Roles and Responsibilities

A number of roles are required for the safe and efficient operation of a field team. These roles include Project Manager, Health and Safety Manager, Field Team Leader, Site Safety Officer (SSO) and field personnel. A team member may take on more than one role, but the roles must be clearly assigned and must cover all positions required

2.4 Project Manager

The Project Manager is responsible for the overall operation of the project, including safety during field activities. Specific responsibilities include organization of all project work assignments, assigning personnel to specific duties, ensuring that the field team follows health and safety procedures approved by the Health and Safety Manager, and overall quality assurance/quality control of the project. He will also be responsible for the day-to-day progress of the project and will hold review and planning meetings as necessary with all technical staff, during which the current progress, problems encountered, and future direction will be discussed.

2.5 Health and Safety Manager

The Health and Safety Manager is responsible for the design and, with assistance from the Project Manager on personnel issues, implementation of the health and safety program for this project. This includes developing a site HASP, ensuring that all on-Site workers have met the necessary health and safety training requirements and are knowledgeable about the work they will perform, assigning a qualified

SSO to the field team, verifying compliance with all applicable safety and health requirements, and updating equipment and procedures based on new information gathered during the course of work.

2.6 Field Team Leader

The Field Team Leader is responsible for the operation of the field team. Responsibilities include organization of field activities, compliance with the provisions of the Site Work Plan, field documentation and record keeping, quality control of field activities, and communication with the Site's correspondent. The Field Team Leader, along with the SSO, must also ensure that subcontractors and outside observers comply with the HASP.

2.7 Site Safety Officer

The SSO works closely with the Site Manager to enforce the provisions of the HASP during field activities. The SSO is responsible for implementing the procedures stipulated in the HASP (Appendix H):

- Evaluating and amending the HASP daily to remedy deficiencies and post entry briefings;
- Determining the levels of personal protection based on observations or changing field conditions;
- Controlling Site entry and exit;
- Briefing the field team on the health and safety decontamination procedures required for various field activities;
- Monitoring the field team for signs of stress or exposure;
- Initiating emergency procedures, if necessary;
- Verifying that field team members have met the health and safety requirements for field activities;
- Being available to document and respond to any concerns or complaints made by personnel on-Site;
- Documenting unsafe work practices or conditions;
- Documenting any accidents or incidents that result in illness or injury to personnel; and
- Issuing stop work notices if site conditions become unsafe, with conference with the Project Manager and/or the Health and Safety Manager.

2.8 Field Technicians

The field technicians are responsible for complying with the HASP, notifying the SSO of hazardous or potentially hazardous conditions, and carrying out specialized tasks during field operations. These tasks include inspecting, calibrating, maintaining, and using field equipment; performing site characterization activities; maintaining decontamination stations; preparing and decontaminating sampling equipment; collecting and preserving samples; and packaging and shipping samples according to proper chain-of-custody procedures.

3 TRAINING AND MEDICAL MONITORING REQUIREMENTS

Staff and subcontractors participating in the fieldwork must have completed a 40-hour health and safety training course (8 CCR 5192(e)) as appropriate for their particular tasks and have annual refresher training. Before personnel arrive on-Site, each employer will be responsible for certifying that its employees meet the Cal/OSHA training requirements.

Each employee will be familiar with the requirements of the site safety and health plan, and will participate in site activity and safety briefings. Medical surveillance is conducted as a routine program, which meets the requirements of 8 CCR 5192 (f); the medical surveillance program is detailed in Appendix F. There will not be any special medical tests or examinations required for staff involved in this project.

All personnel will be trained to operate their respective equipment, including respiratory protection if site conditions exist where respirators are needed. Under no circumstance will untrained or unqualified personnel operate equipment.

4 DESCRIPTION OF FIELDWORK

The implementation of the PEA-E, as outlined in the *PEA-E Work plan* by Partner Engineering and Science, Inc. (Partner), dated May 27, 2016 (*PEA-E Work Plan*; Partner, 2016b), includes soil matrix sampling. Alta Environmental will provide oversight support and act as the On-Site representative to the District, and as part of the Quality Assurance/Quality Control (QA/QC) process. During the soil matrix sampling, an environmental contractor field representative will be on-Site. The activities that would be conducted to implement this PEA-E are summarized below.

4.1 Field Work Notices

A notification of the PEA-E investigation will be prepared and distributed in accordance with the DTSC guidelines for informing the community surrounding the Site. Approximately three days prior to conducting the field investigation, a neighborhood notification flyer detailing the proposed PEA-E field activities and contact information will be prepared and distributed to the onsite staff and students and any residences and businesses within line of sight of the work activities. The notification flyer will be prepared in both English and Spanish (one-page front and back). In addition, laminated copies of the notice will be posted at conspicuous locations along the perimeter of the Site. Alta has assumed 2,500 notices will be distributed with 2,300 mailed to parents of student.

4.2 Geophysical Survey

Prior to any intrusive work and on the first day of field work, a geophysical survey will be conducted at each of the planned soil boring and sampling locations, to locate and help identify subsurface lines and other features/obstructions. The survey will include the use of ground-penetrating radar and other specialized utility-locating equipment. Detected subsurface features will be marked on the ground with chalk-based spray paint in a color code established by the American Public Works Association.

4.3 Concrete Coring

Concrete coring will be conducted at sample locations that are covered by asphaltic concrete (AC) paving to ensure a smooth cutting edge, and limit impacts to the paved surfaces onsite.

4.4 Shallow Soil Matrix Sampling and Analysis Program

The shallow soil sampling program will consist of drilling a total of 107 shallow soil borings (SS1 through SS107). The proposed shallow soil boring locations are presented in Figure 1 of the *PEA-E Work Plan*.

A direct-push drill rig (or hand augering tools where access is limited) will be used to drive continuous soil cores to the specified target depth of 2.5 feet below ground surface (bgs), using a core sampler lined with acetate sleeves. Discrete soil samples will be cut from the sampling sleeves, at the specified sampling depths of 0-0.5 feet bgs, 1-1.5 feet bgs, and 2-2.5 feet bgs and retained for subsequent laboratory analysis or archiving as presented in Table 1 of the *PEA-E Work Plan*. As indicated in Table 1 of the *PEA-E Work Plan*, soil samples in the vicinity of the clarifiers and hydraulic lifts will be collected at the depths of 0-0.5 feet bgs, 5-5.5 feet bgs, and 10-10.5 feet bgs. The sample containers will then be covered with Teflon sheeting and sealed with polyurethane caps, labelled, and placed in a chilled ice-chest for transport to an offsite laboratory.

4.4.1 Soil Matrix Laboratory Analysis

Offsite chemical soil analyses will be performed by an analytical laboratory accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP), and in accordance with the analytical program for the shallow soil samples as listed in Table 1 of the *PEA-E Work Plan*. The soil samples designated for laboratory analysis will be variously analyzed for the following parameters and methods:

- Arsenic by EPA Method 6020
- Lead by EPA Method 6010B
- Organochlorine Pesticides (OCPs) by EPA Method 8081A
- CA Title 22 Metals by EPA Method 6010B/7471A
- Volatile organic compounds (VOCs) and fuel oxygenates by EPA Method 8260B/5035
- Total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 8015/5035
- Total petroleum hydrocarbons as diesel (TPH-d), and oil (TPH-o) by EPA Method 8015
- Polyaromatic hydrocarbons (PAHs) by EPA Method 8270 SIM

In addition, 10% of the shallow soil samples collected and analyzed that are not already scheduled for PCB analysis, will be also be analyzed for PCBs by EPA Method 8082.

4.5 Equipment Decontamination

Equipment used during field investigations and sampling will be decontaminated using a three-bucket wash. All equipment that comes into contact with potentially contaminated soil or water will be decontaminated consistently to assure the quality of samples collected. Decontamination will occur prior to

and after each use of a piece of equipment. All sampling devices used will be decontaminated using the following procedures:

- Non-phosphate detergent and tap water wash, using a brush if necessary,
- Tap water rinse,
- Initial deionized/distilled water rinse, and
- Final deionized/distilled water rinse.

Equipment will be decontaminated onsite in a pre-designated area on plastic sheeting, and clean bulky equipment will be stored on plastic sheeting in uncontaminated areas. Decontamination water produced will be placed in Department of Transportation (DOT)-approved 55-gallon drums and labelled as decontamination water with the date and boring numbers.

4.6 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) procedures for this project require that the data meet minimum requirements for precision, accuracy, completeness, representativeness, and comparability. The following QA/QC procedures will be followed during sampling and analysis:

- Duplicate soil samples will be collected and analyzed at a frequency of approximately 10 percent of the primary samples. The duplicate soil sample will be analyzed for the same parameters as the primary sample.
- One trip blank sample will be prepared and submitted with each shipment of VOC soil samples to the offsite analytical laboratory for analysis.
- Equipment blank samples will be collected daily for each type of soil sampling equipment used, and analyzed for the same parameters as the soil samples being analyzed on that day.
- Samples will be transferred under chain-of-custody control and will be subject to the laboratory's conventional QA/QC analytical procedures, including method blanks, laboratory control samples, and sample duplicate analyses.

4.7 Management of Investigative-Derived Waste

Investigation-derived waste (IDW) generated during the PEA Equivalent field sampling is expected to consist of soil cuttings and decontamination water. All IDW will be collected in 55-gallon DOT-approved steel drums, labelled, and stored in a secure location onsite pending waste characterization. Waste profile samples will be collected at a rate of one sample per 55-gallon drum (soil or water) generated during the investigation, and analyzed for TPH-g, TPH-d, and TPH-o by EPA Method 8015, CA Title 22 metals by EPA Method 6010B/7471A, and OCPs by EPA Method 8081A. Alta estimates that no more than one soil drum and one water drum will be generated during the PEA Equivalent investigation, and will be disposed of as non-hazardous waste.

Based on the analytical results, the IDW will be lawfully disposed of in coordination with LAUSD at an appropriate off-site facility after completing the field investigation.

5 CHEMICAL HAZARDS

The presence of chemical hazards at the Site has been confirmed; however, the primary suspected potential constituents of concern associated with the Site are Title 22 Metals, lead, arsenic, OCPs, PCBs, VOCs, TPH-g, TPH-d, and TPH-o in soil. The list of chemicals of concern for the Site will be reassessed, as more data becomes available. Brief toxicological profiles of the major constituents of concern are included below and in Appendix G. Chemical and physical characteristics of these compounds are presented in Table 1 (Appendix A).

Potential exposures to these chemicals during field activities include the following:

- Dermal contact with and accidental ingestion of potentially contaminated rinse liquid and soil residue during decontamination and sampling; and
- Splash hazards during decontamination.

To protect workers from eye and skin contact and skin absorption, PPE will be used as outlined in Section 8.

5.1 Hazard Assessment

A literature review was conducted to find ionization potentials (IPs), exposure limits, and concentrations immediately dangerous to life and health (IDLH) for the constituents of concern in environmental media at the Site. Exposure limit data are expressed as 8-hour time-weighted averages (TWAs). TWAs promulgated in OSHA regulations are referred to as permissible exposure limits (PELs). The American Conference of Governmental and Industrial Hygienists adopt values for exposure limits that are referred to as threshold limit values (TLVs).

| Materials | Route of Exposure | Symptoms | Target Organs |
|---|--|---|---|
| Total petroleum hydrocarbons (TPH) – gasoline | Inhalation/ingestion/skin absorption/skin or eye contact | Dizziness, drowsiness, headache, nausea; irritation of the eyes, nose, throat; dry cracked skin | Skin, eyes, respiratory system, CNS |
| TPH-diesel | Inhalation, skin and/or eye contact | Eye irritation, pulmonary function changes | Eyes, respiratory system |
| TPH-heavy hydrocarbons | Inhalation/ingestion/skin absorption/skin or eye contact | Dizziness, drowsiness, headache, nausea; irritation of the eyes, nose, throat; dry cracked skin | Skin, eyes, respiratory system, CNS, liver, kidneys |

| Materials | Route of Exposure | Symptoms | Target Organs |
|------------------|---|--|--|
| Benzene | Inhalation/absorption/Ingestion/ skin or eye contact | Irritated eyes, skin, nose and respiratory system; dizziness; headache, nausea, staggered gait; anorexia and lassitude; dermatitis; bone marrow depression; carcinogen | Eyes, skin, respiratory system, blood, CNS, bone marrow (leukemia) |
| Lead | Inhalation/ingestion/skin or eye contact | Lassitude, insomnia; facial pallor; anorexia, low weight, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremors; paralysis in the wrists, ankles; encephalopathy; kidney disease; irritation of the eyes; hypotension | Eyes, GI tract, CNS, kidneys, blood, gingival tissue |
| Arsenic | Inhalation/absorption/contact/ ingestion | Ulceration of nasal septum, dermatitis, FI disturbances, respiratory irritation, hyperpigmentation of the skin | Liver, kidneys, skin, lymphatic system |
| PCBs | Inhalation, skin absorption, ingestion, skin and/or eye contact | Irritation eyes, chloroacne; liver damage; reproductive effects; [potential occupational carcinogen] | Skin, eyes, liver, reproductive system |

6 PHYSICAL HAZARDS

Field personnel should be aware of and act to minimize dangers associated with physical hazards typically encountered during site activities. These hazards include heat-related illnesses, uneven terrain, slippery surfaces, and lifting. Personnel will walk at all times. Running greatly increases the probability of slips, trips, and falls.

6.1 Heat Stress

The potential for heat stress is higher on this site during the summer months, given the warm southern California climate and potential use of protective garments. Heat stress potential during the remaining seasons is unsystematic. Heat stress and heat stress monitoring are discussed in Appendix E.

Heat illness prevention must comply with 8 CCR §3395.

6.2 Severe Weather

Fieldwork shall not be conducted when lightning can be seen or thunder heard from the work area. When lightning and/or thunder occur, employees are to cease work, perform emergency personal and equipment decontamination as needed, and then seek shelter.

During extreme weather conditions, the Field Team Leader shall use his/her best judgment and has the authority to stop fieldwork or dismiss workers for the day. Examples of conditions that may warrant work stoppage include: tornado warnings, high winds, hail, flooding, and ice storms.

Field operations may be conducted during the time of year when Santa Ana winds start blowing. A field meteorological station will be on-Site to monitor wind speed, temperature and relative humidity. If sustained wind speed exceeds 25 miles per hour (mph), fieldwork will stop.

6.3 Heavy Equipment

Any equipment defects that affect safety will be corrected by the LAUSD's contractor in a timely manner so that a personnel hazard is not created. When defects make continued operation hazardous to personnel, the defective equipment will be taken out of service and placed in the designated area for repair. Once tagged out, continued use of equipment is prohibited until the defects are repaired. Defects on self-propelled mobile equipment affecting safety that are not corrected immediately will be reported to the Field Team Leader. The Field Team Leader will keep a log that will include the date the defect was reported, the equipment's identification, a description of the defect, and the date of repair.

Equipment repairs or maintenance will be performed only after the power is off, and the equipment is blocked against hazardous motion. Equipment motion or activation is permitted to the extent that adjustments or testing cannot be performed without such motion or activation, provided that people are effectively protected from hazardous motion.

Operators of self-propelled mobile equipment will maintain control of the equipment while it is moving. Operating speeds will be consistent with conditions of roadways, grades, clearances, visibility, traffic, and the type of equipment used. Equipment will be operated at speeds that permit stopping in no more than half the visibility distance.

People will not be transported

- in or on dippers, clamshells or buckets,
- in beds of mobile equipment,
- atop loads in mobile equipment,
- outside cabs, equipment operator's stations, or beds of mobile equipment, and
- to or from work areas in overcrowded equipment (i.e., the vehicle will not carry more people than the number of seats on that vehicle).

All self-propelled mobile equipment will be equipped with a service brake system capable of stopping and holding the equipment with its typical load on the maximum grade it travels (does not apply to equipment not originally equipped with brakes). If equipped, the parking brake on self-propelled mobile equipment will be capable of holding the equipment under typical load condition on the maximum travel grade.

All braking systems installed on self-propelled mobile equipment will be maintained in a functional condition.

Front-end loaders and bulldozers should have protection from falling objects.

Seat belts meeting the requirements of SAE J386, *Operator Restraint Systems for Off-Road Work Machines*, 1985, will be provided and worn in haulage trucks. Seat belts will be maintained in functional condition and replaced when necessary to assure proper performance.

Mobile equipment will not be left unattended unless the controls are placed in the park position, the parking brake, if provided, is set, and the ignition turned off.

People will not work on top of, under, or from mobile equipment in a raised position until the equipment has been blocked or secured to prevent it from rolling or falling accidentally.

Care will be taken to locate all overhead power lines before sampling activity begins. Under no circumstances should any part of the mobile equipment be positioned within the minimum clearance from exposed and energized electrical wires. The equipment operator will ensure there is sufficient overhead clearance (i.e., no part of the equipment will hit or touch any overhead obstruction when raised nor will it hit or touch any object while being raised) before raising any part of the equipment through careful preplanning.

This HASP is not designed to protect personnel entering sampling areas requiring protective systems. If it becomes necessary for someone to enter such an area, the Project Manager must request that the SSO develop an acceptable entry procedure.

6.4 Electrocutation

Electrical power lines above (overhead) and below ground will be identified at the Site before to the start of any activities to prevent electrocution. Minimum safe distance will be established by the SSO in areas of overhead and underground power lines. Subcontracted utility locating services will be used as necessary to locate or confirm the presence of suspected underground utilities at drilling or boring locations.

6.5 Slippery Terrain, Slips, Trips and Falls

Slippery and uneven terrain is common and may increase the risk of injuries. Personnel shall wear the appropriate foot protection while on-Site. The SSO will monitor site work surfaces for potential trip and fall hazards. Overhead hazards consist of potential contact with falling objects, rigging equipment, or other items in use at the Site. Hard hats are required at all times when at the Site.

6.6 Noise

Previous surveys indicate that heavy equipment such as drilling equipment may produce continuous and impact noise at or above the action level of 85 dBA. All Site personnel within 25 feet of operating equipment, or near an operation that creates noise levels high enough to impair conversation, shall wear hearing protective devices (either muffs or plugs). Personnel will wash their hands with soap and water prior to inserting earplugs to avoid initiating ear infections.

7 PERSONAL PROTECTIVE EQUIPMENT (PPE)

The level of employee protection for the work to be completed during site activities was determined by researching site conditions, reviewing planned activities, and identifying site-specific physical and chemical hazards.

7.1 Selection of Personal Protective Equipment

It is important that specified PPE projects against known and suspected Site hazards. Protective equipment is selected based on the types, concentrations, and routes of personal exposure that may be encountered. In situations where the types of materials and possibilities of contact are unknown or the hazards are not clearly identifiable, a more subjective determination must be made about the PPE required, and greater emphasis is placed on experience and sound safety practices. As discussed above, PPE for Site workers will be based on Site history and on the activities to be performed.

The initial level of PPE for all site work will be modified Level D, which consists of the following:

- Chemical protective clothing (such as Tyvek)
- Steel-toed boots
- Safety glasses
- Nitrile inner and outer gloves
- Hard hats
- Safety reflective vests
- Ear plugs (when heavy equipment is operating)
- Disposable boot covers

PPE requirements are subject to change as Site information is updated or changes. Work will stop until the HASP is updated if the following Site conditions change and warrant upgrade to Level C (including: air purifying respirator (NIOSH approved), hooded chemical-resistant clothing, steel-toed work boots with chemical-resistant boot covers, and hard hat, face shield and chemical resistant gloves) or higher PPE.

- Change in weather conditions
- Encountering of contaminants other than those previously identified
- Change in ambient levels of contaminants

- Change in work scope that affects the degree of contact with contaminants

8 ILLUMINATION

Nighttime work activities are not anticipated; however, if nighttime work becomes necessary, illumination at the Site will be supplemented in order to ensure safe working conditions. Supplemental lighting will be provided by mobile generator-powered units.

9 STANDARD OPERATING PROCEDURES

The standards regarding Safety Rules and Personal Hygiene and Use and Decontamination of PPE are detailed in Appendices C and D, respectively.

9.1 Daily Safety Meetings

The SSO will conduct a daily safety meeting to discuss any changes in safety status, safety violations and administrative actions, work assignments, or modifications of procedures with all on-Site field personnel. This safety meeting will be scheduled as the first activity of each day. An alternate person may be designated to conduct the briefing at the discretion of the SSO. All personnel present will sign the Daily Attendance sheet.

9.2 Daily Debriefing Meetings

At the end of each workday at the Site, the SSO will discuss with the Field Team Leader or the Project Manager, daily progress, technical problems, administrative resolution of disciplinary actions, and monitoring and analytical findings.

In the event that an emergency occurs or other accident that requires immediate attention, and additional safety meeting may be conducted. Non-routine meetings will address any Site changes that have safety implications, which must be immediately addressed before work can continue.

9.3 Administrative Action

Observed violations of safety procedures can result in immediate removal of the violator from the Site. The Project Manager will take administrative action on each violation. In the event of a violation, the nature of the violation, the past record of the violator, and any extenuating circumstances will be reviewed. The SSO and Health and Safety Officer will provide a recommendation to the Project Manager regarding administrative actions such as retraining and reassignment, change in clearance status, or permanent dismissal from the Site.

9.4 Standard Operating Procedures

The following SOPs are to be utilized on-Site:

- No eating, drinking, smoking or applying lip balm in the exclusion zone.
- The buddy system shall be used for all work on-Site.

- Site security issues will be implemented to ensure that only authorized personnel have access to the Site work zones.
- All personnel and equipment will be decontaminated prior to exiting the Site.
- Proper PPE, appropriate for the work zone conditions, shall be utilized at all times.

10 CONFINED SPACES

According to the 8 CCR §5157(b), a confined space is defined as a space that (1) is large enough and so configured that an employee can bodily enter and perform the assigned work; (2) has limited or restricted means of entry or exit (i.e., one exit); and (3) Is not designed for continuous employee occupancy.

It is not anticipated that the Site investigation activities will include confined space entry.

11 NOISE MONITORING

Hearing protection devices (HPDs) (either muffs or plugs) will be available on-Site at all times. Use of HPDs will be required whenever the noise level equals or exceeds 85 dBA; in general, they will be used whenever equipment is operated. Field technicians will be informed on the proper use, maintenance and storage of HPDs. Engineering controls will be utilized as necessary to ensure that noise levels generated by work do not impact residences adjacent to the Site.

12 DECONTAMINATION

Decontamination procedures as provided in Appendix D, based on Level D protection, will consist of the following:

- Removing chemical protective clothing and depositing it in a designated container
- Removing gloves and depositing them in a designated container
- Disposing of gloves and other disposable PPE in a designated container
- Washing hands and face, and preferably showering as soon as practical
- All disposable clothing and plastic sheeting used during activities will be properly disposed of in accordance with all applicable federal, state and local regulations.

13 SANITATION

Restrooms shall be available in an appropriate quantity consistent with OSHA regulations.

14 EMERGENCY SUPPLIES

A fire extinguisher will be available on-Site during field activities. Field technicians will be informed about the proper use of fire extinguishers.

A first-aid kit will also be available on-Site during field activities.

15 EMERGENCY INFORMATION

All hazardous waste Site activities present a risk to on-Site personnel. During routine operations, risk is minimized by establishing good work practices, staying alert, and using proper PPE. Unpredictable events such as physical injury, chemical exposure, or fire may occur and must be anticipated.

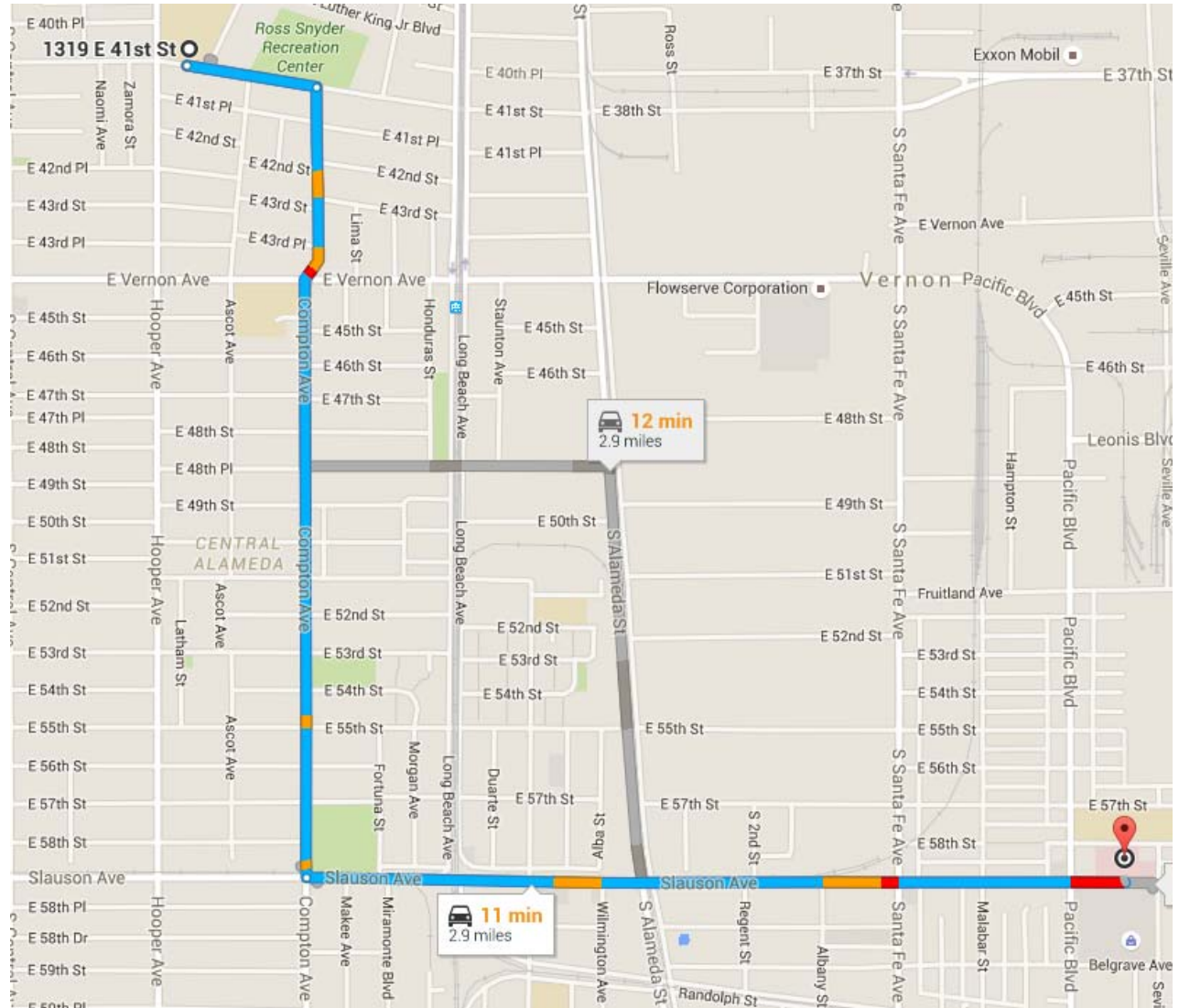
If any situation or unplanned occurrence requires outside emergency assistance, immediately call the appropriate contact from the list provided in Section 19.1, below.

15.1 Emergency Contact Information

Emergency response shall be addressed according to the requirements of Title 8 CCR 5192. If it is determined that the emergency could threaten human health or the environment, the incident will be reported to the proper agencies:

| | |
|--|--|
| Nearest Hospital Address (see map on following page): | Community Hospital of Huntington Park 2623 E. Slauson Avenue, Huntington Park, California 90255 |
| Phone Number: | (323) 583-1931 |
| Emergency Response Number: | 911 |
| Department of Toxic Substances Control 8800 Cal Center Drive Sacramento, California 95826-3268 | (916) 255-3545 Fax: (916) 255-3785 |
| Other Ambulance, Fire, Police, or Environmental Emergency Resources: | 911 |
| Other Entity: | CHEMTREC (Chemical Transportation Emergency Center) |
| Address: | 2501 M Street NW Washington, DC 20037 |
| Phone Number: | 800.424.9300 |

Directions to the Community Hospital of Huntington Park:



| | |
|--|--------|
| HEAD EAST ON EAST 41 ST STREET TOWARD COMPTON AVENUE | 0.2 MI |
| TURN RIGHT ONTO COMPTON AVENUE | 1.3 MI |
| TURN LEFT ONTO E SLAUSON AVENUE (DESTINATION WILL BE ON THE RIGHT) | 1.4 MI |

15.2 Emergency Procedures

Emergency procedures are to be followed if any of the following situations develop on-Site:

- Any member of the field crew is involved in an accident or experiences any adverse effects or symptoms of exposure while on-Site.
- A condition is discovered that suggests the existence of a situation more hazardous than anticipated.

The following emergency procedures should be followed:

- Site work area entrance and exit routes will be planned and emergency escape routes delineated by the SSO.
- If any member of the field team experiences any effects or symptoms of exposure while on the scene, the entire field crew will immediately halt work and act in accordance with the instructions provided by the SSO.
- For applicable Site activities, wind indicators visible to all on-Site personnel will be provided by the SSO to indicate possible routes for upwind escape.
- Identifying any conditions that would suggest a situation more hazardous than anticipated will result in the suspension of work until the SSO has evaluated the situation and provided the appropriate instructions to the field team.
- If an accident occurs, the Field Team Leader is to complete an Accident Report Form (Appendix J) for submittal to the appropriate company official.
- If a member of the field crew suffers a personal injury, the SSO will call 911 (serious injury) to alert appropriate emergency response agencies or administer on-Site first aid (minor injury) as the situation dictates. An Accident Report Form (Appendix J) will be completed for any such incident.
- If a member of the field crew suffers a chemical exposure, the affected areas should be flushed immediately with copious amounts of clean water. If the situation dictates, the SSO should alert appropriate emergency response agencies, or personally ensure that the exposed individual is transported to the nearest medical treatment facility for prompt treatment. An Accident Report Form (Appendix J) will be completed for any such incident.
- In the event of a site emergency requiring evacuation, all personnel will evacuate to a pre-designated area located a safe distance from any health or safety hazard (typically the site office, unless conditions dictate otherwise) and safely away from the area of influence. The primary and secondary meeting area will be established on a site-specific basis during the morning safety briefing. A head count will be completed by the Site Supervisor at the meeting area and further directions or response discussions coordinated at that point. During any site evacuation, all employees shall be instructed to observe wind direction indicators. During evacuation, employees will be instructed to travel upwind or crosswind of the area of influence. The SSO will provide specific evacuation instructions, via the site emergency radio if necessary, to site personnel regarding the actual site conditions.
- A communication network must be set up to alert site personnel of emergencies and to summon outside emergency assistance. Where voice communication is not available in the alarm system (i.e.,

sirens, horns, etc.) should be set up to alert employees of emergencies. Radio communication may also be used to communicate with personnel in the exclusion zone. Where phone service is not readily available, radios or portable phones should be used to communicate with outside agencies. Site personnel should be trained to use the site emergency communication network. Emergency phone numbers shall be posted at the phone or radio used for outside communication. The SSO is responsible for establishing the communication network prior to the beginning of work, and for explaining it to all site personnel during the site safety meeting. The following hand signals will be used where voice communications are not available in case of an emergency:

| Gesture | Meaning |
|-----------------------|-------------------------------|
| Hand clutching throat | Out of air/can't breathe |
| Hands on top of head | Need assistance |
| Thumbs up | OK/I'm all right/I understand |
| Thumbs down | No/negative |
| Arms waving upright | Send back support |
| Grip partner's wrists | Exit area immediately |

16 AUTHORIZED CHANGES TO THE HEALTH AND SAFETY PLAN

Changes to the HASP are to be documented by completing a Modification of Site Health and Safety Plan form. This completed form must be signed by the SSO, the Health and Safety Manager, and the Project Manager. A copy of each completed form is to be included with each copy of the HASP and made a part of the project files.

17 REFERENCES

1. Partner Engineering and Science, Inc. (Partner), 2016a, *Phase I Environmental Site Assessment (ESA), Thomas Jefferson High School, 1319 E. 41st Street, Los Angeles, California*. Partner Project No. 16-158197.1; May 27, 2016.
2. Partner, 2016b, *PEA-E Work Plan, Thomas Jefferson High School, 1319 E. 41st Street, Los Angeles, California*, Project No. 16-158197.2, May 27, 2016.
3. U.S. Centers for Disease Control, NIOSH Pocket Guide to Chemical Hazards, Washington, DC, 2006.

18 HASP ACKNOWLEDGEMENT

All Alta Environmental employees and subcontractors at the Site must review this HASP with the SSO and sign the acknowledgement forms in Appendix K.

Appendix A

Tables

**Table 1: Hazard Monitoring
Contaminants of Concern**

| Contaminants of Concern | Routes of Exposure | IDLH | PEL (TWA) | STEL (TWA) | % LEL | Odor Threshold | Odor Description |
|-----------------------------------|--------------------|------------------------|------------------------|------------|-------|----------------|--|
| Benzene | I, A, C | 500 ppm | 1 ppm | 5 ppm | 1.1% | 1.5 ppm | Solvent-like |
| TPH-gasoline | I, A, C | NA | NA | NA | 1.4% | 0.1 – 1.1 ppm | characteristic |
| TPH-diesel | I, C | NA | NA | NA | 0.3% | NA | characteristic |
| TPH-heavy hydrocarbons (oil mist) | I, C | 2500 mg/m ³ | 5 mg/m ³ | NA | NA | NA | Characteristic petroleum / lubricating oil |
| PCBs (Aroclor) | I, A, C | 5 mg/m ³ | 0.5 mg/m ³ | NA | NA | NA | NA |
| Arsenic | I, C | 5 mg/m ³ | 0.3 mg/m ³ | NA | NA | NA | NA |
| Lead | I, C | 100 mg/m ³ | 0.05 mg/m ³ | NA | NA | NA | NA |
| | | | | | | | |

TWA = Time-weighted average (concentration should not be exceeded during an 8-hour workday during a 40-hour work-week)

STEL = Short-term exposure limit (15 -minute TWA exposure that should not be exceeded at any time during a workday)

IDLH = Immediately dangerous to life or health concentration

NA = Not Applicable

I = Inhalation/ingestion

A = Absorption

C = Contact

Appendix B

Figures

Appendix C

Safety Rules and Personal Hygiene

Appendix C: Safety Rules and Personal Hygiene

1. Remove all facial hair that interferes with a satisfactory fit of respiratory protective equipment.
2. Do not wear contact lenses while wearing full-face respirators.
3. Do not take prescribed drugs unless specifically approved by a physician. Notify the SSO that prescription medication is being taken.
4. In the work zone, do not eat, drink, smoke, chew gum or tobacco, or engage in any other practice that increases the probability of hand-to-mouth transfer or ingestion of material.
5. Wash hands and face thoroughly after leaving the work area and before eating, drinking, or any other activities.
6. Thoroughly wash entire body as soon as possible after removing Level C protective garments.
7. Whenever possible, avoid contact with contaminated or suspected contaminated surfaces.

Appendix D

Field Standard Operating Procedures for Use and Decontamination of Personal Protective Equipment

Appendix D: Field Standard Operating Procedures for Use and Decontamination of Personal Protective Equipment

1. Park vehicles outside the site boundaries.
2. During the pre-work safety meeting, the SSO will provide the following information:
 - A. a description of the Site and known problem areas
 - B. the level of protection required
 - C. emergency medical information
 - D. the locations of the first aid kit and fire extinguisher
3. Use the nearest lavatory.
4. Lay out and check safety gear.
5. Check and don Level D PPE.
6. For work in Level C PPE, put on safety gear in the following order:
 - A. Coveralls
 - B. Hearing Protection (if required)
 - C. Gloves (inner and outer)
 - D. Steel-toed work boots
 - E. Connect suit and boots with tape
 - F. Outer booties, if used
 - G. Air purifying respirators (APRs), if required
 - H. Eye protection (if using a ½ Face APR)
 - I. Hard hat
7. For work in Level C PPE, put on APRs as follows:
 - A. Inspect.
 - (1) Inspect before each use to ensure that they have been cleaned adequately.
 - (2) Check material conditions for signs of pliability, deterioration, or distortion.
 - (3) Examine cartridges and ensure that they are the correct type for the intended use, that the expiration date has not passed, and that they have not been opened or used previously.
 - (4) Check face shields for cracks or foginess.
 - B. Loosen all harness strap adjustments.

- C. Place chin in chin cup and draw back evenly on strap adjustments - the two bottom straps first, then the two top straps, and the center top strap last.
 - D. Check that the respirator is centered evenly on the face and that the straps are not uncomfortably tight.
 - E. Check for leaks or proper facial seals.
 - (1) To conduct a negative-pressure test, close the inlet part with the palm of the hand so it does not pass air, and gently inhale for about 10 seconds. Any inward rush of air indicates a poor fit. Note that a leaking facepiece may be drawn tightly to the face to form a good seal, giving a false indication of adequate fit.
 - (2) To conduct a positive-pressure test, gently exhale while covering the exhalation valve to ensure that a positive pressure can be built up. Failure to build a positive pressure indicates a poor fit.
8. Put on the rest of the gear in the following order:
- A. Raise hood
 - B. Hard hat, if necessary
 - C. Surgical gloves
 - D. Outer gloves
 - E. Connect gloves and suit with tape
9. Select a buddy to act as a safety backup.
10. Check your buddy's equipment and have your buddy check yours for rips, tears, or malfunctions. Pay special attention to respirators, making sure that seals are good and that cartridges are securely in place.
11. If any equipment or gear gets damaged or if your suit tears badly, GO BACK.
12. If you experience physical discomfort, breathing difficulties, light-headedness, dizziness, or other abnormalities, GO BACK.
13. When you return, have your buddy check for external accumulation of contamination and remove it. Also check gear for damage.
14. Decontamination will be performed in steps as follows (as appropriate for the PPE being utilized):
- Step 1 – Segregated Equipment Drop:** Deposit equipment used on-Site (tools, sampling devices and containers, monitoring instruments, clipboards, etc.) in different containers with plastic liners. Each may be contaminated to a different degree. Segregation at the drop reduces the probability of cross-contamination. This equipment may be reused if properly decontaminated.
- Equipment: various sizes of containers/plastic drop cloths
- Step 2 – Boot Cover and Outer Glove Wash and Rinse:** (Optional – will be used at the Site Safety

Officer's discretion.)

Equipment: spray bottle/container with nozzle/ two wash basins or tubs/scrub brush/water/Liqui-nox non-phosphate soap solution (1%)

Step 3 – Tape Removal: Remove tape around boots and gloves, and deposit in container with plastic liner. Remove boot covers, then outer gloves, and place them in the container.

Equipment: container (30–50 gallons)/ plastic liners/ folding chairs

Step 4 – Safety Boot Wash and Rinse: (Optional - will be used at discretion of field team members.)

Equipment: two wash basins or tubs/scrub brush/water/ Liqui-nox solution (1%)

Step 5 – Protective Coveralls Removal: With the assistance of a helper, remove protective coveralls. Deposit in container with plastic liner.

Equipment: container (30–50 gallons)/folding chairs/plastic liners

Step 6 – Respirator Removal: Remove facepiece. Avoid touching face with gloves. If work is completed for the day, discard cartridges in lined container, and wash and rinse respirator.

Equipment: container (30–50 gallons)/ plastic liners

Step 7 – Inner Glove Removal: Remove inner gloves and deposit in container with plastic liner.

Equipment: container (20–30 gallons)/ plastic liners

15. Respirators will be cleaned daily by hand washing with MSA cleaner-sanitizer solution followed by a thorough rinse and air drying. NEVER ALLOW A RESPIRATOR TO DRY WITH THE STRAPS PLACED FORWARD ACROSS THE FACESHIELD BECAUSE THIS MAY CAUSE CHANGES IN THE FACE-TO-RESPIRATOR SEAL SURFACE. The specific procedures to be employed are as follows:

- A. Remove all cartridges (canisters) and filters plus gaskets and seals not permanently affixed to their seats.
- B. Loosen harness adjustment straps.
- C. Remove exhalation valve cover.
- D. Remove inhalation and exhalation valves.
- E. Remove protective face-shield cover.
- F. Wash facepiece in MSA cleaner/sanitizer powder mixed with warm water, preferably at a temperature of 120 F. Wash components separately from facepiece. Heavy soil may be removed from the facepiece surface using a medium-soft hand brush.

- G. Remove all parts from the wash solution, and rinse twice in clean, warm water.
 - H. Air-dry all parts in a designated clean area.
 - I. Pat facepieces, valves, and seats to remove any remaining soap residue, water, or other foreign material with a clean, damp, lint-free cloth.
 - J. Reassemble respirator.
 - K. Place respirator in a plastic bag and the respirator box or otherwise store the respirator to prevent exposure to dust, moisture, sunlight, damaging chemicals, extreme temperatures, and impact.
16. Investigation-derived waste material will be handled as follows:
- A. Used PPE and disposable equipment will be double bagged and placed in a municipal refuse dumpster on Site. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of which can still be reused will be rendered inoperable before disposal in the refuse dumpster.
 - B. Wash and rinse waters from personal and equipment decontamination will be poured onto the ground or into a storm drain.
 - C. Soil cuttings generated during the subsurface sampling will be placed back into the soil borings from which the samples were obtained. Any remaining soil cuttings will be spread around the sampling location.

Appendix E

Heat Stress and Heat Stress Monitoring

Appendix E: Heat Stress and Heat Stress Monitoring

Heat is one of the most common (and potentially serious) illnesses at hazardous waste sites where PPE is worn; therefore, regular monitoring and other preventive precautions are vital. Shelter from the sun will be provided during rest periods. Below is a list of the signs and symptoms of heat stress. Initial work schedules will be approximately 90 minutes of work followed by 15 minutes of rest. Work intervals will be adjusted to shorter periods based on the assessment of the SSO. Monitoring for heat stress will be conducted by visual observation by the individual team members.

Signs and Symptoms of Heat Stress

- **Heat rash** may result from continuous exposure to heat or humid air.
- **Heat cramps** are caused by heavy sweating with inadequate electrolyte replacement. Signs and symptoms include:
 - muscle spasms
 - pain in the hands, feet, and abdomen
- **Heat exhaustion** occurs from increased stress on various body organs, including inadequate blood circulation caused by cardiovascular insufficiency or dehydration. Signs and symptoms include:
 - pale, cool, moist skin
 - heavy sweating
 - dizziness
 - nausea
 - fainting
- **Heat stroke** is the most serious form of heat stress. Temperature regulation fails, and the body temperature rises to critical levels. Immediate action must be taken to cool the body before serious injury and death occur. Competent medical help must be obtained. Signs and symptoms include:
 - red, hot, usually dry skin
 - lack of or reduced perspiration
 - nausea
 - dizziness and confusion
 - strong, rapid pulse
 - coma

First-aid remedies for heat stress and heat stroke includes removing the worker to a cool place, providing cool water or a commercial sport drink, loosen tight clothing, and call for an ambulance if victim vomits or starts to lose consciousness.

Appendix F

Medical Monitoring Program

Appendix F: Medical Monitoring Program

The workers most likely to be exposed to contaminated materials at the Site are sampling and inspection personnel. These personnel are included in this Medical Monitoring Program.

The purposes of the Medical Monitoring Program are to identify any illness or problem that would put an employee at an unusual risk from exposures; to ensure that each employee can use negative-pressure respirators safely and withstand heat or cold stress; and to establish and maintain a medical data base for employees to monitor any abnormalities that may be related to work exposure and that could increase injury risk for the employee or others in the performance of job functions. The Medical Monitoring Program includes:

- A baseline physical examination;
- A medical determination of fitness of duty, including work restrictions after any job-related injury or illness or non job-related absence lasting more than three working days;
- The review of each site-specific Health and Safety Plan and potential exposure list to determine the need for specific biological and medical monitoring; and
- Annual and exit physical examinations with attention given to specific exposures or symptoms.

Baseline Physical Examination

- A Baseline Physical Examination will be performed on each employee engaged in hazardous waste activities. The purposes of this examination are to identify any illness or problem that would put an employee at unusual risk from certain exposures; to certify the safe use of negative-pressure respirators (OSHA Safety and Health Standard 29 CFR 1910.134); and to develop a database for the assessment of exposure-related events detected through periodic medical monitoring. Variable data, such as age, sex, race, smoking, prior employment, and exposure history, that may have a bearing on the occurrence of subsequent events after employment begins will be gathered.
- The content of the Baseline Physical Examination will include:
 - Medical, occupational, and fertility histories;
 - A physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
 - An electrocardiogram;
 - PA and lateral chest x-rays;
 - A pulmonary function test (FEV1, FVC, FEV 25-75);
 - An audiogram;
 - A multi-chemistry blood panel, including kidney and liver function tests, CBC with differential, and urinalysis;
 - Tests deemed necessary by symptoms or exposure history;
 - A red blood cell cholinesterase; and

- Physical parameters, including blood pressure and visual acuity testing.

Annual Physical Examination

An examination and updated occupational history will be performed on an annual basis during the anniversary month of the baseline physical examination. The Annual Physical Examination serves to identify and prevent illness caused by cumulative exposure to toxic substances.

The Annual Physical Examination will include:

- A personal work history (based on specific project histories);
- A physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
- Pulmonary function test (FEV1, FVC, FEV 25-75);
- A multi-chemistry blood panel, including kidney and liver function test;
- An audiogram;
- Tests deemed necessary by symptoms or exposure history; and
- An optional wellness profile.

Return to Work Examination

Any job-related illness or injury will be followed by a medical examination to determine fitness for duty or possible job restrictions based on the physical findings of the medical examiner. A similar examination will be performed following three missed workdays caused by a non job-related illness or injury requiring medical intervention.

Exit Physical Examination

The content of the Exit Physical Examination will include:

- a personal work history (based on specific project histories);
- medical, exposure, and fertility histories;
- a physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
- a pulmonary function test (FEV1, FVC, FEV 25-75);
- an electrocardiogram;
- PA and lateral chest x-rays;
- an audiogram;
- a multi-chemistry blood panel, including kidney and liver function tests, CBC with differential, and urinalysis;
- tests deemed necessary by symptoms or exposure history;
- a red blood cell cholinesterase; and

- physical parameters, including blood pressure and visual acuity testing.

Appendix G

Properties of Materials and Toxicological Profiles

Appendix G: Properties of Materials and Toxicological Profiles

Lead

The PEL for lead is 0.050 mg/m³. NIOSH has established an REL of 0.100 mg/m³. The IDLH concentration for this substance is 100 mg/m³.

A heavy, ductile, soft, gray solid, lead is also known as lead metal and plumbum. A person can be exposed to lead contamination by inhalation, ingestion, or contact. The target organs for lead include eyes, GI tract, CNS, blood, and gingival tissue.

Symptoms of lead exposure include weakness, lassitude, insomnia; facial pallor; pal eye, anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; ankle or wrist paralysis, encephalopathy; kidney disease; irritated eyes; and hypotension. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Arsenic

The PEL for inorganic arsenic is 0.01 mg/m³. NIOSH has established an REL of 0.002 mg/m³ (15-minute). The IDLH concentration for this substance is 5 mg/m³.

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds. Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides.

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet. Skin contact with inorganic arsenic may cause redness and swelling.

Benzene (VOCs)

The PEL for benzene is 1 ppm. NIOSH has established an REL of 0.1 ppm and an STEL of 1 ppm. The IDLH concentration for this substance is 500 ppm.

Benzene affects the brain. Low-to-moderate levels from long-term exposure can cause tiredness, confusion, weakness, drunken-type actions, memory loss, nausea and loss of appetite, and hearing loss. Inhaling a high level of these chemicals in a short time can make you feel light-headed, dizzy, or sleepy. They can cause unconsciousness, and even death. Repeated exposure to high levels can cause permanent brain and speech damage, vision and hearing problems, loss of muscle control, and poor balance. It can also cause memory loss and decreased mental ability. These chemicals also affect the kidneys. Benzene is regulated by Cal/OSHA as a carcinogen.

Total Petroleum Hydrocarbons

There are no regulations or advisories specific to TPH. The PEL for TPH (as petroleum distillates) is 500 ppm (2000 mg/m³). NIOSH has established an REL of 350 mg/m³ and an STEL of 1800 mg/m³ (15 minutes). The IDLH concentration for this substance is 1100 ppm (10% LEL).

Total petroleum hydrocarbons (TPH) is a term used to describe a large family of several hundred chemical compounds that originally come from crude oil. Crude oil is used to make petroleum products, which can contaminate the environment. Because there are so many different chemicals in crude oil and in other petroleum products, it is not practical to measure each one separately. However, it is useful to measure the total amount of TPH at a Site.

Some of the TPH compounds can affect your central nervous system. One compound can cause headaches and dizziness at high levels in the air. Another compound can cause a nerve disorder called "peripheral neuropathy," consisting of numbness in the feet and legs. Other TPH compounds can cause effects on the blood, immune system, lungs, skin, and eyes.

Animal studies have shown effects on the lungs, central nervous system, liver, and kidney from exposure to TPH compounds. Some TPH compounds have also been shown to affect reproduction and the developing fetus in animals.

Appendix H

Site Safety Officer Responsibilities

Appendix H: Site Safety Officer Responsibilities

An SSO will be designated. The responsibilities of the SSO will include the following:

- briefing personnel on the hazards at the Site, the standard operating procedures to be employed, and emergency procedures;
- conducting on-Site health monitoring;
- coordinating access control and site security, including responsibility for protection of third parties, such as visitors or the surrounding community;
- monitoring work practices and decontamination to ensure that required procedures are being followed;
- being available to document and respond to any concerns or complaints made by on-site personnel;
- documenting unsafe work practices or conditions;
- documenting any accidents or incidents that result in illness or injury to personnel; and
- evaluating and amending the HASP daily to remedy deficiencies and post entry briefings.

Appendix I

Authorized Changes to Health and Safety Plan

Appendix I: Authorized Changes to HASP

Insert the following changes and replace affected pages:

Site Safety Officer

Date

Project Manager

Date

Appendix J

Accident Report Form

Appendix K

HASP Acknowledgment Sheet

Appendix C

Public Field Notices

Los Angeles Unified School District

Office of Environmental Health and Safety

MICHELLE KING
Superintendent of Schools

THELMA MELÉNDEZ, PH.D.
Chief Executive Officer, Office of Educational Services

ROBERT LAUGHTON
Director, Environmental Health and Safety

CARLOS A. TORRES
Deputy Director, Environmental Health and Safety

June 13, 2016

TO: Neighbors and Community Members of the
Jefferson High School

FROM: Los Angeles Unified School District
Office of Environmental Health and Safety

REGARDING: Preliminary Environmental Assessment
Jefferson High School, Los Angeles, California

The Los Angeles Unified School District (LAUSD) - Office of Environmental Health and Safety (OEHS) would like to provide you with advance notice of a Preliminary Environmental Assessment (PEA) that will be conducted within the boundaries of Jefferson High School, located at 1319 East 41st Street, Los Angeles, California. The PEA will be conducted across most of the campus scheduled to undergo a comprehensive modernization.

A licensed contractor, working on behalf of LAUSD, will perform the environmental investigation under the independent oversight of the LAUSD-OEHS, which is independent from the LAUSD Facilities Services Division (The Facilities Services Division is the responsible Branch for the development and construction of the project). The environmental investigation will consist of soil sampling in locations on campus where existing buildings will be demolished, new buildings will be constructed, and where a former clarifier and a paint spray booth were previously located. Soil will be analyzed for potential residual arsenic, hydrocarbons, lead-based paint, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), and volatile organic compounds (VOCs) in soil. If necessary, a soil cleanup will be performed prior to construction activities to protect students, faculty, and staff.

Fieldwork is scheduled to begin on June 20, 2016, and is expected to be completed in 5 days. All fieldwork is scheduled to be conducted when students are away from school, between 7:00 am and 5:00 pm.

The results of the investigation will be submitted to LAUSD-OEHS in a report for review. The report will include an assessment of whether any of the above listed compounds are present in soil at concentrations that would require further assessment or a response action before the Site is cleared for construction activities. When the OEHS's review is complete, OEHS will issue a determination with regard to the assessment.

If you have any questions concerning the upcoming environmental investigation or other related activities for the proposed comprehensive modernization of Jefferson High School, please contact Dane Robinson, LAUSD Office of Environmental Health and Safety Site Assessment Project Manager, at (213) 241-4122 (email at dane.robinson@lausd.net).

Si desea información en Español comuníquese con Teresa Akins en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1340 (línea principal) o por correo electrónico a teresa.akins@lausd.net.

Los Angeles Unified School District

Office of Environmental Health and Safety

MICHELLE KING
Superintendent of Schools

THELMA MELÉNDEZ, PH.D.
Chief Executive Officer, Office of Educational Services

ROBERT LAUGHTON
Director, Environmental Health and Safety

CARLOS A. TORRES
Deputy Director, Environmental Health and Safety

13 de junio de 2016

TO: Vecinos y Miembros de la Comunidad de
Jefferson High School

FROM: Los Angeles Unified School District
Oficina de Salud y Seguridad Medioambiental

REGARDING: Estudio Inicial de Sitio
Jefferson High School, Los Angeles, California

La Oficina de Salud y Seguridad Medioambiental (OEHS) de El Distrito Escolar Unificado de Los Angeles (LAUSD) le notifica con anticipación de un Estudio Inicial de Sitio (PEA) que se llevará a cabo para el proyecto de construcción en *Jefferson High School*, ubicada en el 1319 East 41st Street, Los Angeles, California ("Sitio"). La PEA se llevará a cabo en la mayoría parte del campo programado para someterse a una modernización integral.

Un contratista con licencia, trabajando en nombre de LAUSD, llevará a cabo la investigación bajo la supervisión independiente del LAUSD-OEHS, que es independiente de la división de servicios de instalaciones de LAUSD (La división de servicios de instalaciones es la rama responsable para el desarrollo y construcción del proyecto). La investigación ambiental consistirá en la toma de muestras de tierra en los lugares en el campus donde edificios existentes será demolidos, nuevos edificios se construirá, y donde tanques de almacenamiento subterráneo anterior y un incinerador se encontraban anteriormente. El suelo será analizado para el potencial de arsénico residual, hidrocarburos, pintura a base de plomo, bifenilos policlorados (PCBs), plaguicidas organoclorados (OCPs) y volátiles (VOCs) de compuestos orgánicos en el suelo. Si es necesario, se realizará una limpieza de tierra antes de las actividades de construcción para proteger a los estudiantes, facultad y personal.

El trabajo de campo está programado a comenzar el 20 de junio de 2016 y se anticipa que durara cinco días. Este trabajo se llevará a cabo cuando los estudiantes no estén en la escuela, entre 7 a.m. y 5 p.m.

Resultados de la investigación serán presentados a LAUSD-OEHS para su revisión. El reporte indicará si existe arsénico, residuos de pintura conteniendo plomo y OCPs en la tierra, en cantidades que requieran estudios más intensivos o alguna acción en respuesta antes de que la propiedad sea aprobada para actividades de construcción. OEHS revisará el reporte en su totalidad y luego hará una determinación con respecto al estudio preliminar.

Si tiene alguna pregunta sobre esta investigación u otras actividades relacionadas en áreas adyacentes al Sitio, puede comunicarse con Teresa Akins en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1340 (línea principal) o por correo electrónico a teresa.akins@lausd.net o puede comunicarse con Dane Robinson, gerente de proyecto en LAUSD-OEHS, al (213) 241-4122, o por email a dane.robinson@lausd.net.

Appendix D

Laboratory Analytical Reports and Chain-of-Custody Documentation



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 370943
Report Date: 07/05/2016
Date Received: 06/22/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, Ca

This report contains all data that could be reported. Additional samples are not available if further analyses are required.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 370943-001 | SS100-0.5 | 370943-025 | SS39-1.5 | 370943-049 | SS47-1.5 |
| 370943-002 | SS100-1.5 | 370943-026 | SS39-2.5 | 370943-050 | SS47-2.5 |
| 370943-003 | SS100-2.5 | 370943-027 | SS40-0.5 | 370943-051 | SS48-0.5 |
| 370943-004 | SS97-0.5 | 370943-028 | SS40-1.5 | 370943-052 | SS48-1.5 |
| 370943-005 | SS97-1.5 | 370943-029 | SS40-2.5 | 370943-053 | SS48-2.5 |
| 370943-006 | SS97-2.5 | 370943-030 | SS42-0.5 | 370943-054 | SS49-0.5 |
| 370943-007 | SS24-0.5 | 370943-031 | SS42-1.5 | 370943-055 | SS49-1.5 |
| 370943-008 | SS24-1.5 | 370943-032 | SS42-2.5 | 370943-056 | SS49-2.5 |
| 370943-009 | SS24-2.5 | 370943-033 | SS41-0.5 | 370943-057 | SS50-0.5 |
| 370943-010 | SS32-0.5 | 370943-034 | SS41-1.5 | 370943-058 | SS50-1.5 |
| 370943-011 | SS32-1.5 | 370943-035 | SS41-2.5 | 370943-059 | SS50-2.5 |
| 370943-012 | SS32-2.5 | 370943-036 | SS43-0.5 | 370943-060 | SS46-0.5 |
| 370943-013 | SS4-0.5 | 370943-037 | SS43-0.5 DUP | 370943-061 | SS46-0.5 DUP |
| 370943-014 | SS4-1.5 | 370943-038 | SS43-1.5 | 370943-062 | SS46-1.5 |
| 370943-015 | SS4-2.5 | 370943-039 | SS43-2.5 | 370943-063 | SS46-2.5 |
| 370943-016 | SS3-0.5 | 370943-040 | SS44-0.5 | 370943-064 | SS35-0.5 |
| 370943-017 | SS3-0.5 DUP | 370943-041 | SS44-0.5 DUP | 370943-065 | SS35-1.5 |
| 370943-018 | SS3-1.5 | 370943-042 | SS44-1.5 | 370943-066 | SS35-2.5 |
| 370943-019 | SS3-2.5 | 370943-043 | SS44-2.5 | 370943-067 | SS38-0.5 |
| 370943-020 | SS37-0.5 | 370943-044 | SS45-0.5 | 370943-068 | SS38-1.5 |
| 370943-021 | SS37-0.5 DUP | 370943-045 | SS45-0.5 DUP | 370943-069 | SS38-2.5 |
| 370943-022 | SS37-1.5 | 370943-046 | SS45-1.5 | 370943-070 | SS36-0.5 |
| 370943-023 | SS37-2.5 | 370943-047 | SS45-2.5 | 370943-071 | SS36-1.5 |
| 370943-024 | SS39-0.5 | 370943-048 | SS47-0.5 | 370943-072 | SS36-2.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke
Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.
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Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 07:50

Site:

Sample #: 370943-001

Client Sample #: SS100-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|---------------|------------------------|---------|---------------|-------|----------------------|-------------|-------|--|
| Method: EPA 6010B NELAC | | Prep Method: EPA 3050B | | | | QCBatchID: QC1168597 | | | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Arsenic | 3.74 | 1 | 0.36 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Barium | 84.8 | 1 | 0.23 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Cadmium | 0.42 J | 1 | 0.21 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN J | |
| Chromium | 11.5 | 1 | 0.13 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Cobalt | 5.52 | 1 | 0.19 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Copper | 11.9 | 1 | 0.31 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Lead | 19.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Molybdenum | 1.54 | 1 | 0.13 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Nickel | 12.2 | 1 | 0.2 | 1.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN B | |
| Silver | 0.52 | 1 | 0.13 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Vanadium | 23.7 | 1 | 0.37 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Zinc | 50.0 | 1 | 0.28 | 5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Method: EPA 6020 NELAC | | Prep Method: EPA 3050B | | | | QCBatchID: QC1168699 | | | |
| Arsenic | 3.44 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN | |
| Method: EPA 7471A NELAC | | Prep Method: EPA 7471A | | | | QCBatchID: QC1168585 | | | |
| Mercury | 0.06 J | 1 | 0.02 | 0.14 | mg/Kg | 06/24/16 | 06/24/16 | JP J | |
| Method: EPA 8015B NELAC | | Prep Method: EPA 5035 | | | | QCBatchID: QC1168626 | | | |
| TPH Gasoline | ND | 1.32 | 0.20988 | 3.96 | mg/Kg | 06/24/16 | TT | | |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | | 85 | | 60-140 | | | | | |
| Method: EPA 8260B NELAC | | Prep Method: EPA 5035 | | | | QCBatchID: QC1168536 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,1-Trichloroethane | ND | 1.06 | 0.159 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.06 | 0.3074 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2-Trichloroethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.06 | 0.7844 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloroethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloroethene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloropropene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,3-Trichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,3-Trichloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,4-Trichlorobenzene | ND | 1.06 | 0.3498 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,4-Trimethylbenzene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dibromo-3-chloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dibromoethane | ND | 1.06 | 0.1272 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichloroethane | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichloropropane | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3,5-Trimethylbenzene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3-Dichlorobenzene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 1,4-Dichlorobenzene | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 2,2-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 2-Butanone (MEK) | 1.4 J | 1.06 | 0.7632 | 106 | ug/Kg | 06/23/16 | ZZ | J | |
| 2-Chloroethyl Vinyl Ether | ND | 1.06 | 0.318 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 2-Chlorotoluene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |
| 4-Chlorotoluene | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/23/16 | ZZ | | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 07:50

Site:

Sample #: 370943-001

Client Sample #: SS100-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|---------------|-------------|-------|
| 4-Isopropyltoluene | ND | 1.06 | 0.2862 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | ND | 1.06 | 10.6 | 106 | ug/Kg | | 06/23/16 | ZZ |
| Allyl Chloride | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.57 J | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 1.06 | 0.318 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.06 | 0.4452 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.06 | 0.265 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.06 | 0.1696 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.06 | 0.1378 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.06 | 9.328 | 10.6 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.31 J | 1.06 | 0.2438 | 5.3 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.06 | 0.4134 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.06 | 0.265 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.06 | 0.477 | 5.3 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 150 | | 70-145 | S | Results < RDL | | |
| 4-Bromofluorobenzene (SUR) | | 118 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 111 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 07:52 | Site: | |
| Sample #: <u>370943-002</u> | Client Sample #: SS100-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 07:54 | Site: | |
| Sample #: <u>370943-003</u> | Client Sample #: SS100-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 08:04

Site:

Sample #: 370943-004

Client Sample #: SS97-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|---------------|------------------------|---------|---------------|-------|----------------------|-------------|-------|--|
| Method: EPA 6010B NELAC | | Prep Method: EPA 3050B | | | | QCBatchID: QC1168597 | | | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Arsenic | 2.61 | 1 | 0.36 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Barium | 71.2 | 1 | 0.23 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Cadmium | 0.37 J | 1 | 0.21 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN J | |
| Chromium | 13.1 | 1 | 0.13 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Cobalt | 5.25 | 1 | 0.19 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Copper | 13.2 | 1 | 0.31 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Lead | 18.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Molybdenum | 0.99 J | 1 | 0.13 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN J | |
| Nickel | 11.4 | 1 | 0.2 | 1.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN B | |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Vanadium | 21.7 | 1 | 0.37 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Zinc | 40.0 | 1 | 0.28 | 5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Method: EPA 6020 NELAC | | Prep Method: EPA 3050B | | | | QCBatchID: QC1168699 | | | |
| Arsenic | 3.58 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN | |
| Method: EPA 7471A NELAC | | Prep Method: EPA 7471A | | | | QCBatchID: QC1168585 | | | |
| Mercury | ND | 1 | 0.02 | 0.14 | mg/Kg | 06/24/16 | 06/24/16 | JP | |
| Method: EPA 8015B NELAC | | Prep Method: EPA 5035 | | | | QCBatchID: QC1168626 | | | |
| TPH Gasoline | ND | 1.14 | 0.18126 | 3.42 | mg/Kg | 06/24/16 | TT | | |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | | 86 | | 60-140 | | | | | |
| Method: EPA 8260B NELAC | | Prep Method: EPA 5035 | | | | QCBatchID: QC1168536 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,1-Trichloroethane | ND | 0.91 | 0.1365 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.91 | 0.2639 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2-Trichloroethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.91 | 0.6734 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloroethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloroethene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,1-Dichloropropene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,3-Trichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,3-Trichloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,4-Trichlorobenzene | ND | 0.91 | 0.3003 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2,4-Trimethylbenzene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dibromo-3-chloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dibromoethane | ND | 0.91 | 0.1092 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichloroethane | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,2-Dichloropropane | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3,5-Trimethylbenzene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3-Dichlorobenzene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,3-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 1,4-Dichlorobenzene | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 2,2-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 2-Butanone (MEK) | ND | 0.91 | 0.6552 | 91 | ug/Kg | 06/23/16 | ZZ | | |
| 2-Chloroethyl Vinyl Ether | ND | 0.91 | 0.273 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 2-Chlorotoluene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |
| 4-Chlorotoluene | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | 06/23/16 | ZZ | | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 08:04

Site:

Sample #: 370943-004

Client Sample #: SS97-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|------|-------------------|------|---------------|----------|--------------|-------|
| 4-Isopropyltoluene | ND | 0.91 | 0.2457 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Acetone | ND | 0.91 | 9.1 | 91 | ug/Kg | 06/23/16 | ZZ | |
| Allyl Chloride | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Benzene | 1.3 J | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | J |
| Bromobenzene | ND | 0.91 | 0.273 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Bromochloromethane | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Bromodichloromethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Bromoform | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Bromomethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Carbon Tetrachloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Chlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Chlorodibromomethane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Chloroethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Chloroform | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Chloromethane | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Dibromomethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Dichlorodifluoromethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Ethylbenzene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 0.91 | 0.3822 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Hexachlorobutadiene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Isopropylbenzene | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| m and p-Xylene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Methylene chloride | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Naphthalene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| N-butylbenzene | ND | 0.91 | 0.1456 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| N-propylbenzene | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| o-Xylene | ND | 0.91 | 0.1183 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Sec-butylbenzene | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Styrene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 0.91 | 8.008 | 9.1 | ug/Kg | 06/23/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Tert-butylbenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Tetrachloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Toluene | 0.44 J | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | J |
| trans-1,2-dichloroethene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Trichloroethene | ND | 0.91 | 0.3549 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Trichlorofluoromethane | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Vinyl Chloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| Xylenes (Total) | ND | 0.91 | 0.4095 | 4.55 | ug/Kg | 06/23/16 | ZZ | |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | |
| 1,2-Dichloroethane-d4 (SUR) | | | 140 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | | 116 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | | 113 | | 70-145 | | | |
| Toluene-d8 (SUR) | | | 97 | | 70-145 | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:06 | Site: | |
| Sample #: <u>370943-005</u> | Client Sample #: SS97-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:08 | Site: | |
| Sample #: <u>370943-006</u> | Client Sample #: SS97-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:20 | Site: | |
| Sample #: <u>370943-007</u> | Client Sample #: SS24-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 40.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.65 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:22 | Site: | |
| Sample #: <u>370943-008</u> | Client Sample #: SS24-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:24 | Site: | |
| Sample #: <u>370943-009</u> | Client Sample #: SS24-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:30 | Site: | |
| Sample #: 370943-010 | Client Sample #: SS32-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------------|------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 158 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 4.33 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 91 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.19 | 0.2856 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.19 | 0.1785 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.19 | 0.3451 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.19 | 0.8806 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.19 | 0.3927 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.19 | 0.3332 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.19 | 0.1428 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.19 | 0.4046 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.19 | 0.2856 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 0.86 J | 1.19 | 0.8568 | 119 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.19 | 0.357 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.19 | 0.3213 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 85 J | 1.19 | 11.9 | 119 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 1.3 J | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.19 | 0.357 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:30 | Site: | |
| Sample #: <u>370943-010</u> | Client Sample #: SS32-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.19 | 0.4998 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.19 | 0.4522 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.19 | 0.3332 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.19 | 0.1904 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.19 | 0.1547 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.19 | 0.4046 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.19 | 10.472 | 11.9 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.60 J | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.19 | 0.4522 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.19 | 0.4641 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.19 | 0.5355 | 5.95 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 116 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 105 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 116 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 95 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:32 | Site: | |
| Sample #: <u>370943-011</u> | Client Sample #: SS32-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:34 | Site: | |
| Sample #: <u>370943-012</u> | Client Sample #: SS32-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:41 | Site: | |
| Sample #: 370943-013 | Client Sample #: SS4-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 13.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 1.247 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 92 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.16 | 0.174 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.16 | 0.3364 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.16 | 0.8584 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.16 | 0.3828 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.16 | 0.1392 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.16 | 0.8352 | 116 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.16 | 0.3132 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 13 J | 1.16 | 11.6 | 116 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 2.1 J | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:41 | Site: | |
| Sample #: <u>370943-013</u> | Client Sample #: SS4-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.16 | 0.4872 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | 0.28 J | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.16 | 0.1856 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.16 | 0.1508 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.16 | 10.208 | 11.6 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.67 J | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.16 | 0.4524 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.16 | 0.522 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 118 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 114 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 114 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 101 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:43 | Site: | |
| Sample #: <u>370943-014</u> | Client Sample #: SS4-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:45 | Site: | |
| Sample #: <u>370943-015</u> | Client Sample #: SS4-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:53 | Site: | |
| Sample #: <u>370943-016</u> | Client Sample #: SS3-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|----------------------|-----|-------|----------|-------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168597 | | | | | |
| Lead | 77.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168699 | | | | | |
| Arsenic | 4.17 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |

| | | |
|------------------------------------|-------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:53 | Site: | |
| Sample #: <u>370943-017</u> | Client Sample #: SS3-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|----------------------|-----|-------|----------|-------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168597 | | | | | |
| Lead | 35.1 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168699 | | | | | |
| Arsenic | 3.28 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:54 | Site: | |
| Sample #: <u>370943-018</u> | Client Sample #: SS3-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|------------|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | QCBatchID: | | | | | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 08:55 | Site: | |
| Sample #: <u>370943-019</u> | Client Sample #: SS3-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|------------|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | QCBatchID: | | | | | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:10 | Site: | |
| Sample #: 370943-020 | Client Sample #: SS37-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------------|------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 22.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.22 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.22 | 0.19398 | 3.66 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 88 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.09 | 0.1635 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.09 | 0.3161 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.09 | 0.8066 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.09 | 0.3597 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.09 | 0.1308 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 3.5 J | 1.09 | 0.7848 | 109 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.09 | 0.327 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.09 | 0.2943 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 18 J | 1.09 | 10.9 | 109 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromobenzene | ND | 1.09 | 0.327 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 09:10

Site:

Sample #: 370943-020

Client Sample #: SS37-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|------|-------------------|------|---------------|----------|-------------|--------------|
| cis-1,3-dichloropropene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.09 | 0.4578 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | 0.25 J | 1.09 | 0.2398 | 5.45 | ug/Kg | | 06/23/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.09 | 0.1744 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.09 | 0.1417 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.09 | 9.592 | 10.9 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.09 | 0.4251 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.09 | 0.4905 | 5.45 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | | | 115 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | | 117 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | | 114 | | 70-145 | | | |
| Toluene-d8 (SUR) | | | 101 | | 70-145 | | | |

| | | |
|----------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:10 | Site: | |
| Sample #: 370943-021 | Client Sample #: SS37-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|----------------------|------|--------------|----------|-------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168597 | | | | | |
| Lead | 53.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | QCBatchID: QC1168699 | | | | | |
| Arsenic | 3.49 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1168626 | | | | | |
| TPH Gasoline | ND | 1.28 | 0.20352 | 3.84 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 89 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1168567 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.11 | 0.1665 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.11 | 0.3219 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.11 | 0.8214 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.11 | 0.3663 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.11 | 0.1332 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.11 | 0.7992 | 111 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.11 | 0.333 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.11 | 0.2997 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 17 J | 1.11 | 11.1 | 111 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 1.5 J | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 1.11 | 0.333 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:10 | Site: | |
| Sample #: <u>370943-021</u> | Client Sample #: SS37-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.11 | 0.4662 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | 0.24 J | 1.11 | 0.2331 | 5.55 | ug/Kg | | 06/23/16 | ZZ J |
| Methylene chloride | 0.28 J | 1.11 | 0.2442 | 5.55 | ug/Kg | | 06/23/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.11 | 0.1776 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.11 | 0.1443 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.11 | 9.768 | 11.1 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.65 J | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.11 | 0.4329 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.11 | 0.4995 | 5.55 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 115 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 112 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 114 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 95 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:12 | Site: | |
| Sample #: <u>370943-022</u> | Client Sample #: SS37-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:14 | Site: | |
| Sample #: <u>370943-023</u> | Client Sample #: SS37-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:23 | Site: | |
| Sample #: 370943-024 | Client Sample #: SS39-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 30.5 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.22 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 0.98 | 0.15582 | 2.94 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 97 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.91 | 0.1365 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.91 | 0.2639 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.91 | 0.6734 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.91 | 0.3003 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.91 | 0.1092 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | ND | 0.91 | 0.6552 | 91 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 0.91 | 0.273 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.91 | 0.2457 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 11 J | 0.91 | 9.1 | 91 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.31 J | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 0.91 | 0.273 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:23 | Site: | |
| Sample #: <u>370943-024</u> | Client Sample #: SS39-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.91 | 0.3822 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | 0.28 J | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 0.91 | 0.1456 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 0.91 | 0.1183 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.91 | 8.008 | 9.1 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,2-dichloroethene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 0.91 | 0.3549 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 0.91 | 0.4095 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 113 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 111 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 114 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:24 | Site: | |
| Sample #: <u>370943-025</u> | Client Sample #: SS39-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:25 | Site: | |
| Sample #: <u>370943-026</u> | Client Sample #: SS39-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:44 | Site: | |
| Sample #: 370943-027 | Client Sample #: SS40-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 23.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.62 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.16 | 0.18444 | 3.48 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 82 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.19 | 0.2856 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.19 | 0.1785 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.19 | 0.3451 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.19 | 0.8806 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.19 | 0.3927 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.19 | 0.3332 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.19 | 0.1428 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.19 | 0.4046 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.19 | 0.2856 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 3.4 J | 1.19 | 0.8568 | 119 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.19 | 0.357 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.19 | 0.3213 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 24 J | 1.19 | 11.9 | 119 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Bromobenzene | ND | 1.19 | 0.357 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:44 | Site: | |
| Sample #: <u>370943-027</u> | Client Sample #: SS40-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.19 | 0.4998 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.19 | 0.4522 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.19 | 0.2023 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 1.19 | 0.2499 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | ND | 1.19 | 0.2618 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.19 | 0.3332 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.19 | 0.1904 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.19 | 0.1547 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.19 | 0.4046 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.19 | 10.472 | 11.9 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.19 | 0.2261 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.19 | 0.238 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.19 | 0.2737 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.19 | 0.1666 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.19 | 0.4522 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.19 | 0.4641 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.19 | 0.2975 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.19 | 0.2142 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.19 | 0.5355 | 5.95 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 123 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 114 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 110 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 99 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:46 | Site: | |
| Sample #: <u>370943-028</u> | Client Sample #: SS40-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:48 | Site: | |
| Sample #: <u>370943-029</u> | Client Sample #: SS40-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:58 | Site: | |
| Sample #: 370943-030 | Client Sample #: SS42-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 44.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.78 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 0.89 | 0.14151 | 2.67 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 99 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.89 | 0.1335 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.89 | 0.2581 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.89 | 0.6586 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.89 | 0.2937 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.89 | 0.1068 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 3.2 J | 0.89 | 0.6408 | 89 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 0.89 | 0.267 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.89 | 0.2403 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | 0.88 J | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ J |
| Acetone | 19 J | 0.89 | 8.9 | 89 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.67 J | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 0.89 | 0.267 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:58 | Site: | |
| Sample #: <u>370943-030</u> | Client Sample #: SS42-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.89 | 0.3738 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | 0.21 J | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ J |
| Methylene chloride | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 0.89 | 0.1424 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 0.89 | 0.1157 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.89 | 7.832 | 8.9 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.46 J | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 0.89 | 0.3471 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 0.89 | 0.4005 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 119 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 105 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 108 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 93 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 09:59 | Site: | |
| Sample #: <u>370943-031</u> | Client Sample #: SS42-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:00 | Site: | |
| Sample #: <u>370943-032</u> | Client Sample #: SS42-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:13 | Site: | |
| Sample #: 370943-033 | Client Sample #: SS41-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------------|--------------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 27.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.18 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.28 | 0.20352 | 3.84 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | 86 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.32 | 0.198 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.32 | 0.3828 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.32 | 0.9768 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.32 | 0.4356 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.32 | 0.1584 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.32 | 0.9504 | 132 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.32 | 0.3564 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | ND | 1.32 | 13.2 | 132 | ug/Kg | | 06/23/16 | ZZ |
| Allyl Chloride | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 1.6 J | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:13 | Site: | |
| Sample #: <u>370943-033</u> | Client Sample #: SS41-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.32 | 0.5544 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | 0.33 J | 1.32 | 0.2112 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| N-propylbenzene | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.32 | 0.1716 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.32 | 11.616 | 13.2 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.54 J | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.32 | 0.5148 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.32 | 0.594 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 119 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 102 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 112 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:14 | Site: | |
| Sample #: <u>370943-034</u> | Client Sample #: SS41-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:15 | Site: | |
| Sample #: <u>370943-035</u> | Client Sample #: SS41-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:24 | Site: | |
| Sample #: 370943-036 | Client Sample #: SS43-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 20.4 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 2.47 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.04 | 0.16536 | 3.12 | mg/Kg | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 71 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.89 | 0.1335 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.89 | 0.2581 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.89 | 0.6586 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.89 | 0.2937 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.89 | 0.1068 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | ND | 0.89 | 0.6408 | 89 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 0.89 | 0.267 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.89 | 0.2403 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 9.5 J | 0.89 | 8.9 | 89 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.20 J | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 0.89 | 0.267 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 10:24

Site:

Sample #: 370943-036

Client Sample #: SS43-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.89 | 0.3738 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 0.89 | 0.1424 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 0.89 | 0.1157 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.89 | 7.832 | 8.9 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,2-dichloroethene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 0.89 | 0.3471 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 0.89 | 0.4005 | 4.45 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 119 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 110 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 110 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 95 | | 70-145 | | | | |

| | | |
|----------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:24 | Site: | |
| Sample #: 370943-037 | Client Sample #: SS43-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 85.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 9.98 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.04 | 0.16536 | 3.12 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 99 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.94 | 0.2256 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.94 | 0.141 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.94 | 0.2726 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.94 | 0.2068 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.94 | 0.6956 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.94 | 0.1974 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.94 | 0.3102 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | 0.28 J | 0.94 | 0.2632 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| 1,2-Dibromo-3-chloropropane | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.94 | 0.1128 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.94 | 0.1316 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.94 | 0.3196 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.94 | 0.1974 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.94 | 0.2256 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 5.4 J | 0.94 | 0.6768 | 94 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 0.94 | 0.282 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 0.94 | 0.235 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 0.94 | 0.2068 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.94 | 0.2538 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | 0.31 J | 0.94 | 0.1598 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Acetone | 19 J | 0.94 | 9.4 | 94 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 0.94 | 0.1316 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 2.3 J | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 0.94 | 0.282 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 0.94 | 0.2068 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 0.94 | 0.1598 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 0.94 | 0.1974 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:24 | Site: | |
| Sample #: <u>370943-037</u> | Client Sample #: SS43-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.94 | 0.1974 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | 0.57 J | 0.94 | 0.235 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Ethyl-tertbutylether (ETBE) | ND | 0.94 | 0.3948 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 0.94 | 0.3572 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 0.94 | 0.1598 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | 0.74 J | 0.94 | 0.1974 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Methylene chloride | 0.54 J | 0.94 | 0.2068 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 0.94 | 0.235 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 0.94 | 0.2632 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 0.94 | 0.1504 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | 0.36 J | 0.94 | 0.1222 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| Sec-butylbenzene | ND | 0.94 | 0.3196 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.94 | 8.272 | 9.4 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.94 | 0.1786 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 0.94 | 0.188 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 2.3 J | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 0.94 | 0.2162 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.94 | 0.1316 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.94 | 0.3572 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 0.94 | 0.3666 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 0.94 | 0.235 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 0.94 | 0.1692 | 4.7 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | 1.1 J | 0.94 | 0.423 | 4.7 | ug/Kg | | 06/23/16 | ZZ J |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 108 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 109 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 99 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:26 | Site: | |
| Sample #: <u>370943-038</u> | Client Sample #: SS43-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:28 | Site: | |
| Sample #: <u>370943-039</u> | Client Sample #: SS43-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:42 | Site: | |
| Sample #: 370943-040 | Client Sample #: SS44-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------------|------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 79.1 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 3.22 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 0.94 | 0.14946 | 2.82 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 100 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.91 | 0.1365 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.91 | 0.2639 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.91 | 0.6734 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.91 | 0.3003 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.91 | 0.1092 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.91 | 0.2184 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 2.0 J | 0.91 | 0.6552 | 91 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 0.91 | 0.273 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.91 | 0.2457 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 16 J | 0.91 | 9.1 | 91 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.79 J | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 0.91 | 0.273 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:42 | Site: | |
| Sample #: <u>370943-040</u> | Client Sample #: SS44-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.91 | 0.3822 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 0.91 | 0.1547 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 0.91 | 0.1911 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | ND | 0.91 | 0.2002 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 0.91 | 0.2548 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 0.91 | 0.1456 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 0.91 | 0.1183 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 0.91 | 0.3094 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.91 | 8.008 | 9.1 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.91 | 0.1729 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 0.91 | 0.182 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.39 J | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 0.91 | 0.2093 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.91 | 0.1274 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.91 | 0.3458 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 0.91 | 0.3549 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 0.91 | 0.2275 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 0.91 | 0.1638 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 0.91 | 0.4095 | 4.55 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 124 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 106 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 106 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 94 | | 70-145 | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:42 | Site: | |
| Sample #: <u>370943-041</u> | Client Sample #: SS44-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:44 | Site: | |
| Sample #: <u>370943-042</u> | Client Sample #: SS44-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 10:45 | Site: | |
| Sample #: <u>370943-043</u> | Client Sample #: SS44-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----------|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:00 | Site: | |
| Sample #: 370943-044 | Client Sample #: SS45-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 18.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 2.34 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 0.93 | 0.14787 | 2.79 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 100 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.16 | 0.174 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.16 | 0.3364 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.16 | 0.8584 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.16 | 0.3828 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.16 | 0.1392 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 10 J | 1.16 | 0.8352 | 116 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.16 | 0.3132 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 53 J | 1.16 | 11.6 | 116 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 1.1 J | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | 2.0 J | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/23/16 | ZZ J |
| Carbon Tetrachloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:00 | Site: | |
| Sample #: <u>370943-044</u> | Client Sample #: SS45-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.16 | 0.4872 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Methylene chloride | 0.34 J | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/23/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.16 | 0.1856 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.16 | 0.1508 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.16 | 10.208 | 11.6 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.74 J | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.16 | 0.4524 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.16 | 0.522 | 5.8 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 108 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 114 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 101 | | 70-145 | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:00 | Site: | |
| Sample #: <u>370943-045</u> | Client Sample #: SS45-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:01 | Site: | |
| Sample #: <u>370943-046</u> | Client Sample #: SS45-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:02 | Site: | |
| Sample #: <u>370943-047</u> | Client Sample #: SS45-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:15 | Site: | |
| Sample #: 370943-048 | Client Sample #: SS47-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 310 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 2.50 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.32 | 0.20988 | 3.96 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 83 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.32 | 0.198 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.32 | 0.3828 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.32 | 0.9768 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.32 | 0.4356 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.32 | 0.1584 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2-Butanone (MEK) | 3.9 J | 1.32 | 0.9504 | 132 | ug/Kg | | 06/23/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 2-Chlorotoluene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Chlorotoluene | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.32 | 0.3564 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Acetone | 31 J | 1.32 | 13.2 | 132 | ug/Kg | | 06/23/16 | ZZ J |
| Allyl Chloride | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Benzene | 0.51 J | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| Bromobenzene | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromochloromethane | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromodichloromethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromoform | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Bromomethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Carbon Tetrachloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chlorodibromomethane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloroethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloroform | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Chloromethane | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:15 | Site: | |
| Sample #: <u>370943-048</u> | Client Sample #: SS47-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Dibromomethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Ethylbenzene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.32 | 0.5544 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Hexachlorobutadiene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Isopropylbenzene | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| m and p-Xylene | 0.31 J | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| Methylene chloride | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Naphthalene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| N-butylbenzene | ND | 1.32 | 0.2112 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| N-propylbenzene | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| o-Xylene | ND | 1.32 | 0.1716 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Sec-butylbenzene | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Styrene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.32 | 11.616 | 13.2 | ug/Kg | | 06/23/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Tert-butylbenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Tetrachloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Toluene | 0.42 J | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Trichloroethene | ND | 1.32 | 0.5148 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Trichlorofluoromethane | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Vinyl Chloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| Xylenes (Total) | ND | 1.32 | 0.594 | 6.6 | ug/Kg | | 06/23/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 123 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 123 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 110 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 102 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:16 | Site: | |
| Sample #: <u>370943-049</u> | Client Sample #: SS47-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:17 | Site: | |
| Sample #: <u>370943-050</u> | Client Sample #: SS47-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:25 | Site: | |
| Sample #: 370943-051 | Client Sample #: SS48-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 24.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 1.621 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1.22 | 0.19398 | 3.66 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 87 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.32 | 0.198 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.32 | 0.3828 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.32 | 0.9768 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.32 | 0.4356 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.32 | 0.1584 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 2.3 J | 1.32 | 0.9504 | 132 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.32 | 0.3564 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 21 J | 1.32 | 13.2 | 132 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 0.59 J | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.32 | 0.396 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:25 | Site: | |
| Sample #: <u>370943-051</u> | Client Sample #: SS48-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.32 | 0.5544 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.32 | 0.2112 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.32 | 0.1716 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.32 | 11.616 | 13.2 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.37 J | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.32 | 0.5148 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.32 | 0.33 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.32 | 0.594 | 6.6 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 123 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 119 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 115 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 106 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:26 | Site: | |
| Sample #: <u>370943-052</u> | Client Sample #: SS48-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:27 | Site: | |
| Sample #: <u>370943-053</u> | Client Sample #: SS48-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:43 | Site: | |
| Sample #: 370943-054 | Client Sample #: SS49-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|--------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168597 | |
| Lead | 74.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168699 | |
| Arsenic | 2.12 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 1 | 0.159 | 3 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 94 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.25 | 0.3 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.25 | 0.1875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.25 | 0.3625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.25 | 0.275 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.25 | 0.925 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.25 | 0.2625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.25 | 0.4125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.25 | 0.35 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.25 | 0.15 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.25 | 0.175 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.25 | 0.425 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.25 | 0.2625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.25 | 0.3 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 3.5 J | 1.25 | 0.9 | 125 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.25 | 0.375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.25 | 0.3125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.25 | 0.275 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.25 | 0.3375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.25 | 0.2125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 26 J | 1.25 | 12.5 | 125 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.25 | 0.175 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 1.4 J | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.25 | 0.375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 1.25 | 0.275 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 1.25 | 0.2125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 1.25 | 0.2625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:43 | Site: | |
| Sample #: <u>370943-054</u> | Client Sample #: SS49-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.25 | 0.2625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.25 | 0.3125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.25 | 0.525 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.25 | 0.475 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.25 | 0.2125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | 0.30 J | 1.25 | 0.2625 | 6.25 | ug/Kg | | 06/24/16 | ZZ J |
| Methylene chloride | ND | 1.25 | 0.275 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.25 | 0.3125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.25 | 0.35 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.25 | 0.2 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.25 | 0.1625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.25 | 0.425 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.25 | 11 | 12.5 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.25 | 0.2375 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.25 | 0.25 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.78 J | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.25 | 0.2875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.25 | 0.175 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.25 | 0.475 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.25 | 0.4875 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.25 | 0.3125 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.25 | 0.225 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.25 | 0.5625 | 6.25 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 120 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 112 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 108 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 102 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:44 | Site: | |
| Sample #: <u>370943-055</u> | Client Sample #: SS49-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 11:45 | Site: | |
| Sample #: <u>370943-056</u> | Client Sample #: SS49-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 12:46 | Site: | |
| Sample #: 370943-057 | Client Sample #: SS50-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|------|---------------|------|--------------|----------------------|-------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QCBatchID: QC1168598 | | | |
| Lead | 25.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QCBatchID: QC1168700 | | | |
| Arsenic | 3.09 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168626 | | | |
| TPH Gasoline | ND | 1.09 | 0.17331 | 3.27 | mg/Kg | | 06/25/16 | TT | |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | 94 | | 60-140 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168567 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.02 | 0.2448 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1.02 | 0.153 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1.02 | 0.2958 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.02 | 0.7548 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1.02 | 0.3366 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1.02 | 0.2856 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1.02 | 0.1224 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1.02 | 0.3468 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1.02 | 0.2448 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2-Butanone (MEK) | 1.5 J | 1.02 | 0.7344 | 102 | ug/Kg | | 06/24/16 | ZZ J | |
| 2-Chloroethyl Vinyl Ether | ND | 1.02 | 0.306 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2-Chlorotoluene | ND | 1.02 | 0.255 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.02 | 0.2754 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Acetone | 14 J | 1.02 | 10.2 | 102 | ug/Kg | | 06/24/16 | ZZ J | |
| Allyl Chloride | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Benzene | 1.2 J | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ J | |
| Bromobenzene | ND | 1.02 | 0.306 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromoform | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromomethane | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloroethane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloroform | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloromethane | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 12:46 | Site: | |
| Sample #: <u>370943-057</u> | Client Sample #: SS50-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.02 | 0.255 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.02 | 0.4284 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.02 | 0.3876 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.02 | 0.255 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.02 | 0.2856 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.02 | 0.1632 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.02 | 0.1326 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.02 | 0.3468 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.02 | 8.976 | 10.2 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.48 J | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.02 | 0.3876 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.02 | 0.3978 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.02 | 0.255 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.02 | 0.459 | 5.1 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 118 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 109 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 109 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 12:47 | Site: | |
| Sample #: <u>370943-058</u> | Client Sample #: SS50-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 12:48 | Site: | |
| Sample #: <u>370943-059</u> | Client Sample #: SS50-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:01 | Site: | |
| Sample #: 370943-060 | Client Sample #: SS46-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|------|---------------|------|--------------|------------------------|-------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QC Batch ID: QC1168598 | | | |
| Lead | 19.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QC Batch ID: QC1168700 | | | |
| Arsenic | 3.79 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QC Batch ID: QC1168626 | | | |
| TPH Gasoline | ND | 1.06 | 0.16854 | 3.18 | mg/Kg | | 06/25/16 | TT | |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | 95 | | 60-140 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QC Batch ID: QC1168567 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.22 | 0.2928 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1.22 | 0.183 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.22 | 0.3538 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.22 | 0.9028 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1.22 | 0.4026 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1.22 | 0.3416 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1.22 | 0.1464 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1.22 | 0.4148 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1.22 | 0.2928 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2-Butanone (MEK) | 0.90 J | 1.22 | 0.8784 | 122 | ug/Kg | | 06/24/16 | ZZ J | |
| 2-Chloroethyl Vinyl Ether | ND | 1.22 | 0.366 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 2-Chlorotoluene | ND | 1.22 | 0.305 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.22 | 0.3294 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Acetone | 17 J | 1.22 | 12.2 | 122 | ug/Kg | | 06/24/16 | ZZ J | |
| Allyl Chloride | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Benzene | 1.7 J | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ J | |
| Bromobenzene | ND | 1.22 | 0.366 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromoform | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Bromomethane | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloroethane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloroform | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| Chloromethane | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:01 | Site: | |
| Sample #: <u>370943-060</u> | Client Sample #: SS46-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.22 | 0.305 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.22 | 0.5124 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.22 | 0.4636 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.22 | 0.305 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.22 | 0.3416 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.22 | 0.1952 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.22 | 0.1586 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.22 | 0.4148 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.22 | 10.736 | 12.2 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.77 J | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.22 | 0.4636 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.22 | 0.4758 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.22 | 0.305 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.22 | 0.549 | 6.1 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 119 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 115 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 117 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:01 | Site: | |
| Sample #: <u>370943-061</u> | Client Sample #: SS46-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:02 | Site: | |
| Sample #: <u>370943-062</u> | Client Sample #: SS46-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:03 | Site: | |
| Sample #: <u>370943-063</u> | Client Sample #: SS46-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:10 | Site: | |
| Sample #: 370943-064 | Client Sample #: SS35-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168598 | |
| Lead | 51.4 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168700 | |
| Arsenic | 4.20 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168626 | |
| TPH Gasoline | ND | 0.94 | 0.14946 | 2.82 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 97 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.83 | 0.1992 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.83 | 0.1245 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 0.83 | 0.2407 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2-Trichloroethane | ND | 0.83 | 0.1826 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.83 | 0.6142 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.83 | 0.1743 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.83 | 0.2739 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.83 | 0.2324 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.83 | 0.0996 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.83 | 0.1162 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.83 | 0.2822 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.83 | 0.1743 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.83 | 0.1992 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 2.3 J | 0.83 | 0.5976 | 83 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 0.83 | 0.249 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 0.83 | 0.2075 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 0.83 | 0.1826 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.83 | 0.2241 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.83 | 0.1411 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 20 J | 0.83 | 8.3 | 83 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 0.83 | 0.1162 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 0.95 J | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 0.83 | 0.249 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 0.83 | 0.1826 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 0.83 | 0.1411 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 0.83 | 0.1743 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:10 | Site: | |
| Sample #: <u>370943-064</u> | Client Sample #: SS35-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.83 | 0.1743 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 0.83 | 0.2075 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.83 | 0.3486 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 0.83 | 0.3154 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 0.83 | 0.1411 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 0.83 | 0.1743 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 0.83 | 0.1826 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.83 | 0.2075 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 0.83 | 0.2324 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 0.83 | 0.1328 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 0.83 | 0.1079 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 0.83 | 0.2822 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.83 | 7.304 | 8.3 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.83 | 0.1577 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 0.83 | 0.166 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.40 J | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 0.83 | 0.1909 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.83 | 0.1162 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.83 | 0.3154 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 0.83 | 0.3237 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 0.83 | 0.2075 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 0.83 | 0.1494 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 0.83 | 0.3735 | 4.15 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 122 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 117 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 111 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 100 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:11 | Site: | |
| Sample #: <u>370943-065</u> | Client Sample #: SS35-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:12 | Site: | |
| Sample #: <u>370943-066</u> | Client Sample #: SS35-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:19 | Site: | |
| Sample #: 370943-067 | Client Sample #: SS38-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------------|--------------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168598 | |
| Lead | 107 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168700 | |
| Arsenic | 2.40 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 0.88 | 0.13992 | 2.64 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | 100 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.98 | 0.2352 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.98 | 0.147 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 0.98 | 0.2842 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.98 | 0.7252 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.98 | 0.3234 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.98 | 0.2744 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.98 | 0.1176 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.98 | 0.3332 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.98 | 0.2352 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 0.83 J | 0.98 | 0.7056 | 98 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 0.98 | 0.294 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 0.98 | 0.245 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.98 | 0.2646 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 14 J | 0.98 | 9.8 | 98 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 0.85 J | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 0.98 | 0.294 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:19 | Site: | |
| Sample #: <u>370943-067</u> | Client Sample #: SS38-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 0.98 | 0.245 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.98 | 0.4116 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 0.98 | 0.3724 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.98 | 0.245 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 0.98 | 0.2744 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 0.98 | 0.1568 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 0.98 | 0.1274 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 0.98 | 0.3332 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.98 | 8.624 | 9.8 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.40 J | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.98 | 0.3724 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 0.98 | 0.3822 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 0.98 | 0.245 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 0.98 | 0.441 | 4.9 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 113 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 111 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 100 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:20 | Site: | |
| Sample #: <u>370943-068</u> | Client Sample #: SS38-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:21 | Site: | |
| Sample #: <u>370943-069</u> | Client Sample #: SS38-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:38 | Site: | |
| Sample #: 370943-070 | Client Sample #: SS36-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168598 | |
| Lead | 52.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168700 | |
| Arsenic | 2.45 J | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 91 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168567 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.16 | 0.174 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.16 | 0.3364 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.16 | 0.8584 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.16 | 0.3828 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.16 | 0.1392 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 2.8 J | 1.16 | 0.8352 | 116 | ug/Kg | | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.16 | 0.3132 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Acetone | 30 J | 1.16 | 11.6 | 116 | ug/Kg | | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Benzene | 1.5 J | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.16 | 0.348 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromoform | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Bromomethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloroethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloroform | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Chloromethane | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:38 | Site: | |
| Sample #: <u>370943-070</u> | Client Sample #: SS36-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.16 | 0.4872 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Naphthalene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.16 | 0.1856 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| o-Xylene | ND | 1.16 | 0.1508 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Styrene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.16 | 10.208 | 11.6 | ug/Kg | | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Toluene | 0.57 J | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.16 | 0.4524 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.16 | 0.29 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.16 | 0.522 | 5.8 | ug/Kg | | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 120 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 116 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 111 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 101 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:37 | Site: | |
| Sample #: <u>370943-071</u> | Client Sample #: SS36-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:38 | Site: | |
| Sample #: <u>370943-072</u> | Client Sample #: SS36-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:50 | Site: | |
| Sample #: <u>370943-073</u> | Client Sample #: SS91-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168598 | |
| Lead | 26.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/23/16 | 06/24/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168700 | |
| Arsenic | 4.28 | 10 | 0.2 | 3 | mg/Kg | 06/24/16 | 06/29/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:51 | Site: | |
| Sample #: <u>370943-074</u> | Client Sample #: SS91-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 13:52 | Site: | |
| Sample #: <u>370943-075</u> | Client Sample #: SS91-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/22/2016 14:06 | Site: | |
| Sample #: 370943-076 | Client Sample #: EQBL-062216 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|---------------|-------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168551 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 06/23/16 | 06/23/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168702 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 06/24/16 | 06/28/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168635 | |
| TPH Gasoline | ND | 1 | 6.6 | 50 | ug/L | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 93 | | 60-140 | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168570 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.38 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.29 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloroethane | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloroethene | ND | 1 | 0.3 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.28 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.16 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.12 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dibromoethane | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.26 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichloroethane | ND | 1 | 0.2 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichloropropane | ND | 1 | 0.36 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.34 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,4-Dichlorobenzene | ND | 1 | 0.43 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2,2-Dichloropropane | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2-Butanone (MEK) | ND | 1 | 0.78 | 100 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2-Chlorotoluene | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Chlorotoluene | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Isopropyltoluene | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.12 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Acetone | ND | 1 | 10 | 100 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Allyl Chloride | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Benzene | ND | 1 | 0.18 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromobenzene | ND | 1 | 0.53 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromochloromethane | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromodichloromethane | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromoform | ND | 1 | 0.13 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromomethane | ND | 1 | 0.68 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Carbon Tetrachloride | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chlorobenzene | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chlorodibromomethane | ND | 1 | 0.21 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloroethane | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloroform | ND | 1 | 0.18 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloromethane | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| cis-1,2-Dichloroethene | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| cis-1,3-dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |

Matrix: Water

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016 14:06

Site:

Sample #: 370943-076

Client Sample #: EQBL-062216

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|----|-------------------|-----|---------------|----------|-------------|--------------|
| cis-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Dichlorodifluoromethane | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.17 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Ethylbenzene | ND | 1 | 0.21 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.23 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Hexachlorobutadiene | ND | 1 | 0.51 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Isopropylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| m and p-Xylene | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Methylene chloride | 0.20 J | 1 | 0.16 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.19 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Naphthalene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| N-butylbenzene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| N-propylbenzene | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| o-Xylene | ND | 1 | 0.29 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Sec-butylbenzene | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Styrene | ND | 1 | 0.22 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| t-Butyl alcohol (TBA) | ND | 1 | 5.2 | 10 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tert-butylbenzene | ND | 1 | 0.4 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tetrachloroethene | ND | 1 | 0.8 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Toluene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,2-dichloroethene | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,3-dichloropropene | ND | 1 | 0.23 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Surrogate | | | % Recovery | | Limits | | | Notes |
| 1,2-Dichloroethane-d4 (SUR) | | | 107 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | | 109 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | | 85 | | 70-145 | | | |
| Toluene-d8 (SUR) | | | 99 | | 70-145 | | | |

Matrix: Water

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016

Site:

Sample #: 370943-077

Client Sample #: TB

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|------------------------|-------|
| Method: EPA 8260B NELAC | Prep Method: EPA 5030B | | | | | | QC Batch ID: QC1168570 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.38 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.29 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloroethane | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloroethene | ND | 1 | 0.3 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,1-Dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.28 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.16 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.12 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dibromoethane | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.26 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichloroethane | ND | 1 | 0.2 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,2-Dichloropropane | ND | 1 | 0.36 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.34 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 1,4-Dichlorobenzene | ND | 1 | 0.43 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2,2-Dichloropropane | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2-Butanone (MEK) | ND | 1 | 0.78 | 100 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 2-Chlorotoluene | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Chlorotoluene | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Isopropyltoluene | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.12 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Acetone | ND | 1 | 10 | 100 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Allyl Chloride | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Benzene | ND | 1 | 0.18 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromobenzene | ND | 1 | 0.53 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromochloromethane | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromodichloromethane | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromoform | ND | 1 | 0.13 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Bromomethane | ND | 1 | 0.68 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Carbon Tetrachloride | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chlorobenzene | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chlorodibromomethane | ND | 1 | 0.21 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloroethane | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloroform | ND | 1 | 0.18 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Chloromethane | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| cis-1,2-Dichloroethene | ND | 1 | 0.27 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| cis-1,3-dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Dichlorodifluoromethane | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.17 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Ethylbenzene | ND | 1 | 0.21 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.23 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Hexachlorobutadiene | ND | 1 | 0.51 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Isopropylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| m and p-Xylene | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |

Matrix: Water

Client: Alta Environmental

Collector: Client

Sampled: 06/22/2016

Site:

Sample #: **370943-077**

Client Sample #: TB

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-----------------------------|--------|----|------|-----|-------|----------|-------------|-------|
| Methylene chloride | ND | 1 | 0.16 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.19 | 1 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Naphthalene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| N-butylbenzene | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| N-propylbenzene | ND | 1 | 0.31 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| o-Xylene | ND | 1 | 0.29 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Sec-butylbenzene | ND | 1 | 0.32 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Styrene | ND | 1 | 0.22 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| t-Butyl alcohol (TBA) | ND | 1 | 5.2 | 10 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tert-butylbenzene | ND | 1 | 0.4 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Tetrachloroethene | ND | 1 | 0.8 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Toluene | ND | 1 | 0.24 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,2-dichloroethene | ND | 1 | 0.33 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,3-dichloropropene | ND | 1 | 0.23 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/L | 06/23/16 | 06/24/16 | LZ |

| <u>Surrogate</u> | <u>% Recovery</u> | <u>Limits</u> | <u>Notes</u> |
|------------------------------|-------------------|---------------|--------------|
| 1,2-Dichloroethane-d4 (SUR) | 105 | 70-145 | |
| 4-Bromofluorobenzene (SUR) | 111 | 70-145 | |
| Dibromodifluoromethane (SUR) | 89 | 70-145 | |
| Toluene-d8 (SUR) | 103 | 70-145 | |

| | | |
|------------------------------------|-----------------------------|------------------------------------|
| QCBatchID: <u>QC1168532</u> | Analyst: lytagas | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/23/2016 | Instrument: SVOA-GC (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-----|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168532MB1 | | | | | | |
| TPH (C10 to C22) | ND | mg/Kg | 0.4 | 3 | | |
| TPH (C22 to C36) | ND | mg/Kg | 2.1 | 5 | | |
| TPH (C6 to C10) | ND | mg/Kg | 1.7 | 3 | | |
| TPH Diesel | ND | mg/Kg | 0.4 | 1 | | |
| TPH Motor Oil | ND | mg/Kg | 2.1 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|--------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168532LCS1 | | | | | | | | | | | |
| TPH Diesel | | 25 | | 29.8 | mg/Kg | | | 119 | | | 70-130 |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168532MS1, QC1168532MSD1 | | | | | | | | | | | Source: 370807-041 | |
| TPH Diesel | ND | 25 | 25 | 20.2 | 21.7 | mg/Kg | 81 | 87 | 7.2 | 70-130 | 30 | |

QC Batch ID: **QC1168536**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/23/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168536MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

QCBatchID: **QC1168536**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/23/2016

Instrument: VOA-MS (group)

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168536MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168536LCS1, QC1168536LCSD1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | 50 | 55 | 55 | ug/Kg | 110 | 110 | 0 | 59-172 | 22 | |
| Benzene | 50 | 50 | 51 | 51 | ug/Kg | 102 | 102 | 0 | 62-137 | 24 | |
| Chlorobenzene | 50 | 50 | 50 | 51 | ug/Kg | 100 | 102 | 2 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | 50 | 50 | 50 | 49 | ug/Kg | 100 | 98 | 2 | 62-137 | 21 | |
| Toluene | 50 | 50 | 50 | 51 | ug/Kg | 100 | 102 | 2 | 59-139 | 21 | |
| Trichloroethene | 50 | 50 | 48 | 50 | ug/Kg | 96 | 100 | 4 | 66-142 | 21 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168551</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Water | Analyzed: 06/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168551MB1 | | | | | | |
| Lead | ND | mg/L | 0.004 | 0.005 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168551LCS1 | | | | | | | | | | | |
| Lead | 2 | | 1.99 | | mg/L | 100 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168551MS1, QC1168551MSD1 | | | | | | | | | | | Source: 370943-076 | |
| Lead | ND | 1 | 1 | 0.969 | 1.04 | mg/L | 97 | 104 | 7.1 | 75-125 | 20 | |

QC Batch ID: **QC1168567**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/23/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168567MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168567</u> | Analyst: nicollez | Method: EPA 8260B |
| Matrix: Solid | Analyzed: 06/23/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168567MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168567LCS1, QC1168567LCSD1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | 50 | 54 | 52 | ug/Kg | 108 | 104 | 4 | 59-172 | 22 | |
| Benzene | 50 | 50 | 53 | 51 | ug/Kg | 106 | 102 | 4 | 62-137 | 24 | |
| Chlorobenzene | 50 | 50 | 48 | 45 | ug/Kg | 96 | 90 | 6 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | 50 | 50 | 51 | 53 | ug/Kg | 102 | 106 | 4 | 62-137 | 21 | |
| Toluene | 50 | 50 | 50 | 48 | ug/Kg | 100 | 96 | 4 | 59-139 | 21 | |
| Trichloroethene | 50 | 50 | 48 | 49 | ug/Kg | 96 | 98 | 2 | 66-142 | 21 | |

QC Batch ID: **QC1168570**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/23/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168570MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.38 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 0.29 | 5 | |
| 1,1-Dichloroethane | ND | ug/L | 0.32 | 5 | |
| 1,1-Dichloroethene | ND | ug/L | 0.3 | 5 | |
| 1,1-Dichloropropene | ND | ug/L | 0.25 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.28 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.16 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.27 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 0.12 | 5 | |
| 1,2-Dibromoethane | ND | ug/L | 0.19 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.26 | 5 | |
| 1,2-Dichloroethane | ND | ug/L | 0.2 | 5 | |
| 1,2-Dichloropropane | ND | ug/L | 0.36 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.24 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.34 | 5 | |
| 1,3-Dichloropropane | ND | ug/L | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.43 | 5 | |
| 2,2-Dichloropropane | ND | ug/L | 0.32 | 5 | |
| 2-Butanone (MEK) | ND | ug/L | 0.78 | 100 | |
| 2-Chlorotoluene | ND | ug/L | 0.33 | 5 | |
| 4-Chlorotoluene | ND | ug/L | 0.31 | 5 | |
| 4-Isopropyltoluene | ND | ug/L | 0.32 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 0.12 | 5 | |
| Acetone | ND | ug/L | 10 | 100 | |
| Allyl Chloride | ND | ug/L | 0.19 | 5 | |
| Benzene | ND | ug/L | 0.18 | 1 | |
| Bromobenzene | ND | ug/L | 0.53 | 5 | |
| Bromochloromethane | ND | ug/L | 0.17 | 5 | |
| Bromodichloromethane | ND | ug/L | 0.31 | 5 | |
| Bromoform | ND | ug/L | 0.13 | 5 | |
| Bromomethane | ND | ug/L | 0.68 | 5 | |
| Carbon Tetrachloride | ND | ug/L | 0.27 | 5 | |
| Chlorobenzene | ND | ug/L | 0.19 | 5 | |
| Chlorodibromomethane | ND | ug/L | 0.21 | 5 | |
| Chloroethane | ND | ug/L | 0.45 | 5 | |
| Chloroform | ND | ug/L | 0.18 | 5 | |
| Chloromethane | ND | ug/L | 0.27 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/L | 0.27 | 5 | |
| cis-1,3-dichloropropene | ND | ug/L | 0.25 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Dibromomethane | ND | ug/L | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/L | 0.33 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/L | 0.17 | 1 | |
| Ethylbenzene | ND | ug/L | 0.21 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/L | 0.23 | 1 | |
| Hexachlorobutadiene | ND | ug/L | 0.51 | 5 | |
| Isopropylbenzene | ND | ug/L | 0.24 | 5 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168570</u> | Analyst: lucy | Method: EPA 8260B |
| Matrix: Water | Analyzed: 06/23/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168570MB1 | | | | | |
| m and p-Xylene | ND | ug/L | 0.45 | 5 | |
| Methylene chloride | ND | ug/L | 0.16 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 0.19 | 1 | |
| Naphthalene | ND | ug/L | 0.25 | 5 | |
| N-butylbenzene | ND | ug/L | 0.25 | 5 | |
| N-propylbenzene | ND | ug/L | 0.31 | 5 | |
| o-Xylene | ND | ug/L | 0.29 | 5 | |
| Sec-butylbenzene | ND | ug/L | 0.32 | 5 | |
| Styrene | ND | ug/L | 0.22 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/L | 5.2 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/L | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/L | 0.4 | 5 | |
| Tetrachloroethene | ND | ug/L | 0.8 | 5 | |
| Toluene | ND | ug/L | 0.24 | 5 | |
| trans-1,2-dichloroethene | ND | ug/L | 0.33 | 5 | |
| trans-1,3-dichloropropene | ND | ug/L | 0.23 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Trichloroethene | ND | ug/L | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/L | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/L | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/L | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168570LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 48 | | ug/L | 96 | | | 59-172 | | |
| Benzene | 50 | | 48 | | ug/L | 96 | | | 62-137 | | |
| Chlorobenzene | 50 | | 49 | | ug/L | 98 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 40 | | ug/L | 80 | | | 62-137 | | |
| Toluene | 50 | | 53 | | ug/L | 106 | | | 59-139 | | |
| Trichloroethene | 50 | | 54 | | ug/L | 108 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168570MS1, QC1168570MSD1 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 51 | 49 | ug/L | 102 | 98 | 4.0 | 59-172 | 22 | |
| Benzene | 0.2 | 50 | 50 | 49 | 47 | ug/L | 98 | 94 | 4.2 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 51 | 48 | ug/L | 102 | 96 | 6.1 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 48 | 47 | ug/L | 96 | 94 | 2.1 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 56 | 52 | ug/L | 112 | 104 | 7.4 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 55 | 52 | ug/L | 110 | 104 | 5.6 | 66-142 | 21 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168585</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: AAICP-HG1 |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168585MB1 | | | | | | |
| Mercury | ND | mg/Kg | 0.02 | 0.14 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168585LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.88 | | mg/Kg | 106 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168585MS1, QC1168585MSD1 | | | | | | | | | | | | |
| Mercury | 0.06 | 0.83 | 0.83 | 0.99 | 1.01 | mg/Kg | 112 | 114 | 2.0 | 75-125 | 20 | Source: 370943-001 |

| | | |
|------------------------------------|-----------------------------|------------------------------------|
| QCBatchID: <u>QC1168586</u> | Analyst: lytagas | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: SVOA-GC (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-----|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168586MB1 | | | | | | |
| TPH (C10 to C22) | ND | mg/Kg | 0.4 | 3 | | |
| TPH (C6 to C10) | ND | mg/Kg | 1.7 | 3 | | |
| TPH Diesel | ND | mg/Kg | 0.4 | 1 | | |
| TPH Motor Oil | ND | mg/Kg | 2.1 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168586LCS1 | | | | | | | | | | | |
| TPH Diesel | 25 | | | | mg/Kg | | | | 70-130 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168586MS1, QC1168586MSD1 | | | | | | | | | | | | |
| TPH Diesel | ND | 25 | 25 | | | mg/Kg | | | | 70-130 | 30 | |

| | | |
|-------------------------------------|-----------------------------|----------------------------------|
| QC BatchID: QC1168597 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168597MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | ND | mg/Kg | 0.31 | 1 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Selenium | 1.05 | mg/Kg | 0.72 | 1 | B |
| Silver | ND | mg/Kg | 0.13 | 0.5 | |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168597LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 193 | | mg/Kg | 97 | | | 80-120 | | |
| Arsenic | 200 | | 189 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Beryllium | 200 | | 186 | | mg/Kg | 93 | | | 80-120 | | |
| Cadmium | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Chromium | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Cobalt | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Copper | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Lead | 200 | | 188 | | mg/Kg | 94 | | | 80-120 | | |
| Molybdenum | 200 | | 197 | | mg/Kg | 99 | | | 80-120 | | |
| Nickel | 200 | | 193 | | mg/Kg | 97 | | | 80-120 | | |
| Selenium | 200 | | 187 | | mg/Kg | 94 | | | 80-120 | | |
| Silver | 100 | | 83.6 | | mg/Kg | 84 | | | 80-120 | | |
| Thallium | 200 | | 191 | | mg/Kg | 96 | | | 80-120 | | |
| Vanadium | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Zinc | 200 | | 190 | | mg/Kg | 95 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168597MS1, QC1168597MSD1 | | | | | | | | | | | | |
| Source: 370943-001 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 39.0 | 39.3 | mg/Kg | 41 | 41 | 0.8 | 75-125 | 20 | M |
| Arsenic | 3.74 | 100 | 100 | 108 | 112 | mg/Kg | 104 | 108 | 3.6 | 75-125 | 20 | |
| Barium | 84.8 | 100 | 100 | 194 | 196 | mg/Kg | 109 | 111 | 1.0 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 98.9 | 97.3 | mg/Kg | 100 | 99 | 1.6 | 75-125 | 20 | |
| Cadmium | 0.42 | 100 | 100 | 99.6 | 102 | mg/Kg | 99 | 102 | 2.4 | 75-125 | 20 | |
| Chromium | 11.5 | 100 | 100 | 113 | 115 | mg/Kg | 102 | 104 | 1.8 | 75-125 | 20 | |
| Cobalt | 5.52 | 100 | 100 | 104 | 105 | mg/Kg | 98 | 99 | 1.0 | 75-125 | 20 | |
| Copper | 11.9 | 100 | 100 | 118 | 119 | mg/Kg | 106 | 107 | 0.8 | 75-125 | 20 | |
| Lead | 19.0 | 100 | 100 | 116 | 115 | mg/Kg | 97 | 96 | 0.9 | 75-125 | 20 | |

| | | |
|--------------------------------------|-----------------------------|----------------------------------|
| QC Batch ID: <u>QC1168597</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168597MS1, QC1168597MSD1 | | | | | | | | | | | Source: 370943-001 | |
| Molybdenum | 1.54 | 100 | 100 | 95.0 | 97.4 | mg/Kg | 93 | 96 | 2.5 | 75-125 | 20 | |
| Nickel | 12.2 | 100 | 100 | 109 | 114 | mg/Kg | 97 | 102 | 4.5 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 80.9 | 83.5 | mg/Kg | 100 | 102 | 3.2 | 75-125 | 20 | |
| Silver | 0.52 | 50 | 50 | 45.5 | 46.1 | mg/Kg | 90 | 91 | 1.3 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 98.6 | 98.4 | mg/Kg | 101 | 100 | 0.2 | 75-125 | 20 | |
| Vanadium | 23.7 | 100 | 100 | 129 | 133 | mg/Kg | 105 | 109 | 3.1 | 75-125 | 20 | |
| Zinc | 50.0 | 100 | 100 | 142 | 148 | mg/Kg | 92 | 98 | 4.1 | 75-125 | 20 | |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1168598 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168598MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | ND | mg/Kg | 0.31 | 1 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Selenium | 2.12 | mg/Kg | 0.72 | 1 | B |
| Silver | ND | mg/Kg | 0.13 | 0.5 | |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168598LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 212 | | mg/Kg | 106 | | | 80-120 | | |
| Arsenic | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Barium | 200 | | 201 | | mg/Kg | 101 | | | 80-120 | | |
| Beryllium | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Cadmium | 200 | | 210 | | mg/Kg | 105 | | | 80-120 | | |
| Chromium | 200 | | 210 | | mg/Kg | 105 | | | 80-120 | | |
| Cobalt | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Copper | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Lead | 200 | | 206 | | mg/Kg | 103 | | | 80-120 | | |
| Molybdenum | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Nickel | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Selenium | 200 | | 198 | | mg/Kg | 99 | | | 80-120 | | |
| Silver | 100 | | 86.6 | | mg/Kg | 87 | | | 80-120 | | |
| Thallium | 200 | | 209 | | mg/Kg | 105 | | | 80-120 | | |
| Vanadium | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Zinc | 200 | | 207 | | mg/Kg | 104 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168598MS1, QC1168598MSD1 | | | | | | | | | | | | |
| Source: 370943-057 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 47.8 | 44.7 | mg/Kg | 50 | 47 | 6.7 | 75-125 | 20 | M |
| Arsenic | 3.56 | 100 | 100 | 110 | 102 | mg/Kg | 106 | 98 | 7.5 | 75-125 | 20 | |
| Barium | 106 | 100 | 100 | 185 | 188 | mg/Kg | 79 | 82 | 1.6 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 96.4 | 97.5 | mg/Kg | 98 | 99 | 1.1 | 75-125 | 20 | |
| Cadmium | 0.43 | 100 | 100 | 102 | 99.7 | mg/Kg | 102 | 99 | 2.3 | 75-125 | 20 | |
| Chromium | 12.7 | 100 | 100 | 113 | 112 | mg/Kg | 100 | 99 | 0.9 | 75-125 | 20 | |
| Cobalt | 5.37 | 100 | 100 | 103 | 96.1 | mg/Kg | 98 | 91 | 6.9 | 75-125 | 20 | |
| Copper | 15.8 | 100 | 100 | 121 | 117 | mg/Kg | 105 | 101 | 3.4 | 75-125 | 20 | |
| Lead | 25.2 | 100 | 100 | 120 | 111 | mg/Kg | 95 | 86 | 7.8 | 75-125 | 20 | |

| | | |
|--------------------------------------|-----------------------------|----------------------------------|
| QC Batch ID: <u>QC1168598</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168598MS1, QC1168598MSD1 | | | | | | | | | | | Source: 370943-057 | |
| Molybdenum | 1.32 | 100 | 100 | 96.2 | 89.9 | mg/Kg | 95 | 89 | 6.8 | 75-125 | 20 | |
| Nickel | 13.8 | 100 | 100 | 114 | 113 | mg/Kg | 100 | 99 | 0.9 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 82.1 | 75.2 | mg/Kg | 99 | 92 | 8.8 | 75-125 | 20 | |
| Silver | 0.28 | 50 | 50 | 44.8 | 44.3 | mg/Kg | 89 | 88 | 1.1 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 99.8 | 92.0 | mg/Kg | 101 | 93 | 8.1 | 75-125 | 20 | |
| Vanadium | 25.5 | 100 | 100 | 130 | 129 | mg/Kg | 105 | 104 | 0.8 | 75-125 | 20 | |
| Zinc | 44.8 | 100 | 100 | 146 | 148 | mg/Kg | 101 | 103 | 1.4 | 75-125 | 20 | |

| | | |
|--------------------------------------|-----------------------------|-----------------------------------|
| QC Batch ID: <u>QC1168626</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/24/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-----|-------|
| QC1168626MB1 | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168626LCS1, QC1168626LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.30 | 4.26 | mg/Kg | 86 | 85 | 1 | 70-130 | 20 | |

| | | |
|--------------------------------------|-----------------------------|-----------------------------------|
| QC Batch ID: <u>QC1168635</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Water | Analyzed: 06/24/2016 | Instrument: VOA-GC (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-----|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168635MB1 | | | | | | |
| TPH Gasoline | ND | ug/L | 6.6 | 50 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168635LCS1, QC1168635LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 500 | 500 | 431 | 441 | ug/L | 86 | 88 | 2 | 70-130 | 30 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168647</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168647MB1 | | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168647LCS1, QC1168647LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.38 | 4.33 | mg/Kg | 88 | 87 | 1 | 70-130 | 20 | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168647MS1, QC1168647MSD1 | | | | | | | | | | | Source: 371033-001 | |
| TPH Gasoline | ND | 5 | 5 | 3.26 | 3.13 | mg/Kg | 65 | 63 | 4.1 | 70-130 | 20 | M |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168699</u> | Analyst: kedy | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168699MB1 | | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168699LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 52.1 | | mg/Kg | 104 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168699MS1, QC1168699MSD1 | | | | | | | | | | | Source: 370943-001 | |
| Arsenic | 3.44 | 50 | 50 | 51.1 | 51.6 | mg/Kg | 95 | 96 | 1.0 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168700</u> | Analyst: kedy | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168700MB1 | | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168700LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 50.8 | | mg/Kg | 102 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168700MS1, QC1168700MSD1 | | | | | | | | | | | Source: 370943-057 | |
| Arsenic | 3.09 | 50 | 50 | 52.5 | 49.8 | mg/Kg | 99 | 93 | 5.3 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168702</u> | Analyst: kedy | Method: EPA 6020 |
| Matrix: Water | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168702MB1 | | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168702LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 45.8 | | ug/L | 92 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168702MS1, QC1168702MSD1 | | | | | | | | | | | Source: 370943-076 | |
| Arsenic | ND | 50 | 50 | 46.3 | 48.6 | ug/L | 93 | 97 | 4.8 | 75-125 | 20 | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

| | | | | | | | |
|---------|--------|-----------|----|--------|--|-----------|--|
| Lab No: | 370943 | Standard: | X | 4 Day: | | 3 Day: | |
| Page: | 1 | of | 89 | 2 Day: | | Same Day: | |

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| | |
|-------------------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Arsenic (USEPA 6020) |
| <input checked="" type="checkbox"/> | Lead (USEPA 6010B) |
| <input type="checkbox"/> | OCP (8081A) |
| <input type="checkbox"/> | VOCs+oxys (USEPA 8260B/5035) |
| <input type="checkbox"/> | TPH-g (USEPA 8015M/5035) |
| <input type="checkbox"/> | TPH-d/o (USEPA 8015M) |
| <input type="checkbox"/> | PCBs (EPA Method 8082) |
| <input checked="" type="checkbox"/> | Ti#22 Metals 6010B |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|---------------------|-------|-------------------------------------|------------------------------|
| SS100-0.5 | 6/22/16 | 0750 | Soil | 1x Sleeve 5x VOA | None | <input checked="" type="checkbox"/> | Archive and hold |
| SS100-1.5 | 6/22/16 | 0752 | Soil | 1x Sleeve 5x VOA | None | <input checked="" type="checkbox"/> | Archive and hold |
| SS100-2.5 | 6/22/16 | 0754 | Soil | 1x Sleeve | None | <input type="checkbox"/> | Archive and hold |
| SS97-0.5 | 6/22/16 | 0804 | Soil | 1x Sleeve 5x VOA | None | <input checked="" type="checkbox"/> | Archive and hold |
| SS97-0.5 | 6/22/16 | 0806 | Soil | 1x Sleeve | None | <input type="checkbox"/> | Archive and hold |
| SS97-2.5 | 6/22/16 | 0808 | Soil | 1x Sleeve | None | <input type="checkbox"/> | Archive and hold |
| SS24-0.5 | 6/22/16 | 0820 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| SS24-1.5 | 6/22/16 | 0822 | Soil | 1x Sleeve | None | <input type="checkbox"/> | Archive and hold |
| SS24-2.5 | 6/22/16 | 0824 | Soil | 1x Sleeve | None | <input type="checkbox"/> | Archive and hold |
| SS32-0.5 | 6/22/16 | 0830 | Soil | 1x Sleeve 5x VOA | None | <input checked="" type="checkbox"/> | Archive and hold |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|--------------|
| | ERIC FRASKE | Alta Environmental | 6/22/16 1524 |
| | L. Montrose | | 6/22/16 1524 |
| | L. Montrose | | 6/22/16 1524 |
| | L. Montrose | | 6/22/16 1524 |
| | L. Montrose | | 6/22/16 1524 |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 370943 Page: 2 of 2 Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 SS32-1.5 | 6/22/16 | 0832 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 2 SS32-2.5 | 6/22/16 | 0834 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 3 SS4-0.5 | 6/22/16 | 0841 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 4 SS4-1.5 | 6/22/16 | 0843 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 5 SS4-2.5 | 6/22/16 | 0845 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 6 SS3-0.5 | 6/22/16 | 0853 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 7 SS3-0.5 DUP | 6/22/16 | 0853 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 8 SS3-1.5 | 6/22/16 | 0854 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 9 SS3-2.5 | 6/22/16 | 0855 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |
| 10 SS37-0.5 | 6/22/16 | 0910 | Soil | 1x Steve | None | <input checked="" type="checkbox"/> | Archive and label |

Signature: [Signature] Print Name: Eric Fraske Company / Title: Alta Environmental Date / Time: 6/22/16 1524

Relinquished By: [Signature] L. Marshall
 Received By: [Signature] L. Marshall
 Relinquished By: [Signature] L. Marshall
 Received By: [Signature] L. Marshall
 Relinquished By: [Signature] L. Marshall
 Received By: [Signature] L. Marshall

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: 370943

Page: 3 of 9 2 Day: 1 Day: 1 Same Day: 1

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| | | 1 Day: | Same Day: |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)

Lead (USEPA 6010B)

OCP (8081A)

VOCs+oxys (USEPA 8260B/5035)

TPH-g (USEPA 8015M/5035)

TPH-d/o (USEPA 8015M)

PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------|
| SS37-0.5DUP | 6/22/16 | 0910 | Soil | 1x SLEEVE 5x VOA | MECH METHOD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS37-1.5 | | 0912 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS37-2.5 | | 0914 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS39-0.5 | | 0923 | | 1x SLEEVE 5x VOA | MECH METHOD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS39-1.5 | | 0924 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS39-2.5 | | 0925 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS40-0.5 | | 0944 | | 1x SLEEVE 5x VOA | MECH METHOD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS40-1.5 | | 0946 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS40-2.5 | | 0949 | | 1x SLEEVE | None | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |
| SS42-0.5 | | 0958 | | 1x SLEEVE 5x VOA | MECH METHOD | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Archive and hold |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: Eric Fraske
 1 Received By: Eric Fraske
 2 Relinquished By: L. Mandel
 2 Received By: L. Mandel
 3 Relinquished By: Zaid P.
 3 Received By: Zaid P.

6/22/16 1524
 6/22/16 1524
 6/22/16 1636
 6/22/16 1700

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalpy - SoCal
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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **830943**

Page: **4** of **8**

Standard: **X**

4 Day:

3 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid Seaw = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: Soil

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments | |
|-------------------------------------|---------------|---------------|----------------|-----------------------|--------------------|-------------------------------------|------------------------------|--------------|
| 1 SS42-1.5 | 9/29/16 | 0959 | Soil | 1 X Sleeve. | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 2 SS42-2.5 | | 1000 | | 1 X Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 3 SS41-0.5 | | 1013 | | 1 X Sleeve 5 X VOA | MeOH Metho | <input checked="" type="checkbox"/> | | |
| 4 SS41-1.5 | | 1014 | | 1 X Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 5 SS41-2.5 | | 1015 | | 1 X Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 6 SS43-0.5 | | 1024 | | 1 X Sleeve | MeOH Metho | <input checked="" type="checkbox"/> | | |
| 7 SS43-0.5 DUP | | 1024 | | 1 X Sleeve 5 X VOA | MeOH Metho | <input checked="" type="checkbox"/> | See Comp 11 Due Note | |
| 8 SS43-1.5 | | 1020 | | 1 X Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 9 SS43-2.5 | | 1028 | | 1 X Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold | |
| 10 SS44-0.5 | | 1042 | | 1 X Sleeve 5 X VOA | MeOH Metho | <input checked="" type="checkbox"/> | | |
| Signature | | | Print Name | | Company / Title | | | Date / Time |
| Relinquished By: <i>[Signature]</i> | | | Eric Fraske | | Alta Environmental | | | 6/22/16 1524 |
| Received By: <i>[Signature]</i> | | | Louis Marshall | | | | | 6/22/16 1524 |
| Relinquished By: <i>[Signature]</i> | | | L. Marshall | | | | | 6/22/16 1656 |
| Received By: <i>[Signature]</i> | | | TADP | | | | | 6/22/16 1700 |
| Relinquished By: <i>[Signature]</i> | | | | | | | | |
| Received By: <i>[Signature]</i> | | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

| | | | | | | | |
|----------------|---|-----------|-----|--------|--|--------|--|
| Lab No: | 370943 | Standard: | X | 4 Day: | | 3 Day: | |
| Page: | 5 | of | 819 | 2 Day: | | 1 Day: | |
| Matrix: | A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid Seaw = Sea Water SW = Swab W = Water WP = Wipe O = Other | | | | | | |
| Preservatives: | 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other | | | | | | |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 82608/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| SS44-0.5DUP | 6/22/16 | 1042 | Soil | 1 x STEVE | NONE | | | | | | | | See COMPANY NOTE |
| SS44-1.5 | | 1044 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS44-2.5 | | 1045 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS45-0.5 | | 1100 | | 1 x STEVE | NONE | | | | | | | | See COMP 11 DUG NOTE |
| SS45-0.5DUP | | 1100 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS45-0.5 | | 1101 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS45-2.5 | | 1102 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS47-0.5 | | 1115 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS47-1.5 | | 1116 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |
| SS47-2.5 | | 1117 | | 1 x STEVE | NONE | | | | | | | | Archive and hold |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|--------------|
| | ERIC FRASKE | Alta Environmental | 6/22/16 1524 |
| | L. Marshall | | 6/22/16 1636 |
| | [unclear] | | 6/22/16 1700 |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 370943
 Page: 10 of 89
 Standard: X
 Turn Around Time (Rush by advanced notice only)

1 Day:
 2 Day:
 3 Day:
 Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|---------------------|---------------|-------------------------------------|------------------------------|
| 1 SSYB-0.5 | 6/22/16 | 1125 | Soil | 1x Sleeve 5x VOA | METH NADPH | <input checked="" type="checkbox"/> | Archive and hold |
| 2 SSYB-1.5 | | 1126 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 3 SSYB-2.5 | | 1127 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 4 SSY9-0.5 | | 1143 | Soil | 1x Sleeve 5x VOA | METH NADPH | <input checked="" type="checkbox"/> | Archive and hold |
| 5 SSY9-1.5 | | 1144 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 6 SSY9-2.5 | | 1145 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 7 SSSO-0.5 | | 1246 | Soil | 1x Sleeve 5x VOA | METH NADPH | <input checked="" type="checkbox"/> | Archive and hold |
| 8 SSSO-1.5 | | 1247 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 9 SSSO-2.5 | | 1248 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 10 SS46-0.5 | | 1301 | Soil | 1x Sleeve 1x VOA | METH NADPH | <input checked="" type="checkbox"/> | Archive and hold |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|--------------|
| | Eric Fraske | Alta Environmental | 6/22/16 1524 |
| | L. Marshall | | 6/22/16 1524 |
| | L. Marshall | | 6/22/16 1524 |
| | Zaid P. | | 6/22/16 1700 |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 370443
 Page: 7 of 8 2 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

| | | | | | |
|-----------|---|-----------|--|--------|--|
| Standard: | X | 4 Day: | | 3 Day: | |
| 1 Day: | | Same Day: | | | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| | |
|------------------------------|------------------------------|
| Analysis Request | Test Instructions / Comments |
| Arsenic (USEPA 6020) | |
| Lead (USEPA 6010B) | |
| OCP (8081A) | |
| VOCs+oxys (USEPA 8260B/5035) | |
| TPH-g (USEPA 8015M/5035) | |
| TPH-d/o (USEPA 8015M) | |
| PCBs (EPA Method 8082) | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|---------------|------------------|------------------------------|
| SS410-0.5DUP | 6/22/16 | 1301 | Soil | 1x sleeve FX VOA | MeOH NADPH | | See Comp 11 Dur Note |
| SS410-1.5 | | 1302 | | 1x sleeve | | | Archive and hold |
| SS410-2.5 | | 1303 | | 1x sleeve | | | Archive and hold |
| SS35-0.5 | | 1310 | | 1x sleeve FX VOA | MeOH NADPH | | Archive and hold |
| SS35-1.5 | | 1311 | | 1x sleeve | | | Archive and hold |
| SS35-2.5 | | 1312 | | 1x sleeve. | | | Archive and hold |
| SS38-0.5 | | 1319 | | 1x sleeve FX VOA | MeOH NADPH | | Archive and hold |
| SS38-1.5 | | 1320 | | 1x sleeve | | | Archive and hold |
| SS38-2.5 | | 1321 | | 1x sleeve. | | | Archive and hold |
| SS36-0.5 | | 1338 | | 1x sleeve FX VOA | MeOH NADPH | | |

| | | | |
|--------------------|-------------|--------------------|--------------|
| Signature | Print Name | Company / Title | Date / Time |
| <i>[Signature]</i> | ERIC FRASKE | Alta Environmental | 6/22/16 1524 |
| <i>[Signature]</i> | C. Marshall | | 6/22/16 1524 |
| <i>[Signature]</i> | C. Marshall | | 6/22/16 1656 |
| <i>[Signature]</i> | ZANF | | 6/22/16 1706 |

ENTHALPHY ANALYTICAL, INC.

806 N. Batevia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 370943
 Page: 8 of 8 2 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: X
 4 Day:
 1 Day:
 Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: Soil

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|-----------------------|-------|-------------------------------------|--|
| 1 SS36-1.5 | 6/22/16 | 1337 | Soil | 1x Sleeve | None | <input checked="" type="checkbox"/> | Archive and hold |
| 2 SS36-2.5 | | 1338 | | 1x Sleeve | | <input checked="" type="checkbox"/> | Archive and hold |
| 3 SS91-0.5 | | 1350 | | 1x Sleeve | | <input checked="" type="checkbox"/> | Archive and hold |
| 4 SS91-1.5 | | 1351 | | 1x Sleeve | | <input checked="" type="checkbox"/> | Archive and hold |
| 5 SS91-2.5 | | 1352 | | 1x Sleeve | | <input checked="" type="checkbox"/> | Archive and hold |
| 6 E081-06216 | | 1406 | Water | 4x Amperliu 2x NDA | None | <input checked="" type="checkbox"/> | Archive and hold |
| 7 TB | | | Water | 2x NDA | HCl | <input checked="" type="checkbox"/> | |
| 8 COMP 9 | | | Soil | | | <input checked="" type="checkbox"/> | Composite SS35-0.5 SS36-0.5 SS37-0.5 SS38-0.5 |
| 9 COMP 10 | | | Soil | | | <input checked="" type="checkbox"/> | Composite SS39-0.5 SS40-0.5 SS41-0.5 SS42-0.5 |
| 10 COMP 11 | | | Soil | | | <input checked="" type="checkbox"/> | Composite SS43-0.5 SS44-0.5 SS45-0.5 SS46-0.5 |

Signature: *[Handwritten Signatures]*
 Print Name: Eric Fraske, C. Marshall, L. Marshall, ZAMS P.
 Company / Title: Alta Environmental
 Date / Time: 6/22/16 1524, 6/22/16 1656, 6/22/16 1700

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

PROJECT INFORMATION

Chain of Custody Record
 Lab No: 370943
 Page: 9 of 9
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|-----------|--|
| Standard: | X | 4 Day: | |
| 2 Day: | | 1 Day: | |
| | | Same Day: | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|--|
| 1 | 6/22/16 | - | Soil | - | - | | Composite 5547-0.5, 5548-0.5, 5549-0.5, 5550-0.5 |
| 2 | 6/22/16 | - | Soil | - | - | | Composite 5548-0.5, 5549-0.5, 5544-0.5, 5545-0.5, 5546-0.5, 5547-0.5, 5548-0.5, 5549-0.5 |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|--------------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta Environmental | 6/22/16 15:24 |
| <i>[Signature]</i> | L. Marshall | | 6/22/16 16:56 |
| <i>[Signature]</i> | ZADP | | 6/22/16 17:00 |
| | | | |
| | | | |
| | | | |



SAMPLE ACCEPTANCE CHECKLIST

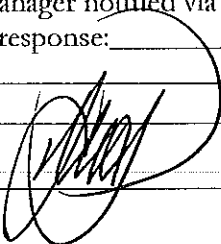
Section 1
 Client: ALTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL
 Date Received: 6/22/16 Sampler's Signature Present: Yes No
 Sample temperature: _____
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler 1 Temperature: 3.7°C Cooler 2 Temperature: 5.6°C Cooler 3 Temperature: 1.4°C
(Acceptance range is 0 to 6 Deg. C. or arrival on ice; For Microbiology sample ≤ 10 Deg. C or arrival on ice)

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | <input checked="" type="checkbox"/> | | |
| If Yes – were they intact? | <input checked="" type="checkbox"/> | | |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | <input checked="" type="checkbox"/> | |
| Were the containers labeled with correct preservatives? | <input checked="" type="checkbox"/> | | |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |
| *If the answer is no, please inform Fish Bioassay Dept. immediately. | | | |

Section 4
 Explanations/Comments
1 AMBER GLASS WAS RECEIVED IN REPLACEMENT OF VIALS FOR EQBL-062216.

Section 5
 Was the Project Manager notified via email of discrepancies: N N/A
 Project Manager's response: R.C.

Completed By:  Date: 6/22/16



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 371006
Report Date: 07/19/2016
Date Received: 06/23/2016
Client ID: 11397

Comments: Jefferson High School
LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

See attached for TPH-D/MO, Pesticides, and PCBs. Please note: Metals for sample "SS9-0.5" are not included herein. Also, only Metals, Gas, and VOCs are reported for the water samples.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 371006-001 | SS17-0.5 | 371006-025 | SS13-2.5 | 371006-049 | SS9-1.5 |
| 371006-002 | SS17-1.5 | 371006-026 | SS16-0.5 | 371006-050 | SS9-2.5 |
| 371006-003 | SS17-2.5 | 371006-027 | SS16-1.5 | 371006-051 | SS6-0.5 |
| 371006-004 | SS20-0.5 | 371006-028 | SS16-2.5 | 371006-052 | SS6-1.5 |
| 371006-005 | SS20-1.5 | 371006-029 | SS12-0.5 | 371006-053 | SS6-2.5 |
| 371006-006 | SS20-2.5 | 371006-030 | SS12-0.5 DUP | 371006-054 | SS7-0.5 |
| 371006-007 | SS19-0.5 | 371006-031 | SS12-1.5 | 371006-055 | SS7-1.5 |
| 371006-008 | SS19-0.5 DUP | 371006-032 | SS12-2.5 | 371006-056 | SS7-2.5 |
| 371006-009 | SS19-1.5 | 371006-033 | SS11-0.5 | 371006-057 | SS99-0.5 |
| 371006-010 | SS19-2.5 | 371006-034 | SS11-1.5 | 371006-058 | SS99-1.5 |
| 371006-011 | SS21-0.5 | 371006-035 | SS11-2.5 | 371006-059 | SS99-2.5 |
| 371006-012 | SS21-1.5 | 371006-036 | SS14-0.5 | 371006-060 | SS89-0.5 |
| 371006-013 | SS21-2.5 | 371006-037 | SS14-1.5 | 371006-061 | SS89-1.5 |
| 371006-014 | SS18-0.5 | 371006-038 | SS14-2.5 | 371006-062 | SS89-2.5 |
| 371006-015 | SS18-1.5 | 371006-039 | SS15-0.5 | 371006-063 | SS92-0.5 |
| 371006-016 | SS18-2.5 | 371006-040 | SS15-1.5 | 371006-064 | SS92-1.5 |
| 371006-017 | SS22-0.5 | 371006-041 | SS15-2.5 | 371006-065 | SS92-2.5 |
| 371006-018 | SS22-1.5 | 371006-042 | SS10-0.5 | 371006-066 | SS90-0.5 |
| 371006-019 | SS22-2.5 | 371006-043 | SS10-1.5 | 371006-067 | SS90-1.5 |
| 371006-020 | SS23-0.5 | 371006-044 | SS10-2.5 | 371006-068 | SS90-2.5 |
| 371006-021 | SS23-1.5 | 371006-045 | SS8-0.5 | 371006-069 | SS98-0.5 |
| 371006-022 | SS23-2.5 | 371006-046 | SS8-1.5 | 371006-070 | SS98-0.5 DUP |
| 371006-023 | SS13-0.5 | 371006-047 | SS8-2.5 | 371006-071 | SS98-1.5 |
| 371006-024 | SS13-1.5 | 371006-048 | SS9-0.5 | 371006-072 | SS98-2.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 06:58 | Site: | |
| Sample #: <u>371006-001</u> | Client Sample #: SS17-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 29.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 4.53 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 06:59 | Site: | |
| Sample #: <u>371006-002</u> | Client Sample #: SS17-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:00 | Site: | |
| Sample #: <u>371006-003</u> | Client Sample #: SS17-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 06:58 | Site: | |
| Sample #: <u>371006-004</u> | Client Sample #: SS20-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 39.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 6.40 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:00 | Site: | |
| Sample #: <u>371006-005</u> | Client Sample #: SS20-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:02 | Site: | |
| Sample #: <u>371006-006</u> | Client Sample #: SS20-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:05 | Site: | |
| Sample #: <u>371006-007</u> | Client Sample #: SS19-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 37.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 2.78 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:05 | Site: | |
| Sample #: <u>371006-008</u> | Client Sample #: SS19-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 22.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 1.334 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:07 | Site: | |
| Sample #: <u>371006-009</u> | Client Sample #: SS19-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:09 | Site: | |
| Sample #: <u>371006-010</u> | Client Sample #: SS19-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:06 | Site: | |
| Sample #: <u>371006-011</u> | Client Sample #: SS21-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 146 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 5.60 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:07 | Site: | |
| Sample #: <u>371006-012</u> | Client Sample #: SS21-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:08 | Site: | |
| Sample #: <u>371006-013</u> | Client Sample #: SS21-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:15 | Site: | |
| Sample #: <u>371006-014</u> | Client Sample #: SS18-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 6.08 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 1.257 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:16 | Site: | |
| Sample #: <u>371006-015</u> | Client Sample #: SS18-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:17 | Site: | |
| Sample #: <u>371006-016</u> | Client Sample #: SS18-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:12 | Site: | |
| Sample #: <u>371006-017</u> | Client Sample #: SS22-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168674 | |
| Lead | 160 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 5.13 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:14 | Site: | |
| Sample #: <u>371006-018</u> | Client Sample #: SS22-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:16 | Site: | |
| Sample #: <u>371006-019</u> | Client Sample #: SS22-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:22 | Site: | |
| Sample #: <u>371006-020</u> | Client Sample #: SS23-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168674 |
| Lead | 10.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 1.672 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:23 | Site: | |
| Sample #: <u>371006-021</u> | Client Sample #: SS23-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:26 | Site: | |
| Sample #: <u>371006-022</u> | Client Sample #: SS23-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:29 | Site: | |
| Sample #: <u>371006-023</u> | Client Sample #: SS13-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168674 |
| Lead | 14.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 2.02 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:30 | Site: | |
| Sample #: <u>371006-024</u> | Client Sample #: SS13-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:31 | Site: | |
| Sample #: <u>371006-025</u> | Client Sample #: SS13-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:35 | Site: | |
| Sample #: <u>371006-026</u> | Client Sample #: SS16-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168676 |
| Lead | 20.1 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 3.15 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:37 | Site: | |
| Sample #: <u>371006-027</u> | Client Sample #: SS16-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:38 | Site: | |
| Sample #: <u>371006-028</u> | Client Sample #: SS16-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:40 | Site: | |
| Sample #: <u>371006-029</u> | Client Sample #: SS12-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 32.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 4.37 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:40 | Site: | |
| Sample #: <u>371006-030</u> | Client Sample #: SS12-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 15.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 3.42 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:41 | Site: | |
| Sample #: <u>371006-031</u> | Client Sample #: SS12-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:42 | Site: | |
| Sample #: <u>371006-032</u> | Client Sample #: SS12-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:48 | Site: | |
| Sample #: <u>371006-033</u> | Client Sample #: SS11-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168676 |
| Lead | 7.84 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 1.513 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:49 | Site: | |
| Sample #: <u>371006-034</u> | Client Sample #: SS11-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:50 | Site: | |
| Sample #: <u>371006-035</u> | Client Sample #: SS11-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:52 | Site: | |
| Sample #: <u>371006-036</u> | Client Sample #: SS14-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168676 |
| Lead | 29.8 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 10.3 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:53 | Site: | |
| Sample #: <u>371006-037</u> | Client Sample #: SS14-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:55 | Site: | |
| Sample #: <u>371006-038</u> | Client Sample #: SS14-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 07:58 | Site: | |
| Sample #: <u>371006-039</u> | Client Sample #: SS15-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168676 |
| Lead | 36.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168704 |
| Arsenic | 3.57 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:00 | Site: | |
| Sample #: <u>371006-040</u> | Client Sample #: SS15-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:02 | Site: | |
| Sample #: <u>371006-041</u> | Client Sample #: SS15-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:04 | Site: | |
| Sample #: <u>371006-042</u> | Client Sample #: SS10-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 52.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 1.894 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:05 | Site: | |
| Sample #: <u>371006-043</u> | Client Sample #: SS10-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:06 | Site: | |
| Sample #: <u>371006-044</u> | Client Sample #: SS10-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:12 | Site: | |
| Sample #: <u>371006-045</u> | Client Sample #: SS8-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 45.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 2.16 J | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:13 | Site: | |
| Sample #: <u>371006-046</u> | Client Sample #: SS8-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:14 | Site: | |
| Sample #: <u>371006-047</u> | Client Sample #: SS8-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:16 | Site: | |
| Sample #: <u>371006-049</u> | Client Sample #: SS9-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:17 | Site: | |
| Sample #: <u>371006-050</u> | Client Sample #: SS9-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:32 | Site: | |
| Sample #: <u>371006-051</u> | Client Sample #: SS6-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.02 | 0.16218 | 3.06 | mg/Kg | | 06/26/16 | TT |
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | | | | <i>Notes</i> |
| 4-Bromofluorobenzene (SUR) | 95 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.09 | 0.1635 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.09 | 0.3161 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.09 | 0.8066 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.09 | 0.3597 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.09 | 0.1308 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 2.0 J | 1.09 | 0.7848 | 109 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.09 | 0.2943 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Acetone | 20 J | 1.09 | 10.9 | 109 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Benzene | 2.3 J | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromoform | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromomethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroform | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloromethane | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:32 | Site: | |
| Sample #: <u>371006-051</u> | Client Sample #: SS6-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Dichlorodifluoromethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.09 | 0.4578 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| m and p-Xylene | 0.30 J | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Methylene chloride | 0.31 J | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Methyl-t-butyl Ether (MTBE) | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Naphthalene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.09 | 0.1744 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| o-Xylene | ND | 1.09 | 0.1417 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Styrene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.09 | 9.592 | 10.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Toluene | 0.88 J | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.09 | 0.4251 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.09 | 0.4905 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 114 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 107 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 90 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:33 | Site: | |
| Sample #: <u>371006-052</u> | Client Sample #: SS6-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:34 | Site: | |
| Sample #: <u>371006-053</u> | Client Sample #: SS6-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:38 | Site: | |
| Sample #: 371006-054 | Client Sample #: SS7-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|-----------------------|--------|----------------------|------|--------------|----------|-------------|-------|--|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | QCBatchID: | | | | | | |
| See Attached | | 1 | | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1168654 | | | | | | |
| TPH Gasoline | ND | 1.09 | 0.17331 | 3.27 | mg/Kg | 06/26/16 | TT | | |
| <i>Surrogate</i> | <i>% Recovery</i> | | <i>Limits</i> | | <i>Notes</i> | | | | |
| 4-Bromofluorobenzene (SUR) | 89 | 60-140 | | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1168612 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.22 | 0.2928 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1.22 | 0.183 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1.22 | 0.3538 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.22 | 0.9028 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1.22 | 0.4026 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1.22 | 0.3416 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1.22 | 0.1464 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1.22 | 0.4148 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1.22 | 0.2928 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 2-Butanone (MEK) | 4.2 J | 1.22 | 0.8784 | 122 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J | |
| 2-Chloroethyl Vinyl Ether | ND | 1.22 | 0.366 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 2-Chlorotoluene | ND | 1.22 | 0.305 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.22 | 0.3294 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Acetone | 31 J | 1.22 | 12.2 | 122 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J | |
| Allyl Chloride | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Benzene | 0.46 J | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J | |
| Bromobenzene | ND | 1.22 | 0.366 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromoform | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromomethane | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroethane | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroform | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloromethane | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dibromomethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:38 | Site: | |
| Sample #: <u>371006-054</u> | Client Sample #: SS7-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Dichlorodifluoromethane | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.22 | 0.305 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.22 | 0.5124 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.22 | 0.4636 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.22 | 0.2074 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.22 | 0.2562 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.22 | 0.2684 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.22 | 0.305 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Naphthalene | ND | 1.22 | 0.3416 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.22 | 0.1952 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| o-Xylene | ND | 1.22 | 0.1586 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.22 | 0.4148 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Styrene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.22 | 10.736 | 12.2 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.22 | 0.2318 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.22 | 0.244 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Toluene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.22 | 0.2806 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.22 | 0.1708 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.22 | 0.4636 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.22 | 0.4758 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.22 | 0.305 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.22 | 0.2196 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.22 | 0.549 | 6.1 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 123 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 117 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 111 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 93 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:40 | Site: | |
| Sample #: <u>371006-055</u> | Client Sample #: SS7-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:41 | Site: | |
| Sample #: <u>371006-056</u> | Client Sample #: SS7-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:30 | Site: | |
| Sample #: <u>371006-057</u> | Client Sample #: SS99-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|-------------------|------|---------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169005 | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 07/12/16 | 07/13/16 | JN |
| Arsenic | 5.35 | 1 | 0.36 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Barium | 107 | 1 | 0.23 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Cadmium | ND | 1 | 0.21 | 0.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Chromium | 13.7 | 1 | 0.13 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Cobalt | 9.02 | 1 | 0.19 | 0.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Copper | 16.0 | 1 | 0.31 | 1 | mg/Kg | 07/12/16 | 07/13/16 | JN |
| Lead | 40.6 | 1 | 0.32 | 0.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Molybdenum | ND | 1 | 0.13 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Nickel | 8.93 | 1 | 0.2 | 1.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 07/12/16 | 07/13/16 | JN |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Vanadium | 31.9 | 1 | 0.37 | 0.5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Zinc | 115 | 1 | 0.28 | 5 | mg/Kg | 07/12/16 | 07/12/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 3.69 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | | QCBatchID: QC1169018 | |
| Mercury | 0.05 J | 1 | 0.02 | 0.14 | mg/Kg | 07/13/16 | 07/13/16 | JP |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1 | 0.159 | 3 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | |
| 4-Bromofluorobenzene (SUR) | | | 93 | | 60-140 | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.98 | 0.2352 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.98 | 0.147 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.98 | 0.2842 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.98 | 0.7252 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.98 | 0.3234 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.98 | 0.2744 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.98 | 0.1176 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.98 | 0.3332 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.98 | 0.2352 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 08:30

Site:

Sample #: 371006-057

Client Sample #: SS99-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|---------------|------|--------|-----|-------|----------|----------|----|-------|
| 2-Butanone (MEK) | 2.1 J | 0.98 | 0.7056 | 98 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| 2-Chloroethyl Vinyl Ether | ND | 0.98 | 0.294 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 2-Chlorotoluene | ND | 0.98 | 0.245 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 0.98 | 0.2646 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Acetone | 20 J | 0.98 | 9.8 | 98 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Allyl Chloride | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Benzene | 2.1 J | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Bromobenzene | ND | 0.98 | 0.294 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromoform | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromomethane | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroethane | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroform | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloromethane | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dibromomethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dichlorodifluoromethane | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 0.98 | 0.2058 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethylbenzene | ND | 0.98 | 0.245 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 0.98 | 0.4116 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Hexachlorobutadiene | ND | 0.98 | 0.3724 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Isopropylbenzene | ND | 0.98 | 0.1666 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| m and p-Xylene | 0.29 J | 0.98 | 0.2058 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Methylene chloride | ND | 0.98 | 0.2156 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 0.98 | 0.245 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Naphthalene | ND | 0.98 | 0.2744 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-butylbenzene | ND | 0.98 | 0.1568 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-propylbenzene | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| o-Xylene | ND | 0.98 | 0.1274 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Sec-butylbenzene | ND | 0.98 | 0.3332 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Styrene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 0.98 | 8.624 | 9.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 0.98 | 0.1862 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-butylbenzene | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tetrachloroethene | ND | 0.98 | 0.196 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Toluene | 0.98 J | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| trans-1,2-dichloroethene | ND | 0.98 | 0.2254 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 0.98 | 0.1372 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 0.98 | 0.3724 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichloroethene | ND | 0.98 | 0.3822 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichlorofluoromethane | ND | 0.98 | 0.245 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Vinyl Chloride | ND | 0.98 | 0.1764 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Xylenes (Total) | ND | 0.98 | 0.441 | 4.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:30 | Site: | |
| Sample #: <u>371006-057</u> | Client Sample #: SS99-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|--------------|----------|-------------|-------|
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | <i>Notes</i> | | | |
| 1,2-Dichloroethane-d4 (SUR) | 119 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 108 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 115 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 94 | | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:31 | Site: | |
| Sample #: <u>371006-058</u> | Client Sample #: SS99-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:32 | Site: | |
| Sample #: <u>371006-059</u> | Client Sample #: SS99-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:34 | Site: | |
| Sample #: <u>371006-060</u> | Client Sample #: SS89-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 16.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168704 | |
| Arsenic | 6.08 | 10 | 0.2 | 3 | mg/Kg | 06/28/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:35 | Site: | |
| Sample #: <u>371006-061</u> | Client Sample #: SS89-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:36 | Site: | |
| Sample #: <u>371006-062</u> | Client Sample #: SS89-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:29 | Site: | |
| Sample #: <u>371006-063</u> | Client Sample #: SS92-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | | |
| Lead | 80.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | | |
| Arsenic | 5.57 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:30 | Site: | |
| Sample #: <u>371006-064</u> | Client Sample #: SS92-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:31 | Site: | |
| Sample #: <u>371006-065</u> | Client Sample #: SS92-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:25 | Site: | |
| Sample #: <u>371006-066</u> | Client Sample #: SS90-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | | |
| Lead | 33.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | | |
| Arsenic | 1.277 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:26 | Site: | |
| Sample #: <u>371006-067</u> | Client Sample #: SS90-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 09:26 | Site: | |
| Sample #: <u>371006-068</u> | Client Sample #: SS90-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:52 | Site: | |
| Sample #: 371006-069 | Client Sample #: SS98-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|-------------------|---------|---------------|-------|--------------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Arsenic | 3.71 | 1 | 0.36 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Barium | 128 | 1 | 0.23 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Cadmium | 0.94 | 1 | 0.21 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Chromium | 15.0 | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Cobalt | 9.45 | 1 | 0.19 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Copper | 24.3 | 1 | 0.31 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN B |
| Lead | 108 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Molybdenum | ND | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Nickel | 10.7 | 1 | 0.2 | 1.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN B |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Vanadium | 36.0 | 1 | 0.37 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Zinc | 162 | 1 | 0.28 | 5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 3.45 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | | QCBatchID: QC1168664 | |
| Mercury | 0.11 J | 1 | 0.02 | 0.14 | mg/Kg | 06/27/16 | 06/28/16 | JP J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.04 | 0.16536 | 3.12 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 4-Bromofluorobenzene (SUR) | | 94 | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.09 | 0.1635 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.09 | 0.3161 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.09 | 0.8066 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.09 | 0.3597 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.09 | 0.1308 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.09 | 0.7848 | 109 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 08:52

Site:

Sample #: 371006-069

Client Sample #: SS98-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|---------------|------|--------|------|-------|----------|----------|----|-------|
| 2-Chlorotoluene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.09 | 0.2943 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Acetone | 16 J | 1.09 | 10.9 | 109 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Allyl Chloride | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Benzene | 1.6 J | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Bromobenzene | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromoform | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromomethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroform | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloromethane | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dibromomethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dichlorodifluoromethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethylbenzene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1.09 | 0.4578 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Hexachlorobutadiene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Isopropylbenzene | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| m and p-Xylene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Methylene chloride | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Naphthalene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-butylbenzene | ND | 1.09 | 0.1744 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-propylbenzene | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| o-Xylene | ND | 1.09 | 0.1417 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Sec-butylbenzene | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Styrene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 1.09 | 9.592 | 10.9 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-butylbenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tetrachloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Toluene | 0.57 J | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| trans-1,2-dichloroethene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichloroethene | ND | 1.09 | 0.4251 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichlorofluoromethane | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Vinyl Chloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Xylenes (Total) | ND | 1.09 | 0.4905 | 5.45 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:52 | Site: | |
| Sample #: <u>371006-069</u> | Client Sample #: SS98-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|-------|----------|-------------|--------------|
| <u>Surrogate</u> | | | | | | | | |
| 1,2-Dichloroethane-d4 (SUR) | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| | 120 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 109 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 114 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 95 | | | 70-145 | | | | |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:52 | Site: | |
| Sample #: <u>371006-070</u> | Client Sample #: SS98-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|---------------|------|--------------|----------------------|-------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QCBatchID: QC1168676 | | | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Arsenic | 4.42 | 1 | 0.36 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Barium | 124 | 1 | 0.23 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Cadmium | 1.61 | 1 | 0.21 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN | |
| Chromium | 17.1 | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Cobalt | 12.0 | 1 | 0.19 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Copper | 15.0 | 1 | 0.31 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN B | |
| Lead | 3.79 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Molybdenum | ND | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Nickel | 11.3 | 1 | 0.2 | 1.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN B | |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Vanadium | 43.2 | 1 | 0.37 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Zinc | 429 | 1 | 0.28 | 5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | QCBatchID: QC1168664 | | | |
| Mercury | 0.07 J | 1 | 0.02 | 0.14 | mg/Kg | 06/27/16 | 06/28/16 | JP J | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | QCBatchID: | | | |
| See Attached | 1 | | | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168722 | | | |
| TPH Gasoline | ND | 1 | 0.159 | 3 | mg/Kg | | 06/30/16 | TT | |
| <i>Surrogate</i> | <i>% Recovery</i> | | <i>Limits</i> | | <i>Notes</i> | | | | |
| 4-Bromofluorobenzene (SUR) | 93 | | 60-140 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168721 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.24 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1 | 0.15 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.29 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 0.22 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.74 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1 | 0.21 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.33 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1 | 0.12 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.14 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.34 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 0.21 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 0.24 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 0.72 | 100 | ug/Kg | | 06/30/16 | ZZ | |
| 2-Chloroethyl Vinyl Ether | ND | 1 | 0.3 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 2-Chlorotoluene | ND | 1 | 0.25 | 5 | ug/Kg | | 06/30/16 | ZZ | |
| 4-Chlorotoluene | ND | 1 | 0.22 | 5 | ug/Kg | | 06/30/16 | ZZ | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 08:52

Site:

Sample #: 371006-070

Client Sample #: SS98-0.5 DUP

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-----------------------------|---------------|----|------|-----|-------|----------|-------------|-------|
| 4-Isopropyltoluene | ND | 1 | 0.27 | 5 | ug/Kg | | 06/30/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.17 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Acetone | ND | 1 | 10 | 100 | ug/Kg | | 06/30/16 | ZZ |
| Allyl Chloride | ND | 1 | 0.14 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Benzene | 0.41 J | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ J |
| Bromobenzene | ND | 1 | 0.3 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Bromochloromethane | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Bromodichloromethane | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Bromoform | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Bromomethane | ND | 1 | 0.22 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Carbon Tetrachloride | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Chlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Chlorodibromomethane | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Chloroethane | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Chloroform | ND | 1 | 0.17 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Chloromethane | ND | 1 | 0.21 | 5 | ug/Kg | | 06/30/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Dichlorodifluoromethane | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.21 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Ethylbenzene | ND | 1 | 0.25 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.42 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Hexachlorobutadiene | ND | 1 | 0.38 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Isopropylbenzene | ND | 1 | 0.17 | 5 | ug/Kg | | 06/30/16 | ZZ |
| m and p-Xylene | ND | 1 | 0.21 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Methylene chloride | ND | 1 | 0.22 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.25 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Naphthalene | ND | 1 | 0.28 | 5 | ug/Kg | | 06/30/16 | ZZ |
| N-butylbenzene | ND | 1 | 0.16 | 5 | ug/Kg | | 06/30/16 | ZZ |
| N-propylbenzene | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ |
| o-Xylene | ND | 1 | 0.13 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Sec-butylbenzene | ND | 1 | 0.34 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Styrene | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1 | 8.8 | 10 | ug/Kg | | 06/30/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Tert-butylbenzene | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Tetrachloroethene | ND | 1 | 0.2 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Toluene | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1 | 0.23 | 5 | ug/Kg | | 06/30/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1 | 0.14 | 5 | ug/Kg | | 06/30/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.38 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/Kg | | 06/30/16 | ZZ |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/Kg | | 06/30/16 | ZZ |

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)
 4-Bromofluorobenzene (SUR)
 Dibromodifluoromethane (SUR)
 Toluene-d8 (SUR)

105
 107
 109
 100

70-145
 70-145
 70-145
 70-145

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:54 | Site: | |
| Sample #: <u>371006-071</u> | Client Sample #: SS98-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 08:55 | Site: | |
| Sample #: <u>371006-072</u> | Client Sample #: SS98-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:15 | Site: | |
| Sample #: <u>371006-073</u> | Client Sample #: SS63-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:16 | Site: | |
| Sample #: <u>371006-074</u> | Client Sample #: SS63-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:17 | Site: | |
| Sample #: 371006-075 | Client Sample #: SS63-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.22 | 0.19398 | 3.66 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 62 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.16 | 0.174 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.16 | 0.3364 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.16 | 0.8584 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.16 | 0.3828 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.16 | 0.1392 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.16 | 0.2784 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.16 | 0.8352 | 116 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.16 | 0.348 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.16 | 0.3132 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Acetone | ND | 1.16 | 11.6 | 116 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Allyl Chloride | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Benzene | 0.43 J | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.16 | 0.348 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromoform | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromomethane | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroethane | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroform | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloromethane | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 10:17

Site:

Sample #: 371006-075

Client Sample #: SS63-10.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.16 | 0.29 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.16 | 0.4872 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.16 | 0.1972 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.16 | 0.2436 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.16 | 0.2552 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.16 | 0.29 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Naphthalene | ND | 1.16 | 0.3248 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.16 | 0.1856 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| o-Xylene | ND | 1.16 | 0.1508 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.16 | 0.3944 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Styrene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.16 | 10.208 | 11.6 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.16 | 0.2204 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.16 | 0.232 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Toluene | 0.27 J | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.16 | 0.2668 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.16 | 0.1624 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.16 | 0.4408 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.16 | 0.4524 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.16 | 0.29 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.16 | 0.2088 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.16 | 0.522 | 5.8 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 103 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 107 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:10 | Site: | |
| Sample #: 371006-076 | Client Sample #: SS55-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 38.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 20.5 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 94 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.14 | 0.171 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.14 | 0.3306 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.14 | 0.8436 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.14 | 0.3762 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.14 | 0.1368 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 1.9 J | 1.14 | 0.8208 | 114 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.14 | 0.3078 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Acetone | 16 J | 1.14 | 11.4 | 114 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Benzene | 1.7 J | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromoform | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromomethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:10 | Site: | |
| Sample #: <u>371006-076</u> | Client Sample #: SS55-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Chloroethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroform | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloromethane | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.14 | 0.4788 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| m and p-Xylene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methylene chloride | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Naphthalene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.14 | 0.1824 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| o-Xylene | ND | 1.14 | 0.1482 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Styrene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.14 | 10.032 | 11.4 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tetrachloroethene | 0.44 J | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Toluene | 0.68 J | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.14 | 0.4446 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.14 | 0.513 | 5.7 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 116 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 102 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 112 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 102 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:11 | Site: | |
| Sample #: <u>371006-077</u> | Client Sample #: SS55-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|--------------|-----|-----|-------|----------|-------------|-------|
| Method: | | Prep Method: | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:12 | Site: | |
| Sample #: <u>371006-078</u> | Client Sample #: SS55-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:16 | Site: | |
| Sample #: 371006-079 | Client Sample #: SS67-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|-------------------|---------|---------------|-------|--------------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Arsenic | 5.47 | 1 | 0.36 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Barium | 132 | 1 | 0.23 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Cadmium | 0.38 J | 1 | 0.21 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN J |
| Chromium | 18.4 | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Cobalt | 11.0 | 1 | 0.19 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Copper | 18.6 | 1 | 0.31 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN B |
| Lead | 44.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Molybdenum | ND | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Nickel | 11.4 | 1 | 0.2 | 1.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN B |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Vanadium | 42.3 | 1 | 0.37 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Zinc | 102 | 1 | 0.28 | 5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 2.55 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | | QCBatchID: QC1168664 | |
| Mercury | 0.11 J | 1 | 0.02 | 0.14 | mg/Kg | 06/27/16 | 06/28/16 | JP J |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 0.98 | 0.15582 | 2.94 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 4-Bromofluorobenzene (SUR) | | 98 | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.24 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.15 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.29 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.22 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.74 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1 | 0.21 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.33 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1 | 0.12 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1 | 0.14 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1 | 0.34 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.21 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1 | 0.24 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 10:16

Site:

Sample #: 371006-079

Client Sample #: SS67-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|---------------|----|------|-----|-------|----------|----------|----|-------|
| 2-Butanone (MEK) | 2.0 J | 1 | 0.72 | 100 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| 2-Chloroethyl Vinyl Ether | ND | 1 | 0.3 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 2-Chlorotoluene | ND | 1 | 0.25 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Chlorotoluene | ND | 1 | 0.22 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1 | 0.27 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.17 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Acetone | 14 J | 1 | 10 | 100 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Allyl Chloride | ND | 1 | 0.14 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Benzene | 1.9 J | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Bromobenzene | ND | 1 | 0.3 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromochloromethane | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromodichloromethane | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromoform | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Bromomethane | ND | 1 | 0.22 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chlorodibromomethane | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroethane | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloroform | ND | 1 | 0.17 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Chloromethane | ND | 1 | 0.21 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Dichlorodifluoromethane | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.21 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethylbenzene | ND | 1 | 0.25 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.42 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 0.38 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Isopropylbenzene | ND | 1 | 0.17 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| m and p-Xylene | ND | 1 | 0.21 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Methylene chloride | 0.23 J | 1 | 0.22 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.25 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Naphthalene | ND | 1 | 0.28 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-butylbenzene | ND | 1 | 0.16 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| N-propylbenzene | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| o-Xylene | ND | 1 | 0.13 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Sec-butylbenzene | ND | 1 | 0.34 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Styrene | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 1 | 8.8 | 10 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tert-butylbenzene | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Tetrachloroethene | ND | 1 | 0.2 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Toluene | 0.78 J | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | J |
| trans-1,2-dichloroethene | ND | 1 | 0.23 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.14 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.38 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/Kg | 06/24/16 | 06/24/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:16 | Site: | |
| Sample #: <u>371006-079</u> | Client Sample #: SS67-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|-------|----------|-------------|--------------|
| <u>Surrogate</u> | | | | | | | | |
| | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | 122 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 104 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 110 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 95 | | | 70-145 | | | | |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:16 | Site: | |
| Sample #: <u>371006-080</u> | Client Sample #: SS67-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/26/16 | TT |
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | | | | <i>Notes</i> |
| 4-Bromofluorobenzene (SUR) | 92 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.06 | 0.159 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.06 | 0.3074 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.06 | 0.7844 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.06 | 0.3498 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.06 | 0.1272 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Butanone (MEK) | 1.3 J | 1.06 | 0.7632 | 106 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.06 | 0.318 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 2-Chlorotoluene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Chlorotoluene | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.06 | 0.2862 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Acetone | 16 J | 1.06 | 10.6 | 106 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Allyl Chloride | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Benzene | 2.3 J | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Bromobenzene | ND | 1.06 | 0.318 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromochloromethane | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromodichloromethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromoform | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Bromomethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Carbon Tetrachloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chlorodibromomethane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloroform | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Chloromethane | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:16 | Site: | |
| Sample #: <u>371006-080</u> | Client Sample #: SS67-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dibromomethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethylbenzene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.06 | 0.4452 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Hexachlorobutadiene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Isopropylbenzene | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| m and p-Xylene | 0.23 J | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| Methylene chloride | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Naphthalene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-butylbenzene | ND | 1.06 | 0.1696 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| N-propylbenzene | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| o-Xylene | ND | 1.06 | 0.1378 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Sec-butylbenzene | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Styrene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.06 | 9.328 | 10.6 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tert-butylbenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Tetrachloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Toluene | 1.0 J | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichloroethene | ND | 1.06 | 0.4134 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Trichlorofluoromethane | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Vinyl Chloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| Xylenes (Total) | ND | 1.06 | 0.477 | 5.3 | ug/Kg | 06/24/16 | 06/24/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 121 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 106 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 113 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 97 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:17 | Site: | |
| Sample #: <u>371006-081</u> | Client Sample #: SS67-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:18 | Site: | |
| Sample #: <u>371006-082</u> | Client Sample #: SS67-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:20 | Site: | |
| Sample #: 371006-083 | Client Sample #: SS68-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|-------------------|---------|---------------|--------------|----------------------|-------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QCBatchID: QC1168676 | | | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Arsenic | 6.69 | 1 | 0.36 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Barium | 167 | 1 | 0.23 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Cadmium | 0.70 | 1 | 0.21 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN | |
| Chromium | 17.7 | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Cobalt | 9.61 | 1 | 0.19 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Copper | 25.3 | 1 | 0.31 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN B | |
| Lead | 124 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Molybdenum | ND | 1 | 0.13 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Nickel | 11.6 | 1 | 0.2 | 1.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN B | |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Vanadium | 37.3 | 1 | 0.37 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Zinc | 391 | 1 | 0.28 | 5 | mg/Kg | 06/27/16 | 06/29/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | QCBatchID: QC1168706 | | | |
| Arsenic | 5.18 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN | |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | QCBatchID: QC1168844 | | | |
| Mercury | 0.09 J | 1 | 0.02 | 0.14 | mg/Kg | 07/06/16 | 07/06/16 | JP J | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | QCBatchID: | | | |
| See Attached | 1 | | | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168654 | | | |
| TPH Gasoline | ND | 1.02 | 0.16218 | 3.06 | mg/Kg | | 06/26/16 | TT | |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | | 93 | | 60-140 | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | QCBatchID: | | | |
| See Attached | 1 | | | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | QCBatchID: QC1168612 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1.06 | 0.159 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1.06 | 0.3074 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.06 | 0.7844 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1.06 | 0.3498 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1.06 | 0.1272 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1.06 | 0.2544 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016 10:20

Site:

Sample #: 371006-083

Client Sample #: SS68-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|---------------|------|--------|------|-------|----------|----------|----|-------|
| 2-Butanone (MEK) | 1.8 J | 1.06 | 0.7632 | 106 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | J |
| 2-Chloroethyl Vinyl Ether | ND | 1.06 | 0.318 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2-Chlorotoluene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.06 | 0.2862 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Acetone | 14 J | 1.06 | 10.6 | 106 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | J |
| Allyl Chloride | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Benzene | 1.4 J | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | J |
| Bromobenzene | ND | 1.06 | 0.318 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromochloromethane | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromodichloromethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromoform | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromomethane | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chlorobenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chlorodibromomethane | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloroethane | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloroform | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloromethane | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Dibromomethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Dichlorodifluoromethane | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Ethylbenzene | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1.06 | 0.4452 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Hexachlorobutadiene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Isopropylbenzene | ND | 1.06 | 0.1802 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| m and p-Xylene | ND | 1.06 | 0.2226 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Methylene chloride | ND | 1.06 | 0.2332 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Naphthalene | ND | 1.06 | 0.2968 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| N-butylbenzene | ND | 1.06 | 0.1696 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| N-propylbenzene | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| o-Xylene | ND | 1.06 | 0.1378 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Sec-butylbenzene | ND | 1.06 | 0.3604 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Styrene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 1.06 | 9.328 | 10.6 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 1.06 | 0.2014 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Tert-butylbenzene | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Tetrachloroethene | ND | 1.06 | 0.212 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Toluene | 0.61 J | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | J |
| trans-1,2-dichloroethene | ND | 1.06 | 0.2438 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 1.06 | 0.1484 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 1.06 | 0.4028 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Trichloroethene | ND | 1.06 | 0.4134 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Trichlorofluoromethane | ND | 1.06 | 0.265 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Vinyl Chloride | ND | 1.06 | 0.1908 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Xylenes (Total) | ND | 1.06 | 0.477 | 5.3 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:20 | Site: | |
| Sample #: <u>371006-083</u> | Client Sample #: SS68-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|-------|----------|-------------|--------------|
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | | | | <i>Notes</i> |
| 1,2-Dichloroethane-d4 (SUR) | 124 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 101 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 115 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 97 | | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:21 | Site: | |
| Sample #: <u>371006-084</u> | Client Sample #: SS68-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:22 | Site: | |
| Sample #: <u>371006-085</u> | Client Sample #: SS68-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:24 | Site: | |
| Sample #: <u>371006-086</u> | Client Sample #: SS62-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:25 | Site: | |
| Sample #: <u>371006-087</u> | Client Sample #: SS62-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:26 | Site: | |
| Sample #: 371006-088 | Client Sample #: SS62-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.11 | 0.17649 | 3.33 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 93 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.14 | 0.171 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.14 | 0.3306 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.14 | 0.8436 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.14 | 0.3762 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.14 | 0.1368 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.14 | 0.8208 | 114 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.14 | 0.3078 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Acetone | ND | 1.14 | 11.4 | 114 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Benzene | 0.34 J | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| Bromobenzene | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromoform | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloroform | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:26 | Site: | |
| Sample #: <u>371006-088</u> | Client Sample #: SS62-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.14 | 0.4788 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methylene chloride | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.14 | 0.1824 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.14 | 0.1482 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.14 | 10.032 | 11.4 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Toluene | 0.28 J | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.14 | 0.4446 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.14 | 0.513 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 132 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 113 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 119 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 95 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:34 | Site: | |
| Sample #: <u>371006-089</u> | Client Sample #: SS51-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 71.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 2.31 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:35 | Site: | |
| Sample #: <u>371006-090</u> | Client Sample #: SS51-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:37 | Site: | |
| Sample #: <u>371006-091</u> | Client Sample #: SS51-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:42 | Site: | |
| Sample #: <u>371006-092</u> | Client Sample #: SS52-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 32.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 1.877 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:43 | Site: | |
| Sample #: <u>371006-093</u> | Client Sample #: SS52-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:44 | Site: | |
| Sample #: <u>371006-094</u> | Client Sample #: SS52-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:50 | Site: | |
| Sample #: <u>371006-095</u> | Client Sample #: SS60-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:52 | Site: | |
| Sample #: <u>371006-096</u> | Client Sample #: SS60-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:54 | Site: | |
| Sample #: 371006-097 | Client Sample #: SS60-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|-----------------------|------|----------------------|------|--------------|----------|-------------|-------|--|
| Method: EPA 8015B NELAC | Prep Method: | | QCBatchID: | | | | | | |
| See Attached | | 1 | | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | QCBatchID: QC1168654 | | | | | | |
| TPH Gasoline | ND | 1.19 | 0.18921 | 3.57 | mg/Kg | 06/26/16 | TT | | |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | | |
| 4-Bromofluorobenzene (SUR) | 92 | | 60-140 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | QCBatchID: QC1168612 | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1.14 | 0.171 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1.14 | 0.3306 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.14 | 0.8436 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1.14 | 0.3762 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1.14 | 0.1368 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2-Butanone (MEK) | ND | 1.14 | 0.8208 | 114 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2-Chloroethyl Vinyl Ether | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 2-Chlorotoluene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Chlorotoluene | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1.14 | 0.3078 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Acetone | ND | 1.14 | 11.4 | 114 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Allyl Chloride | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Benzene | 0.47 J | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J | |
| Bromobenzene | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromochloromethane | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromodichloromethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromoform | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Bromomethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Carbon Tetrachloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chlorodibromomethane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloroethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloroform | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Chloromethane | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,3-dichloropropene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |
| Dibromomethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 10:54 | Site: | |
| Sample #: <u>371006-097</u> | Client Sample #: SS60-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Dichlorodifluoromethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.14 | 0.4788 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methylene chloride | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.14 | 0.1824 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.14 | 0.1482 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.14 | 10.032 | 11.4 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Toluene | 0.32 J | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.14 | 0.4446 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.14 | 0.513 | 5.7 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 123 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 115 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 112 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:12 | Site: | |
| Sample #: <u>371006-098</u> | Client Sample #: SS61-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|--------------|-----|-----|-------|----------|-------------|-------|
| Method: | | Prep Method: | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:14 | Site: | |
| Sample #: <u>371006-099</u> | Client Sample #: SS61-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|--------------|-----|-----|-------|----------|-------------|-------|
| Method: | | Prep Method: | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:16 | Site: | |
| Sample #: 371006-100 | Client Sample #: SS61-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.22 | 0.19398 | 3.66 | mg/Kg | | 06/26/16 | TT |
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | | | | <i>Notes</i> |
| 4-Bromofluorobenzene (SUR) | 90 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.11 | 0.1665 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.11 | 0.3219 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.11 | 0.8214 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.11 | 0.3663 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.11 | 0.1332 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.11 | 0.7992 | 111 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.11 | 0.333 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.11 | 0.2997 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Acetone | ND | 1.11 | 11.1 | 111 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Benzene | 0.51 J | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| Bromobenzene | ND | 1.11 | 0.333 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromoform | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloroform | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:16 | Site: | |
| Sample #: <u>371006-100</u> | Client Sample #: SS61-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Dichlorodifluoromethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.11 | 0.4662 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methylene chloride | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.11 | 0.1776 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.11 | 0.1443 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.11 | 9.768 | 11.1 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Toluene | 0.26 J | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.11 | 0.4329 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.11 | 0.4995 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 125 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 109 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 110 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 97 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:40 | Site: | |
| Sample #: <u>371006-101</u> | Client Sample #: SS53-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:41 | Site: | |
| Sample #: <u>371006-102</u> | Client Sample #: SS53-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 11:42 | Site: | |
| Sample #: <u>371006-103</u> | Client Sample #: SS53-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:30 | Site: | |
| Sample #: <u>371006-104</u> | Client Sample #: SS71-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168676 | |
| Lead | 62.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/29/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 1.725 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:31 | Site: | |
| Sample #: <u>371006-105</u> | Client Sample #: SS71-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:32 | Site: | |
| Sample #: <u>371006-106</u> | Client Sample #: SS71-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:39 | Site: | |
| Sample #: <u>371006-107</u> | Client Sample #: SS54-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 84.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 2.72 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:40 | Site: | |
| Sample #: <u>371006-108</u> | Client Sample #: SS54-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:41 | Site: | |
| Sample #: <u>371006-109</u> | Client Sample #: SS54-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:39 | Site: | |
| Sample #: <u>371006-110</u> | Client Sample #: SS72-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 6.29 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 1.125 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:40 | Site: | |
| Sample #: <u>371006-111</u> | Client Sample #: SS72-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:42 | Site: | |
| Sample #: <u>371006-112</u> | Client Sample #: SS72-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:47 | Site: | |
| Sample #: <u>371006-113</u> | Client Sample #: SS69-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 31.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 1.460 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:48 | Site: | |
| Sample #: <u>371006-114</u> | Client Sample #: SS69-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:49 | Site: | |
| Sample #: <u>371006-115</u> | Client Sample #: SS69-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:51 | Site: | |
| Sample #: 371006-116 | Client Sample #: SS56-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 11.4 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 1.702 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168654 | |
| TPH Gasoline | ND | 1.06 | 0.16854 | 3.18 | mg/Kg | | 06/26/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 95 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168612 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.11 | 0.1665 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.11 | 0.3219 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.11 | 0.8214 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.11 | 0.3663 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.11 | 0.1332 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.11 | 0.2664 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | 0.83 J | 1.11 | 0.7992 | 111 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| 2-Chloroethyl Vinyl Ether | ND | 1.11 | 0.333 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.11 | 0.2997 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Acetone | 16 J | 1.11 | 11.1 | 111 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| Allyl Chloride | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Benzene | 1.5 J | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| Bromobenzene | ND | 1.11 | 0.333 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromoform | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |

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|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:51 | Site: | |
| Sample #: 371006-116 | Client Sample #: SS56-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|------|-------------------|---------------|-------|----------|-------------|--------------|
| Chloroethane | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloroform | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.11 | 0.4662 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.11 | 0.1887 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| m and p-Xylene | 0.25 J | 1.11 | 0.2331 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| Methylene chloride | ND | 1.11 | 0.2442 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.11 | 0.3108 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.11 | 0.1776 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.11 | 0.1443 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.11 | 0.3774 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.11 | 9.768 | 11.1 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.11 | 0.2109 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.11 | 0.222 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Toluene | 0.64 J | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ J |
| trans-1,2-dichloroethene | ND | 1.11 | 0.2553 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.11 | 0.1554 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.11 | 0.4218 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.11 | 0.4329 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.11 | 0.2775 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.11 | 0.1998 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.11 | 0.4995 | 5.55 | ug/Kg | 06/24/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | | <u>% Recovery</u> | <u>Limits</u> | | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | | | 123 | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | | 109 | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | | 111 | 70-145 | | | | |
| Toluene-d8 (SUR) | | | 99 | 70-145 | | | | |

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|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:53 | Site: | |
| Sample #: 371006-117 | Client Sample #: SS56-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:54 | Site: | |
| Sample #: <u>371006-118</u> | Client Sample #: SS56-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:57 | Site: | |
| Sample #: <u>371006-119</u> | Client Sample #: SS70-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 122 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 5.28 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 12:59 | Site: | |
| Sample #: <u>371006-120</u> | Client Sample #: SS70-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:03 | Site: | |
| Sample #: <u>371006-121</u> | Client Sample #: SS70-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:10 | Site: | |
| Sample #: <u>371006-122</u> | Client Sample #: SS77-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 187 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 3.46 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:10 | Site: | |
| Sample #: <u>371006-123</u> | Client Sample #: SS77-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 200 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168706 | |
| Arsenic | 3.02 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:11 | Site: | |
| Sample #: <u>371006-124</u> | Client Sample #: SS77-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:12 | Site: | |
| Sample #: <u>371006-125</u> | Client Sample #: SS77-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:16 | Site: | |
| Sample #: <u>371006-126</u> | Client Sample #: SS80-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168675 |
| Lead | 129 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168706 |
| Arsenic | 5.09 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |
| Method: <i>EPA 8082 NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:16 | Site: | |
| Sample #: <u>371006-127</u> | Client Sample #: SS80-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168675 |
| Lead | 40.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168706 |
| Arsenic | 3.60 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:17 | Site: | |
| Sample #: <u>371006-128</u> | Client Sample #: SS80-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:18 | Site: | |
| Sample #: <u>371006-129</u> | Client Sample #: SS80-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:34 | Site: | |
| Sample #: <u>371006-130</u> | Client Sample #: SS79-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168675 |
| Lead | 64.5 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1168706 |
| Arsenic | 2.17 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/05/16 | KLN |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:34 | Site: | |
| Sample #: <u>371006-131</u> | Client Sample #: SS79-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 86.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 2.52 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:35 | Site: | |
| Sample #: <u>371006-132</u> | Client Sample #: SS79-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:36 | Site: | |
| Sample #: <u>371006-133</u> | Client Sample #: SS79-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:30 | Site: | |
| Sample #: <u>371006-134</u> | Client Sample #: SS76-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 86.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 3.83 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:31 | Site: | |
| Sample #: <u>371006-135</u> | Client Sample #: SS76-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:32 | Site: | |
| Sample #: <u>371006-136</u> | Client Sample #: SS76-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:38 | Site: | |
| Sample #: <u>371006-137</u> | Client Sample #: SS73-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 87.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 5.98 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:40 | Site: | |
| Sample #: <u>371006-138</u> | Client Sample #: SS73-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:41 | Site: | |
| Sample #: <u>371006-139</u> | Client Sample #: SS73-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:45 | Site: | |
| Sample #: <u>371006-140</u> | Client Sample #: SS78-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 2.12 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 1.156 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN J |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:45 | Site: | |
| Sample #: <u>371006-141</u> | Client Sample #: SS78-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 62.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 1.928 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:46 | Site: | |
| Sample #: <u>371006-142</u> | Client Sample #: SS78-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:47 | Site: | |
| Sample #: <u>371006-143</u> | Client Sample #: SS78-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:45 | Site: | |
| Sample #: <u>371006-144</u> | Client Sample #: SS74-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 172 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 4.68 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:46 | Site: | |
| Sample #: <u>371006-145</u> | Client Sample #: SS74-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:48 | Site: | |
| Sample #: <u>371006-146</u> | Client Sample #: SS74-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:55 | Site: | |
| Sample #: <u>371006-147</u> | Client Sample #: SS85-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 36.8 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 4.82 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:56 | Site: | |
| Sample #: <u>371006-148</u> | Client Sample #: SS85-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:57 | Site: | |
| Sample #: <u>371006-149</u> | Client Sample #: SS85-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:01 | Site: | |
| Sample #: <u>371006-150</u> | Client Sample #: SS88-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 88.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 13.2 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:02 | Site: | |
| Sample #: <u>371006-151</u> | Client Sample #: SS88-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:03 | Site: | |
| Sample #: <u>371006-152</u> | Client Sample #: SS88-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:55 | Site: | |
| Sample #: <u>371006-153</u> | Client Sample #: SS75-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 30.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 2.28 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:56 | Site: | |
| Sample #: <u>371006-154</u> | Client Sample #: SS75-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 13:57 | Site: | |
| Sample #: <u>371006-155</u> | Client Sample #: SS75-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:27 | Site: | |
| Sample #: <u>371006-156</u> | Client Sample #: SS86-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168675 | |
| Lead | 42.1 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 1.913 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:28 | Site: | |
| Sample #: <u>371006-157</u> | Client Sample #: SS86-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:29 | Site: | |
| Sample #: <u>371006-158</u> | Client Sample #: SS86-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:11 | Site: | |
| Sample #: <u>371006-159</u> | Client Sample #: SS87-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168682 |
| Lead | 131 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168708 |
| Arsenic | 3.61 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:12 | Site: | |
| Sample #: <u>371006-160</u> | Client Sample #: SS87-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 14:13 | Site: | |
| Sample #: <u>371006-161</u> | Client Sample #: SS87-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|-----------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: 371006-162 | Client Sample #: EQBL623 HA | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------------------|-------|---------------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168717 | |
| Antimony | ND | 1 | 0.016 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Arsenic | 0.007 J | 1 | 0.004 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Barium | ND | 1 | 0.001 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Beryllium | ND | 1 | 0.001 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Cadmium | ND | 1 | 0.001 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Chromium | ND | 1 | 0.002 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Cobalt | ND | 1 | 0.001 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Copper | 0.007 J | 1 | 0.001 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Molybdenum | 0.004 J | 1 | 0.002 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Nickel | ND | 1 | 0.001 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Selenium | ND | 1 | 0.004 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Silver | ND | 1 | 0.001 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Thallium | 0.005 | 1 | 0.003 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Vanadium | ND | 1 | 0.003 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Zinc | 0.009 J | 1 | 0.002 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168702 | |
| Arsenic | 0.2 J | 1 | 0.13 | 2 | ug/L | 06/24/16 | 06/28/16 | KLN J |
| Method: EPA 7470A <i>NELAC</i> | Prep Method: Method | | | | | | QCBatchID: QC1168685 | |
| Mercury | 0.19 J | 1 | 0.05 | 0.4 | ug/L | 06/29/16 | 07/01/16 | MH |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168635 | |
| TPH Gasoline | ND | 1 | 6.6 | 50 | ug/L | | 06/24/16 | TT |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | | | 94 | | 60-140 | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168628 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.38 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.29 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloroethane | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloroethene | ND | 1 | 0.3 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.28 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.16 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.12 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dibromoethane | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.26 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichloroethane | ND | 1 | 0.2 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichloropropane | ND | 1 | 0.36 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.34 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |

Matrix: Water

Client: Alta Environmental

Collector: Client

Sampled: 06/23/2016

Site:

Sample #: 371006-162

Client Sample #: EQBL623 HA

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|---------------|----|------|-----|-------|----------|----------|----|-------|
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 1,4-Dichlorobenzene | ND | 1 | 0.43 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 2,2-Dichloropropane | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 2-Butanone (MEK) | ND | 1 | 0.78 | 100 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 2-Chlorotoluene | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 4-Chlorotoluene | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 4-Isopropyltoluene | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.12 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Acetone | ND | 1 | 10 | 100 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Allyl Chloride | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Benzene | ND | 1 | 0.18 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Bromobenzene | ND | 1 | 0.53 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Bromochloromethane | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Bromodichloromethane | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Bromoform | ND | 1 | 0.13 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Bromomethane | ND | 1 | 0.68 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Carbon Tetrachloride | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chlorobenzene | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chlorodibromomethane | ND | 1 | 0.21 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloroethane | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloroform | ND | 1 | 0.18 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloromethane | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Dichlorodifluoromethane | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.17 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Ethylbenzene | ND | 1 | 0.21 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.23 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Hexachlorobutadiene | ND | 1 | 0.51 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Isopropylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| m and p-Xylene | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Methylene chloride | ND | 1 | 0.16 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.19 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Naphthalene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| N-butylbenzene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| N-propylbenzene | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| o-Xylene | ND | 1 | 0.29 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Sec-butylbenzene | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Styrene | ND | 1 | 0.22 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| t-Butyl alcohol (TBA) | ND | 1 | 5.2 | 10 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tert-butylbenzene | ND | 1 | 0.4 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tetrachloroethene | ND | 1 | 0.8 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Toluene | 0.95 J | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | J |
| trans-1,2-dichloroethene | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.23 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-162</u> | Client Sample #: EQBL623 HA | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|-------|----------|-------------|--------------|
| <u>Surrogate</u> | | | | | | | | |
| | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | 101 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 115 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 89 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 106 | | | 70-145 | | | | |

| | | |
|-----------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: 371006-163 | Client Sample #: EQBL623 GP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168717 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168702 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 06/24/16 | 06/28/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168635 | |
| TPH Gasoline | ND | 1 | 6.6 | 50 | ug/L | | 06/24/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 93 | | | 60-140 | | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168628 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.38 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.29 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloroethane | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloroethene | ND | 1 | 0.3 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,1-Dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.28 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.16 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.12 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dibromoethane | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.26 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichloroethane | ND | 1 | 0.2 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,2-Dichloropropane | ND | 1 | 0.36 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.34 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 1,4-Dichlorobenzene | ND | 1 | 0.43 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 2,2-Dichloropropane | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 2-Butanone (MEK) | ND | 1 | 0.78 | 100 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 2-Chlorotoluene | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 4-Chlorotoluene | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 4-Isopropyltoluene | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.12 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Acetone | ND | 1 | 10 | 100 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Allyl Chloride | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Benzene | ND | 1 | 0.18 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Bromobenzene | ND | 1 | 0.53 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Bromochloromethane | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Bromodichloromethane | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Bromoform | ND | 1 | 0.13 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Bromomethane | ND | 1 | 0.68 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Carbon Tetrachloride | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |
| Chlorobenzene | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ |

| | | |
|-----------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: 371006-163 | Client Sample #: EQBL623 GP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------------------------|--------------|----|-------------------|-----|-------|----------|-------------|---------------|--------------|
| Chlorodibromomethane | ND | 1 | 0.21 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloroethane | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloroform | ND | 1 | 0.18 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Chloromethane | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.27 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,3-dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Dichlorodifluoromethane | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.17 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Ethylbenzene | ND | 1 | 0.21 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.23 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Hexachlorobutadiene | ND | 1 | 0.51 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Isopropylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| m and p-Xylene | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Methylene chloride | ND | 1 | 0.16 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.19 | 1 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Naphthalene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| N-butylbenzene | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| N-propylbenzene | ND | 1 | 0.31 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| o-Xylene | ND | 1 | 0.29 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Sec-butylbenzene | ND | 1 | 0.32 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Styrene | ND | 1 | 0.22 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| t-Butyl alcohol (TBA) | ND | 1 | 5.2 | 10 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tert-butylbenzene | ND | 1 | 0.4 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Tetrachloroethene | ND | 1 | 0.8 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Toluene | 1.0 J | 1 | 0.24 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ J | |
| trans-1,2-dichloroethene | ND | 1 | 0.33 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.23 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/L | 06/24/16 | 06/25/16 | LZ | |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | | | | <u>Limits</u> | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | | | 106 | | | | | 70-145 | |
| 4-Bromofluorobenzene (SUR) | | | 111 | | | | | 70-145 | |
| Dibromodifluoromethane (SUR) | | | 93 | | | | | 70-145 | |
| Toluene-d8 (SUR) | | | 102 | | | | | 70-145 | |

| | | |
|-----------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: 371006-164 | Client Sample #: COMP 2 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: EPA 8081A NELAC | | | | | | | | QCBatchID: |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-165</u> | Client Sample #: COMP 3 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-166</u> | Client Sample #: COMP 4 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-167</u> | Client Sample #: COMP 5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-168</u> | Client Sample #: COMP 13 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-169</u> | Client Sample #: COMP 14 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-170</u> | Client Sample #: COMP 15 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-171</u> | Client Sample #: COMP 16 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-172</u> | Client Sample #: COMP 17 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-173</u> | Client Sample #: COMP 19 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-174</u> | Client Sample #: COMP 20 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-175</u> | Client Sample #: COMP 22 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/23/2016 | Site: | |
| Sample #: <u>371006-176</u> | Client Sample #: COMP 17 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

QCBatchID: **QC1168612**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/24/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168612MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

QCBatchID: **QC1168612**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/24/2016

Instrument: VOA-MS (group)

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168612MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168612LCS1, QC1168612LCSD1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | 50 | 49 | 49 | ug/Kg | 98 | 98 | 0 | 59-172 | 22 | |
| Benzene | 50 | 50 | 51 | 50 | ug/Kg | 102 | 100 | 2 | 62-137 | 24 | |
| Chlorobenzene | 50 | 50 | 43 | 48 | ug/Kg | 86 | 96 | 11 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | 50 | 50 | 49 | 48 | ug/Kg | 98 | 96 | 2 | 62-137 | 21 | |
| Toluene | 50 | 50 | 44 | 47 | ug/Kg | 88 | 94 | 7 | 59-139 | 21 | |
| Trichloroethene | 50 | 50 | 40 | 44 | ug/Kg | 80 | 88 | 10 | 66-142 | 21 | |

QCBatchID: **QC1168628**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/24/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168628MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.38 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 0.29 | 5 | |
| 1,1-Dichloroethane | ND | ug/L | 0.32 | 5 | |
| 1,1-Dichloroethene | ND | ug/L | 0.3 | 5 | |
| 1,1-Dichloropropene | ND | ug/L | 0.25 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.28 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.16 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.27 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 0.12 | 5 | |
| 1,2-Dibromoethane | ND | ug/L | 0.19 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.26 | 5 | |
| 1,2-Dichloroethane | ND | ug/L | 0.2 | 5 | |
| 1,2-Dichloropropane | ND | ug/L | 0.36 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.24 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.34 | 5 | |
| 1,3-Dichloropropane | ND | ug/L | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.43 | 5 | |
| 2,2-Dichloropropane | ND | ug/L | 0.32 | 5 | |
| 2-Butanone (MEK) | ND | ug/L | 0.78 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/L | 0.23 | 10 | |
| 2-Chlorotoluene | ND | ug/L | 0.33 | 5 | |
| 4-Chlorotoluene | ND | ug/L | 0.31 | 5 | |
| 4-Isopropyltoluene | ND | ug/L | 0.32 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 0.12 | 5 | |
| Acetone | ND | ug/L | 10 | 100 | |
| Allyl Chloride | ND | ug/L | 0.19 | 5 | |
| Benzene | ND | ug/L | 0.18 | 1 | |
| Bromobenzene | ND | ug/L | 0.53 | 5 | |
| Bromochloromethane | ND | ug/L | 0.17 | 5 | |
| Bromodichloromethane | ND | ug/L | 0.31 | 5 | |
| Bromoform | ND | ug/L | 0.13 | 5 | |
| Bromomethane | ND | ug/L | 0.68 | 5 | |
| Carbon Tetrachloride | ND | ug/L | 0.27 | 5 | |
| Chlorobenzene | ND | ug/L | 0.19 | 5 | |
| Chlorodibromomethane | ND | ug/L | 0.21 | 5 | |
| Chloroethane | ND | ug/L | 0.45 | 5 | |
| Chloroform | ND | ug/L | 0.18 | 5 | |
| Chloromethane | ND | ug/L | 0.27 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/L | 0.27 | 5 | |
| cis-1,3-dichloropropene | ND | ug/L | 0.25 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Dibromomethane | ND | ug/L | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/L | 0.33 | 5 | |
| Ethylbenzene | ND | ug/L | 0.21 | 5 | |
| Hexachlorobutadiene | ND | ug/L | 0.51 | 5 | |
| Isopropylbenzene | ND | ug/L | 0.24 | 5 | |
| m and p-Xylene | ND | ug/L | 0.45 | 5 | |

| | | |
|-----------------------------|-----------------------------|-----------------------------------|
| QCBatchID: QC1168628 | Analyst: Lucy | Method: EPA 8260B |
| Matrix: Water | Analyzed: 06/24/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168628MB1 | | | | | |
| Methylene chloride | ND | ug/L | 0.16 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 0.19 | 1 | |
| Naphthalene | ND | ug/L | 0.25 | 5 | |
| N-butylbenzene | ND | ug/L | 0.25 | 5 | |
| N-propylbenzene | ND | ug/L | 0.31 | 5 | |
| o-Xylene | ND | ug/L | 0.29 | 5 | |
| Sec-butylbenzene | ND | ug/L | 0.32 | 5 | |
| Styrene | ND | ug/L | 0.22 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/L | 5.2 | 10 | |
| Tert-butylbenzene | ND | ug/L | 0.4 | 5 | |
| Tetrachloroethene | ND | ug/L | 0.18 | 5 | |
| Toluene | ND | ug/L | 0.24 | 5 | |
| trans-1,2-dichloroethene | ND | ug/L | 0.33 | 5 | |
| trans-1,3-dichloropropene | ND | ug/L | 0.23 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Trichloroethene | ND | ug/L | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/L | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/L | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/L | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168628LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 47 | | ug/L | 94 | | | 59-172 | | |
| Benzene | 50 | | 49 | | ug/L | 98 | | | 62-137 | | |
| Chlorobenzene | 50 | | 50 | | ug/L | 100 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 39 | | ug/L | 78 | | | 62-137 | | |
| Toluene | 50 | | 57 | | ug/L | 114 | | | 59-139 | | |
| Trichloroethene | 50 | | 56 | | ug/L | 112 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168628MS1, QC1168628MSD1 | | | | | | | | | | | | |
| Source: 370988-001 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 49 | 51 | ug/L | 98 | 102 | 4.0 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 47 | 49 | ug/L | 94 | 98 | 4.2 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 52 | 50 | ug/L | 104 | 100 | 3.9 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 46 | 42 | ug/L | 92 | 84 | 9.1 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 56 | 55 | ug/L | 112 | 110 | 1.8 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 53 | 53 | ug/L | 106 | 106 | 0.0 | 66-142 | 21 | |

| | | |
|-------------------------------------|-----------------------------|-----------------------------------|
| QC BatchID: QC1168635 | Analyst: ttran | Method: EPA 8015B |
| Matrix: Water | Analyzed: 06/24/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-----|-----|-------|
| QC1168635MB1 | | | | | |
| TPH Gasoline | ND | ug/L | 6.6 | 50 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168635LCS1, QC1168635LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 500 | 500 | 431 | 441 | ug/L | 86 | 88 | 2 | 70-130 | 30 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168654</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-----|-------|
| QC1168654MB1 | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168654LCS1, QC1168654LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.31 | 4.37 | mg/Kg | 86 | 87 | 1 | 70-130 | 20 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168664</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 06/28/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|------|-------|
| QC1168664MB1 | | | | | |
| Mercury | ND | mg/Kg | 0.02 | 0.14 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168664LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.82 | | mg/Kg | 99 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168664MS1, QC1168664MSD1 | | | | | | | | | | | | |
| Mercury | 0.08 | 0.83 | 0.83 | 0.86 | 0.89 | mg/Kg | 94 | 98 | 3.4 | 75-125 | 20 | Source: 371033-001 |

QCBatchID: **QC1168674**

Analyst: jeannynguye

Method: EPA 6010B

Matrix: Solid

Analyzed: 06/29/2016

Instrument: AAICP (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168674MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Calcium | ND | mg/Kg | 0.94 | 50 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | ND | mg/Kg | 0.31 | 1 | |
| Iron | ND | mg/Kg | 0.4 | 5 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Potassium | 58.3 | mg/Kg | 3.07 | 50 | B |
| Selenium | ND | mg/Kg | 0.72 | 1 | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168674LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Arsenic | 200 | | 173 | | mg/Kg | 87 | | | 80-120 | | |
| Barium | 200 | | 184 | | mg/Kg | 92 | | | 80-120 | | |
| Beryllium | 200 | | 170 | | mg/Kg | 85 | | | 80-120 | | |
| Cadmium | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Chromium | 200 | | 188 | | mg/Kg | 94 | | | 80-120 | | |
| Cobalt | 200 | | 186 | | mg/Kg | 93 | | | 80-120 | | |
| Copper | 200 | | 165 | | mg/Kg | 83 | | | 80-120 | | |
| Lead | 200 | | 187 | | mg/Kg | 94 | | | 80-120 | | |
| Molybdenum | 200 | | 190 | | mg/Kg | 95 | | | 80-120 | | |
| Nickel | 200 | | 181 | | mg/Kg | 91 | | | 80-120 | | |
| Selenium | 200 | | 167 | | mg/Kg | 84 | | | 80-120 | | |
| Silver | 100 | | 90.6 | | mg/Kg | 91 | | | 80-120 | | |
| Thallium | 200 | | 188 | | mg/Kg | 94 | | | 80-120 | | |
| Vanadium | 200 | | 173 | | mg/Kg | 87 | | | 80-120 | | |
| Zinc | 200 | | 188 | | mg/Kg | 94 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168674MS1, QC1168674MSD1 | | | | | | | | | | | | |
| Source: 370899-001 | | | | | | | | | | | | |
| Antimony | 9.44 | 100 | 100 | 73.8 | 72.7 | mg/Kg | 64 | 63 | 1.5 | 75-125 | 20 | M |
| Arsenic | ND | 100 | 100 | 109 | 105 | mg/Kg | 109 | 105 | 3.7 | 75-125 | 20 | |
| Barium | 481 | 100 | 100 | 610 | 618 | mg/Kg | 129 | 137 | 1.3 | 75-125 | 20 | NC |
| Beryllium | ND | 100 | 100 | 102 | 103 | mg/Kg | 102 | 103 | 1.0 | 75-125 | 20 | |
| Cadmium | 33.4 | 100 | 100 | 110 | 110 | mg/Kg | 77 | 77 | 0.0 | 75-125 | 20 | |
| Chromium | 467 | 100 | 100 | 225 | 228 | mg/Kg | 0 | 0 | 1.3 | 75-125 | 20 | NC |

QC Batch ID: **QC1168674**

Analyst: jeannynguye

Method: EPA 6010B

Matrix: Solid

Analyzed: 06/29/2016

Instrument: AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168674MS1, QC1168674MSD1 | | | | | | | | | | | Source: 370899-001 | |
| Cobalt | 8.57 | 100 | 100 | 111 | 108 | mg/Kg | 102 | 99 | 2.7 | 75-125 | 20 | |
| Copper | 291 | 100 | 100 | 605 | 356 | mg/Kg | 314 | 65 | 51.8 | 75-125 | 20 | M |
| Lead | 40.8 | 100 | 100 | 136 | 160 | mg/Kg | 95 | 119 | 16.2 | 75-125 | 20 | |
| Molybdenum | 14.8 | 100 | 100 | 121 | 115 | mg/Kg | 106 | 100 | 5.1 | 75-125 | 20 | |
| Nickel | 69.0 | 100 | 100 | 172 | 159 | mg/Kg | 103 | 90 | 7.9 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 92.5 | 92.0 | mg/Kg | 105 | 104 | 0.5 | 75-125 | 20 | |
| Silver | ND | 50 | 50 | 185 | 151 | mg/Kg | 379 | 311 | 20.2 | 75-125 | 20 | M |
| Thallium | 0.49 | 100 | 100 | 94.9 | 92.2 | mg/Kg | 94 | 92 | 2.9 | 75-125 | 20 | |
| Vanadium | 20.0 | 100 | 100 | 125 | 122 | mg/Kg | 105 | 102 | 2.4 | 75-125 | 20 | |
| Zinc | 892 | 100 | 100 | 742 | 758 | mg/Kg | 0 | 0 | 2.1 | 75-125 | 20 | NC |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168675</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168675MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168675LCS1 | | | | | | | | | | | |
| Lead | 200 | | 206 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168675MS1, QC1168675MSD1 | | | | | | | | | | | | |
| Lead | 84.7 | 100 | 100 | 177 | 184 | mg/Kg | 92 | 99 | 3.9 | 75-125 | 20 | Source: 371006-107 |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1168676 | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168676MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | 1.05 | mg/Kg | 0.31 | 1 | B |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Selenium | ND | mg/Kg | 0.72 | 1 | |
| Silver | 0.77 | mg/Kg | 0.13 | 0.5 | B |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168676LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 232 | | mg/Kg | 116 | | | 80-120 | | |
| Arsenic | 200 | | 213 | | mg/Kg | 107 | | | 80-120 | | |
| Barium | 200 | | 223 | | mg/Kg | 112 | | | 80-120 | | |
| Beryllium | 200 | | 214 | | mg/Kg | 107 | | | 80-120 | | |
| Cadmium | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Chromium | 200 | | 234 | | mg/Kg | 117 | | | 80-120 | | |
| Cobalt | 200 | | 228 | | mg/Kg | 114 | | | 80-120 | | |
| Copper | 200 | | 203 | | mg/Kg | 102 | | | 80-120 | | |
| Lead | 200 | | 226 | | mg/Kg | 113 | | | 80-120 | | |
| Molybdenum | 200 | | 229 | | mg/Kg | 115 | | | 80-120 | | |
| Nickel | 200 | | 224 | | mg/Kg | 112 | | | 80-120 | | |
| Selenium | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Silver | 100 | | 100 | | mg/Kg | 100 | | | 80-120 | | |
| Thallium | 200 | | 221 | | mg/Kg | 111 | | | 80-120 | | |
| Vanadium | 200 | | 214 | | mg/Kg | 107 | | | 80-120 | | |
| Zinc | 200 | | 227 | | mg/Kg | 114 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168676MS1, QC1168676MSD1 | | | | | | | | | | | | |
| Source: 371006-026 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 41.4 | 47.3 | mg/Kg | 43 | 49 | 13.3 | 75-125 | 20 | M |
| Arsenic | 5.18 | 100 | 100 | 108 | 111 | mg/Kg | 103 | 106 | 2.7 | 75-125 | 20 | |
| Barium | 140 | 100 | 100 | 232 | 241 | mg/Kg | 92 | 101 | 3.8 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 101 | 102 | mg/Kg | 104 | 105 | 1.0 | 75-125 | 20 | |
| Cadmium | 0.50 | 100 | 100 | 93.7 | 93.5 | mg/Kg | 93 | 93 | 0.2 | 75-125 | 20 | |
| Chromium | 19.2 | 100 | 100 | 125 | 122 | mg/Kg | 106 | 103 | 2.4 | 75-125 | 20 | |
| Cobalt | 12.5 | 100 | 100 | 116 | 114 | mg/Kg | 104 | 102 | 1.7 | 75-125 | 20 | |
| Copper | 18.0 | 100 | 100 | 116 | 116 | mg/Kg | 98 | 98 | 0.0 | 75-125 | 20 | |
| Lead | 20.1 | 100 | 100 | 120 | 122 | mg/Kg | 100 | 102 | 1.7 | 75-125 | 20 | |

QCBatchID: QC1168676**Analyst:** jeannynguye**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 06/29/2016**Instrument:** AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168676MS1, QC1168676MSD1 | | | | | | | | | | | Source: 371006-026 | |
| Molybdenum | 0.50 | 100 | 100 | 101 | 104 | mg/Kg | 101 | 104 | 2.9 | 75-125 | 20 | |
| Nickel | 12.3 | 100 | 100 | 113 | 112 | mg/Kg | 101 | 100 | 0.9 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 89.9 | 91.9 | mg/Kg | 96 | 98 | 2.2 | 75-125 | 20 | |
| Silver | ND | 50 | 50 | 44.2 | 42.8 | mg/Kg | 95 | 93 | 3.2 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 92.3 | 93.7 | mg/Kg | 95 | 97 | 1.5 | 75-125 | 20 | |
| Vanadium | 44.3 | 100 | 100 | 141 | 144 | mg/Kg | 97 | 100 | 2.1 | 75-125 | 20 | |
| Zinc | 95.1 | 100 | 100 | 195 | 190 | mg/Kg | 100 | 95 | 2.6 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168682</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168682MB1 | | | | | |
| Lead | 0.47 J | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168682LCS1 | | | | | | | | | | | |
| Lead | 200 | | 233 | | mg/Kg | 117 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168682MS1, QC1168682MSD1 | | | | | | | | | | | | |
| Lead | 131 | 100 | 100 | 226 | 217 | mg/Kg | 95 | 86 | 4.1 | 75-125 | 20 | Source: 371006-159 |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168685</u> | Analyst: JParedes | Method: EPA 7470A |
| Matrix: Water | Analyzed: 06/29/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168685MB1 | | | | | |
| Mercury | ND | ug/L | 0.05 | 0.4 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168685LCS1 | | | | | | | | | | | |
| Mercury | 5 | | 5.62 | | ug/L | 112 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168685MS1, QC1168685MSD1 | | | | | | | | | | | | |
| Mercury | 0.19 | 5 | 5 | 5.70 | 5.69 | ug/L | 106 | 106 | 0.2 | 75-125 | 20 | Source: 371006-162 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168702</u> | Analyst: kedy | Method: EPA 6020 |
| Matrix: Water | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168702MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168702LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 45.8 | | ug/L | 92 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168702MS1, QC1168702MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 46.3 | 48.6 | ug/L | 93 | 97 | 4.8 | 75-125 | 20 | Source: 370943-076 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168704</u> | Analyst: mhuc | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168704MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168704LCS1 | | | | | | | | | | | |
| Arsenic | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168704MS1, QC1168704MSD1 | | | | | | | | | | | | |
| Arsenic | 4.53 | 100 | 100 | 96.9 | 86.0 | mg/Kg | 92 | 81 | 11.9 | 75-125 | 20 | Source: 371006-001 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168706</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168706MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168706LCS1 | | | | | | | | | | | |
| Arsenic | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168706MS1, QC1168706MSD1 | | | | | | | | | | | | |
| Arsenic | 5.57 | 100 | 100 | 96.9 | 104 | mg/Kg | 91 | 98 | 7.1 | 75-125 | 20 | Source: 371006-063 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168708</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168708MB1 | | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168708LCS1 | | | | | | | | | | | |
| Arsenic | 200 | | 222 | | mg/Kg | 111 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168708MS1, QC1168708MSD1 | | | | | | | | | | | | |
| Arsenic | 2.52 | 200 | 200 | 181 | 201 | mg/Kg | 89 | 99 | 10.5 | 75-125 | 20 | Source: 371006-131 |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1168717 | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Water | Analyzed: 06/30/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-------|-------|
| QC1168717MB1 | | | | | |
| Antimony | ND | mg/L | 0.016 | 0.02 | |
| Arsenic | ND | mg/L | 0.004 | 0.01 | |
| Barium | ND | mg/L | 0.001 | 0.01 | |
| Beryllium | ND | mg/L | 0.001 | 0.005 | |
| Cadmium | ND | mg/L | 0.001 | 0.005 | |
| Chromium | ND | mg/L | 0.002 | 0.01 | |
| Cobalt | ND | mg/L | 0.001 | 0.005 | |
| Copper | ND | mg/L | 0.001 | 0.01 | |
| Lead | ND | mg/L | 0.004 | 0.005 | |
| Molybdenum | ND | mg/L | 0.002 | 0.01 | |
| Nickel | ND | mg/L | 0.001 | 0.02 | |
| Selenium | ND | mg/L | 0.004 | 0.01 | |
| Silver | ND | mg/L | 0.001 | 0.005 | |
| Thallium | ND | mg/L | 0.003 | 0.005 | |
| Vanadium | ND | mg/L | 0.003 | 0.005 | |
| Zinc | ND | mg/L | 0.002 | 0.02 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168717LCS1 | | | | | | | | | | | |
| Antimony | 2 | | 2.12 | | mg/L | 106 | | | 80-120 | | |
| Arsenic | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Barium | 2 | | 2.11 | | mg/L | 106 | | | 80-120 | | |
| Beryllium | 2 | | 1.90 | | mg/L | 95 | | | 80-120 | | |
| Cadmium | 2 | | 2.13 | | mg/L | 107 | | | 80-120 | | |
| Chromium | 2 | | 2.06 | | mg/L | 103 | | | 80-120 | | |
| Cobalt | 2 | | 2.08 | | mg/L | 104 | | | 80-120 | | |
| Copper | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Lead | 2 | | 1.92 | | mg/L | 96 | | | 80-120 | | |
| Molybdenum | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Nickel | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Selenium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Silver | 1 | | 0.989 | | mg/L | 99 | | | 80-120 | | |
| Thallium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Vanadium | 2 | | 2.04 | | mg/L | 102 | | | 80-120 | | |
| Zinc | 2 | | 2.03 | | mg/L | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | | |
| Source: 371006-162 | | | | | | | | | | | | |
| Antimony | ND | 1 | 1 | 1.03 | 1.06 | mg/L | 103 | 106 | 2.9 | 75-125 | 20 | |
| Arsenic | 0.007 | 1 | 1 | 0.950 | 0.991 | mg/L | 94 | 98 | 4.2 | 75-125 | 20 | |
| Barium | ND | 1 | 1 | 1.08 | 1.11 | mg/L | 108 | 111 | 2.7 | 75-125 | 20 | |
| Beryllium | ND | 1 | 1 | 0.993 | 1.01 | mg/L | 99 | 101 | 1.7 | 75-125 | 20 | |
| Cadmium | ND | 1 | 1 | 1.08 | 1.10 | mg/L | 108 | 110 | 1.8 | 75-125 | 20 | |
| Chromium | ND | 1 | 1 | 1.05 | 1.07 | mg/L | 105 | 107 | 1.9 | 75-125 | 20 | |
| Cobalt | ND | 1 | 1 | 1.07 | 1.09 | mg/L | 107 | 109 | 1.9 | 75-125 | 20 | |
| Copper | 0.007 | 1 | 1 | 0.983 | 1.00 | mg/L | 98 | 99 | 1.7 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 1.01 | 1.05 | mg/L | 101 | 105 | 3.9 | 75-125 | 20 | |

QC Batch ID: **QC1168717**

Analyst: jeannynguye

Method: EPA 6010B

Matrix: Water

Analyzed: 06/30/2016

Instrument: AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | Source: 371006-162 | |
| Molybdenum | 0.004 | 1 | 1 | 1.03 | 1.04 | mg/L | 103 | 104 | 1.0 | 75-125 | 20 | |
| Nickel | ND | 1 | 1 | 0.999 | 1.02 | mg/L | 100 | 102 | 2.1 | 75-125 | 20 | |
| Selenium | ND | 1 | 1 | 0.915 | 0.949 | mg/L | 92 | 95 | 3.6 | 75-125 | 20 | |
| Silver | ND | 0.5 | 0.5 | 0.487 | 0.495 | mg/L | 97 | 99 | 1.6 | 75-125 | 20 | |
| Thallium | 0.005 | 1 | 1 | 0.992 | 1.03 | mg/L | 99 | 103 | 3.8 | 75-125 | 20 | |
| Vanadium | ND | 1 | 1 | 1.06 | 1.05 | mg/L | 106 | 105 | 0.9 | 75-125 | 20 | |
| Zinc | 0.009 | 1 | 1 | 1.02 | 1.05 | mg/L | 101 | 104 | 2.9 | 75-125 | 20 | |

QCBatchID: **QC1168721**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/30/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168721MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

| | | |
|-----------------------------|-----------------------------|-----------------------------------|
| QCBatchID: QC1168721 | Analyst: nicollez | Method: EPA 8260B |
| Matrix: Solid | Analyzed: 06/30/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168721MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168721LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 56 | | ug/Kg | 112 | | | 59-172 | | |
| Benzene | 50 | | 50 | | ug/Kg | 100 | | | 62-137 | | |
| Chlorobenzene | 50 | | 51 | | ug/Kg | 102 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 53 | | ug/Kg | 106 | | | 62-137 | | |
| Toluene | 50 | | 49 | | ug/Kg | 98 | | | 59-139 | | |
| Trichloroethene | 50 | | 50 | | ug/Kg | 100 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168721MS1, QC1168721MSD1 | | | | | | | | | | | | |
| Source: 371006-070 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 48 | 47 | ug/Kg | 96 | 94 | 2.1 | 59-172 | 22 | |
| Benzene | 0.41 | 50 | 50 | 49 | 47 | ug/Kg | 97 | 93 | 4.2 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 49 | 48 | ug/Kg | 98 | 96 | 2.1 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 53 | 51 | ug/Kg | 106 | 102 | 3.8 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 46 | 46 | ug/Kg | 92 | 92 | 0.0 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 45 | 45 | ug/Kg | 90 | 90 | 0.0 | 66-142 | 21 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168722</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/30/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-----|-------|
| QC1168722MB1 | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168722LCS1, QC1168722LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.67 | 4.67 | mg/Kg | 93 | 93 | 0 | 70-130 | 20 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168844</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 07/06/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|------|-------|
| QC1168844MB1 | | | | | |
| Mercury | ND | mg/Kg | 0.02 | 0.14 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168844LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.81 | | mg/Kg | 98 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168844MS1, QC1168844MSD1 | | | | | | | | | | | | |
| Mercury | 0.09 | 0.83 | 0.83 | 0.80 | 0.85 | mg/Kg | 86 | 92 | 6.1 | 75-125 | 20 | Source: 371006-083 |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1169005 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 07/12/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169005MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169005LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 228 | | mg/Kg | 114 | | | 80-120 | | |
| Arsenic | 200 | | 189 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Beryllium | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Cadmium | 200 | | 199 | | mg/Kg | 100 | | | 80-120 | | |
| Chromium | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Cobalt | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Copper | 200 | | 203 | | mg/Kg | 102 | | | 80-120 | | |
| Lead | 200 | | 197 | | mg/Kg | 99 | | | 80-120 | | |
| Molybdenum | 200 | | 189 | | mg/Kg | 95 | | | 80-120 | | |
| Nickel | 200 | | 188 | | mg/Kg | 94 | | | 80-120 | | |
| Selenium | 200 | | 180 | | mg/Kg | 90 | | | 80-120 | | |
| Silver | 100 | | 89.9 | | mg/Kg | 90 | | | 80-120 | | |
| Thallium | 200 | | 193 | | mg/Kg | 97 | | | 80-120 | | |
| Vanadium | 200 | | 191 | | mg/Kg | 96 | | | 80-120 | | |
| Zinc | 200 | | 190 | | mg/Kg | 95 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169005MS1, QC1169005MSD1 | | | | | | | | | | | Source: 371006-057 | |
| Antimony | ND | 100 | 100 | 27.8 | 31.5 | mg/Kg | 28 | 32 | 12.5 | 75-125 | 20 | M |
| Arsenic | 5.35 | 100 | 100 | 90.5 | 104 | mg/Kg | 85 | 99 | 13.9 | 75-125 | 20 | |
| Barium | 107 | 100 | 100 | 195 | 210 | mg/Kg | 88 | 103 | 7.4 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 91.6 | 99.7 | mg/Kg | 93 | 102 | 8.5 | 75-125 | 20 | |
| Cadmium | ND | 100 | 100 | 89.9 | 103 | mg/Kg | 90 | 103 | 13.6 | 75-125 | 20 | |
| Chromium | 13.7 | 100 | 100 | 99.6 | 114 | mg/Kg | 86 | 100 | 13.5 | 75-125 | 20 | |
| Cobalt | 9.02 | 100 | 100 | 94.0 | 108 | mg/Kg | 85 | 99 | 13.9 | 75-125 | 20 | |
| Copper | 16.0 | 100 | 100 | 115 | 124 | mg/Kg | 99 | 108 | 7.5 | 75-125 | 20 | |
| Lead | 40.6 | 100 | 100 | 124 | 136 | mg/Kg | 83 | 95 | 9.2 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169005</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 07/12/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169005MS1, QC1169005MSD1 | | | | | | | | | | | Source: 371006-057 | |
| Molybdenum | ND | 100 | 100 | 82.2 | 94.9 | mg/Kg | 82 | 95 | 14.3 | 75-125 | 20 | |
| Nickel | 8.93 | 100 | 100 | 91.1 | 107 | mg/Kg | 82 | 98 | 16.1 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 78.0 | 90.2 | mg/Kg | 83 | 95 | 14.5 | 75-125 | 20 | |
| Silver | ND | 50 | 50 | 42.2 | 43.2 | mg/Kg | 84 | 86 | 2.3 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 78.7 | 90.6 | mg/Kg | 81 | 93 | 14.1 | 75-125 | 20 | |
| Vanadium | 31.9 | 100 | 100 | 118 | 128 | mg/Kg | 86 | 96 | 8.1 | 75-125 | 20 | |
| Zinc | 115 | 100 | 100 | 189 | 208 | mg/Kg | 74 | 93 | 9.6 | 75-125 | 20 | M |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1169018</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 07/13/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|------|-------|
| QC1169018MB1 | | | | | |
| Mercury | ND | mg/Kg | 0.02 | 0.14 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169018LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.84 | | mg/Kg | 101 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169018MS1, QC1169018MSD1 | | | | | | | | | | | | |
| Mercury | 0.05 | 0.83 | 0.83 | 0.83 | 0.86 | mg/Kg | 94 | 98 | 3.6 | 75-125 | 20 | Source: 371006-057 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **571006**

Page: **1** of **18**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviron.com

Address: 3777 Long Beach Boulevard

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street

Global ID: Los Angeles, CA

Sampled By:

Analysis Request

| | |
|-------------------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Arsenic (USEPA 6020) |
| <input checked="" type="checkbox"/> | Lead (USEPA 6010B) |
| <input type="checkbox"/> | OCP (8081A) |
| <input type="checkbox"/> | VOCs+oxys (USEPA 8260B/5035) |
| <input type="checkbox"/> | TPH-g (USEPA 8015M/5035) |
| <input type="checkbox"/> | TPH-d/o (USEPA 8015M) |
| <input type="checkbox"/> | PCBs (EPA Method 8082) |

Take 22 metals 6010 OK

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 | SS17-0.5 | 012316 | 0658 | Seal 1.5 liter | None | <input checked="" type="checkbox"/> | Archive & hold |
| 2 | SS17-1.5 | | 0659 | | | <input checked="" type="checkbox"/> | Archive & hold |
| 3 | SS17-2.5 | | 0700 | | | <input type="checkbox"/> | Archive & hold |
| 4 | SS20-0.5 | | 0658 | | | <input checked="" type="checkbox"/> | Archive & hold |
| 5 | SS20-1.5 | | 0700 | | | <input checked="" type="checkbox"/> | Archive & hold |
| 6 | SS20-2.5 | | 0702 | | | <input type="checkbox"/> | Archive & hold |
| 7 | SS19-0.5 | | 0705 | | | <input checked="" type="checkbox"/> | Archive & hold |
| 8 | SS19-0.5 Dup | | 0705 | | | <input checked="" type="checkbox"/> | Archive & hold |
| 9 | SS19-1.5 | | 0707 | | | <input type="checkbox"/> | Archive & hold |
| 10 | SS19-2.5 | | 0709 | | | <input type="checkbox"/> | Archive & hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 6/23 16/12 |
| <i>[Signature]</i> | C. Markert | | 6/23/12 16/12 |
| <i>[Signature]</i> | C. Markert | | 6/23/12 1753 |
| <i>[Signature]</i> | | ED | 6/23/12 17:53 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

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 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **371000**

Page: **2** of **18**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS21-0.5 | 6/23 | 0704 | Soil | 1x5 liter | None | XX | Archive & Hold |
| 2 SS21-1.5 | | 0707 | | | | | Archive & Hold |
| 3 SS21-2.5 | | 0708 | | | | | Archive & Hold |
| 4 SS18-0.5 | | 0715 | | | | XX | Archive & Hold |
| 5 SS18-1.5 | | 0710 | | | | | Archive & Hold |
| 6 SS18-2.5 | | 0714 | | | | | Archive & Hold |
| 7 SS22-0.5 | | 0712 | | | | XX | Archive & Hold |
| 8 SS22-1.5 | | 0714 | | | | | Archive & Hold |
| 9 SS22-2.5 | | 0714 | | | | | Archive & Hold |
| 10 SS23-0.5 | | 0722 | | | | XX | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/23/16 10:12 |
| <i>[Signature]</i> | C. Marshall | | 6/23/16 16:12 |
| <i>[Signature]</i> | C. Marshall | | 6/23/16 17:53 |
| <i>[Signature]</i> | Alta Environmental | | 6-23-16 17:53 |
| <i>[Signature]</i> | | | |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

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Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 57100C

Page: 3 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard:

2 Day:

4 Day:

3 Day:

1 Day:

Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenvirom.com

Address: 3777 Long Beach Boulevard

Address: Long Beach, CA 90807

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street

Address: Los Angeles, CA

Global ID:

Sampled By:

Analysis Request

Arsenic (USEPA 6020)

Lead (USEPA 6010B)

OCP (8081A)

VOCs+oxys (USEPA 8260B/5035)

TPH-g (USEPA 8015M/5035)

TPH-d/o (USEPA 8015M)

PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 | 5/23-1.5 | 6123 | 6723 | Soil | 1x5L | None | | | | | | | Hold & Archive |
| 2 | 5/23-2.5 | | 6724 | | | | | | | | | | Hold & Archive |
| 3 | 5/13-0.5 | | 0729 | | | XX | | | | | | | Hold & Archive |
| 4 | 5/13-1.5 | | 0730 | | | XX | | | | | | | Hold & Archive |
| 5 | 5/13-2.5 | | 0731 | | | | | | | | | | Hold & Archive |
| 6 | 5/16-0.5 | | 0735 | | | XX | | | | | | | Archive & Hold |
| 7 | 5/16-1.5 | | 0737 | | | | | | | | | | Archive & Hold |
| 8 | 5/16-2.5 | | 0738 | | | | | | | | | | Archive & Hold |
| 9 | 5/12-0.5 | | 0740 | | | XX | | | | | | | Archive & Hold |
| 10 | 5/12-0.5 | | 0740 | | | XX | | | | | | | Archive & Hold |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|---------------|-----------------|---------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | Alt | 6/25 10/12 |
| 1 Received By: | <i>[Signature]</i> | C. MARRAS | | 6/23/16 16/12 |
| 2 Relinquished By: | <i>[Signature]</i> | L. MARRAS | | 6/23/16 17:53 |
| 2 Received By: | <i>[Signature]</i> | Albert Vargas | ED | 6-23-16 17:53 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

PROJECT INFORMATION

Chain of Custody Record
 Lab No: 37006
 Page: 4 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: X
 4 Day:
 1 Day:
 Same Day:
 Turn Around Time (Rush by advanced notice only)

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 6/23 | 0741 | Soil | 1x5oz | Not | | Archive & hold |
| 2 | 6/23 | 0742 | Soil | 1x5oz | Not | | Archive & hold |
| 3 | 6/23 | 0743 | Soil | 1x5oz | Not | | Archive & hold |
| 4 | 6/23 | 0749 | Soil | 1x5oz | Not | | Archive & hold |
| 5 | 6/23 | 0750 | Soil | 1x5oz | Not | | Archive & hold |
| 6 | 6/23 | 0752 | Soil | 1x5oz | Not | | Archive & hold |
| 7 | 6/23 | 0753 | Soil | 1x5oz | Not | | Archive & hold |
| 8 | 6/23 | 0755 | Soil | 1x5oz | Not | | Archive & hold |
| 9 | 6/23 | 0758 | Soil | 1x5oz | Not | | Archive & hold |
| 10 | 6/23 | 0800 | Soil | 1x5oz | Not | | Archive & hold |

Signature

1 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 2 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 3 Relinquished By: *[Signature]*
 Received By: *[Signature]*

Print Name

1 Eric Fraske
 Received By: C. Marlett
 2 C. Marlett
 Received By: Albert Vargas
 3 Albert Vargas

Company / Title

1 Alta Environmental
 Received By: C. Marlett
 2 Alta Environmental
 Received By: Albert Vargas
 3 Alta Environmental

Date / Time

1 6/23/16 1612
 Received By: 6/23/16 1753
 2 6/23/16 1753
 Received By: 6/23/16 1753
 3 6/23/16 1753

ENTHALPHY ANALYTICAL, INC.

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c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

37100c

Page:

5

of

18

2 Day:

Turn Around Time (Rush by advanced notice only)

Standard:

X

4 Day:

3 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid Seaw = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name:

Jefferson High School

Report To: Eric Fraske

Number:

LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address:

1319 E. 41st Street

Long Beach, CA 90807

Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------------------|------------------------------|
| 1 | SS15-2.5 | 06123 | 0802 | Soil 1x10cm | Non | Arsenic (USEPA 6020) | Archive & hold |
| 2 | SS10-0.5 | 0804 | 0805 | 1 | XX | Lead (USEPA 6010B) | Archive & hold |
| 3 | SS10-1.5 | 0806 | 0812 | 1 | XX | OCP (8081A) | Archive & hold |
| 4 | SS10-2.5 | 0812 | 0813 | 1 | XX | VOCs+oxys (USEPA 8260B/5035) | Archive & hold |
| 5 | SS8-0.5 | 0814 | 0815 | 1 | XX | TPH-g (USEPA 8015M/5035) | Archive & hold |
| 6 | SS8-1.5 | 0816 | 0817 | 1 | XX | TPH-d/o (USEPA 8015M) | Archive & hold |
| 7 | SS8-2.5 | 0817 | | 1 | XX | PCBs (EPA Method 8082) | Archive & hold |
| 8 | SS9-0.5 | 0817 | | 1 | XX | | Archive & hold |
| 9 | SS9-1.5 | 0817 | | 1 | XX | | Archive & hold |
| 10 | SS9-2.5 | 0817 | | 1 | XX | | Archive & hold |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

2 Relinquished By:

3 Relinquished By:

Received By:

Received By:

Received By:

Eric Fraske

Eric Fraske

Eric Fraske

Eric Fraske

Eric Fraske

Eric Fraske

ERIC FRASKE

ERIC FRASKE

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Alta Env

Alta Env

082316 1602

082316 1612

082316 1753

082316 1753

082316 1753

082316 1753

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

PROJECT INFORMATION

Chain of Custody Record
 Lab No: 37100G
 Page: 6 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | | | |
|-----------|---|--------|--|-----------|--|
| Standard: | X | 4 Day: | | 3 Day: | |
| 2 Day: | | 1 Day: | | Same Day: | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)
 Title 22 metals 60105

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 5/26 - 0.5 | 6/23 | Soil | 500ml 1500ml | | XXXX | Archive & Hold |
| 2 | 5/26 - 1.5 | 0833 | Soil | 1500ml | | XXXX | Archive & Hold |
| 3 | 5/26 - 2.5 | 0834 | Soil | 1500ml | | XXXX | Archive & Hold |
| 4 | 5/27 - 0.5 | 0838 | Soil | 1500ml | | XXXX | Archive & Hold |
| 5 | 5/27 - 1.5 | 0840 | Soil | 1500ml | | XXXX | Archive & Hold |
| 6 | 5/27 - 2.5 | 0841 | Soil | 1500ml | | XXXX | Archive & Hold |
| 7 | 5/29 - 0.5 | 0830 | Soil | 1500ml | | XXXX | Archive & Hold |
| 8 | 5/29 - 1.5 | 0831 | Soil | 1500ml | | XXXX | Archive & Hold |
| 9 | 5/29 - 2.5 | 0832 | Soil | 1500ml | | XXXX | Archive & Hold |
| 10 | 5/29 - 0.5 | 0834 | Soil | 1500ml | | XXXX | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 6/23/16 16:12 |
| <i>[Signature]</i> | L. Marshall | EA | 6/23/16 17:55 |
| <i>[Signature]</i> | Alta Services | | 6-23-16 17:53 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 371005
 Page: 7 of 12

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|-----------|--------|
| Standard: | X | 4 Day: | 3 Day: |
| 1 Day: | | Same Day: | |

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)
 Title 22 metals 6010B

Test Instructions / Comments

Preservatives: 1 = Na2S2O3 2 = HCl 3 = HNO3
 4 = H2SO4 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 | 5/28 | 0835 | soil | 15 liter | | | | | | | | | Archive & Hold |
| 2 | 5/28 | 0834 | | 15 liter | | | | | | | | | Archive & Hold |
| 3 | 5/28 | 0929 | | | | | | | | | | | Archive & Hold |
| 4 | 5/28 | 0930 | | | | | | | | | | | Archive & Hold |
| 5 | 5/28 | 0931 | | | | | | | | | | | Archive & Hold |
| 6 | 5/28 | 0925 | | | | | | | | | | | Archive & Hold |
| 7 | 5/28 | 0926 | | | | | | | | | | | Archive & Hold |
| 8 | 5/28 | 0926 | | | | | | | | | | | Archive & Hold |
| 9 | 5/28 | 0852 | | 5 liter | | | | | | | | | No As sample EP |
| 10 | 5/28 | 0852 | | 15 liter | | | | | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | ALT | 6/23 1612 |
| <i>[Signature]</i> | L. Marshall | | 6/23/12 1612 |
| <i>[Signature]</i> | Mark Logan | EA | 6-23-12 1753 |
| <i>[Signature]</i> | | | 6-23-12 1753 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 37100G

Page: 8 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|-----------|--------|
| Standard: | X | 4 Day: | 3 Day: |
| 1 Day: | | Same Day: | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Title 22 metals 6010 |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------------|
| 1 | 6/23 | 0854 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 2 | 6/23 | 0855 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 3 | 6/23 | 1015 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 4 | 6/23 | 1016 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 5 | 6/23 | 1017 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 6 | 6/23 | 1010 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 7 | 6/23 | 1011 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 8 | 6/23 | 1012 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 9 | 6/23 | 1016 | Soil | 1500ml | | | | | | | | | Archive & Hold |
| 10 | 6/23 | 1016 | Soil | 1500ml | | | | | | | | | No Metal Golo analysis as per 6020 |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 6/25 1612 |
| <i>[Signature]</i> | C. Marshall | | 6/23/16 1753 |
| <i>[Signature]</i> | Albert Vargas | | 6/23/16 1753 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenvirom.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Chain of Custody Record

Lab No: 37100G
 Page: 9 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)
 Title 22 metals 6010

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 9567-1.5 | 6/23/16 | 1017 | Soil | 1 Size 2 | | | | | | | | | Archive & Hold |
| 2 4 -2.5 | | 1018 | | 5 jar 1.5 liter | | | | | | | | | Archive & Hold |
| 3 5568-0.5 | | 1020 | | 1 Size 2 | | X | | | | | | | Archive & Hold |
| 4 1 -1.5 | | 1021 | | 1 Size 2 | | | | | | | | | Archive & Hold |
| 5 4 -2.5 | | 1022 | | | | | | | | | | | Archive & Hold |
| 6 5567-1.5 | | 1024 | | | | | | | | | | | Archive & Hold |
| 7 1 -5.5 | | 1025 | | | | | | | | | | | Archive & Hold |
| 8 4 -10.5 | | 1026 | | 5 var 1.5 liter | | | | | | | | | Archive & Hold |
| 9 5551-0.5 | | 1034 | | 1 Size 2 | | X | | | | | | | Archive & Hold |
| 10 1 -1.5 | | 1035 | | | | X | | | | | | | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|-------------|--------------|-----------------|--------------|
| [Signature] | ERIC FRASKE | Alt | 6/23/16 1612 |
| [Signature] | C. Marshall | | 6/23/16 1512 |
| [Signature] | Albert Lopez | EA | 6/23/16 1753 |
| [Signature] | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 37100C
 Page: 10 of 18

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|-------------------------|-------|------------------|------------------------------|
| SS51-2.5 | 6/23/16 | 1037 | Soil | 1 sizeve | | | Archive & hold |
| SS52-0.5 | | 1042 | | | | | |
| | | | | 1043 | | | Archive & hold |
| | | | | 1044 | | | Archive & hold |
| SS60-1.5 | | 1050 | | | | | Archive & hold |
| | | | | 1052 | | | Archive & hold |
| | | | | 1054 | | | Archive & hold |
| SS61-1.5 | | 1112 | | 5Y08 13150R 1 sizeve | | | Archive & hold |
| | | | | 1114 | | | Archive & hold |
| | | | | 1116 | | | Archive & hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/23/16 1611 |
| <i>[Signature]</i> | C. MARSH | | 6/23/16 1612 |
| <i>[Signature]</i> | L. MARSH | | 6/23/16 1753 |
| <i>[Signature]</i> | E. MARSH | EA | 6/23/16 1758 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 371006
 Page: 1 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| SS53-0.5 | 6/23/16 | 1140 | SOV | 15230 | | | Archive & hold |
| ↓ -1.5 | | 1141 | | | | | Archive & hold |
| ↓ -2.5 | | 1142 | | | | | Archive & hold |
| SS71-0.5 | | 1230 | | | | | Archive & hold |
| ↓ -1.5 | | 1231 | | | | | Archive & hold |
| ↓ -2.5 | | 1232 | | | | | Archive & hold |
| SS54-0.5 | | 1239 | | | | | Archive & hold |
| ↓ -1.5 | | 1240 | | | | | Archive & hold |
| ↓ -2.5 | | 1241 | | | | | Archive & hold |
| SS72-0.5 | | 1239 | | | | | Archive & hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | ATA | 06/23/16 |
| <i>[Signature]</i> | L. Markoff | | 6/23/16 16:12 |
| <i>[Signature]</i> | L. Markoff | | 6/23/16 17:53 |
| <i>[Signature]</i> | Abercrombie | ATA | 6-23-16 17:53 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 37100C
 Page: 12 of 18
 Standard: X
 4 Day:
 1 Day:
 Same Day:
 Turn Around Time (Rush by advanced notice only)

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| 1 5572-1.5 | 6/23/16 | 1240 | Soil | 1500ml | | | Archived Hold |
| 2 ↓ -2.5 | | 1242 | | | | | Archived Hold |
| 3 5569-0.5 | | 1247 | | | | | |
| 4 ↓ -1.5 | | 1248 | | | | | Archived Hold |
| 5 ↓ -2.5 | | 1249 | | | | | Archived Hold |
| 6 5556-0.5 | | 1251 | | 500ml / 1500ml | | | Archived Hold |
| 7 ↓ -1.5 | | 1253 | | 1500ml | | | Archived Hold |
| 8 ↓ -2.5 | | 1254 | | ↓ | | | Archived Hold |
| 9 5570-0.5 | | 1257 | | 1500ml | | | |
| 10 ↓ -1.5 | | 1259 | | ↓ | | | Archived Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------------------|--------------|-----------------|--------------|
| | | | |
| 1 Relinquished By: [Signature] | BOB FRASKE | Alta | 6/23/16 1612 |
| 1 Received By: [Signature] | C. Marshall | | 6/23/16 1753 |
| 2 Relinquished By: [Signature] | | | |
| 2 Received By: [Signature] | Alta Environ | EA | 6-23-16 1753 |
| 3 Relinquished By: [Signature] | | | |
| 3 Received By: [Signature] | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 371606
 Page: 13 of 18

Turn Around Time (Rush by advanced notice only)

Standard: X
 1 Day:
 2 Day:
 3 Day:
 4 Day:
 Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| SS70-25 | 6/24/16 | 1303 | Soil | 15 liter | None | | Archive and Hold |
| SS77-0.5 | | 1310 | | | | | |
| | | 1310 | | | | | |
| | | 1311 | | | | | Archive and Hold |
| | | 1312 | | | | | Archive and Hold |
| SS80-0.5 | | 1316 | | | | | |
| | | 1316 | | | | | |
| | | 1317 | | | | | Archive and Hold |
| | | 1318 | | | | | Archive and Hold |
| SS79-0.5 | | 1334 | | 15 liter | None | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|-------------|-----------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | Alta | 6/28/16 1612 |
| 1 Received By: | <i>[Signature]</i> | L. M. ... | | 6/28/16 1612 |
| 2 Relinquished By: | <i>[Signature]</i> | L. M. ... | | 6/28/16 1753 |
| 2 Received By: | <i>[Signature]</i> | Albert ... | ERA | 6/28/16 1753 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalphy - SoCal
 c/o Montrrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 371005
 Page: 14 of 12 2 Day:

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day:
 1 Day: Same Day:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 5/19-0.5 DUP | 6/23 | Soil | 1x5 liter | ndr | XX | Archive & Hold |
| 2 | 5/19-1.5 | 1335 | | | | | Archive & Hold |
| 3 | 5/19-2.5 | 1336 | | | | | Archive & Hold |
| 4 | 5/16-0.5 | 1330 | | | | XX | Archive & Hold |
| 5 | 5/16-1.5 | 1331 | | | | | Archive & Hold |
| 6 | 5/16-2.5 | 1332 | | | | | Archive & Hold |
| 7 | 5/13-0.5 | 1338 | | | | XX | Archive & Hold |
| 8 | 5/13-1.5 | 1340 | | | | | Archive & Hold |
| 9 | 5/13-2.5 | 1341 | | | | | Archive & Hold |
| 10 | 5/18-0.5 | 1345 | | | | XX | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 06/23/16 1612 |
| <i>[Signature]</i> | L. Marshall | | 6/22/16 1612 |
| <i>[Signature]</i> | L. Marshall | | 6/23/16 1753 |
| <i>[Signature]</i> | Alison Vance | ER | 6/23/16 1753 |
| <i>[Signature]</i> | | | |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 371006

Page: 15 of 12

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 | 6/23 | 1345 | Soil | 1x12oz | None | <input checked="" type="checkbox"/> | Archive & Hold |
| 2 | | 1346 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 3 | | 1347 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 4 | | 1345 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 5 | | 1346 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 6 | | 1348 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 7 | | 1355 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 8 | | 1356 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 9 | | 1357 | | | | <input checked="" type="checkbox"/> | Archive & Hold |
| 10 | | 1401 | | | | <input checked="" type="checkbox"/> | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|----------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | ATA | 6/23/16 1612 |
| <i>[Signature]</i> | C. Marshall | | 6/23/16 1612 |
| <i>[Signature]</i> | C. Marshall | | 6/23/16 1753 |
| <i>[Signature]</i> | Heather Vargas | ETA | 6/23/16 1753 |
| <i>[Signature]</i> | | | |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 37100
 Page: 10 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 4 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 60108)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 6/23 | 1402 | SW | 1X50cc | None | | Archive & Hold |
| 2 | | 1403 | | | | | Archive & Hold |
| 3 | | 1355 | | | XXX | | Archive & Hold |
| 4 | | 1356 | | | | | Archive & Hold |
| 5 | | 1357 | | | | | Archive & Hold |
| 6 | | 1427 | | | XXX | | Archive & Hold |
| 7 | | 1428 | | | | | Archive & Hold |
| 8 | | 1429 | | | | | Archive & Hold |
| 9 | | 1411 | | | XXX | | Archive & Hold |
| 10 | | 1412 | | | | | Archive & Hold |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 6/23/12 1612 |
| <i>[Signature]</i> | L. Marshall | | 6/23/12 1753 |
| <i>[Signature]</i> | Alta | | 6-23-12 1759 |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 371006

Page: 17 of 18

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: Same Day:

1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Address: Long Beach, CA 90807

Address: Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------------------|------------------------------|
| 1 | 6/23 | 1413 | Soil | 1x512cc | None | Arsenic (USEPA 6020) | Archive 4/1/12 |
| 2 | 6/23 | 1440 | Water | 3 Amber 504 | X | Lead (USEPA 6010B) | |
| 3 | 6/23 | 1440 | Water | 3 Amber 504 | X | OCP (8081A) | |
| 4 | 6/23 | - | Soil | - | X | VOCs+oxys (USEPA 8260B/5035) | |
| 5 | 6/23 | - | Soil | - | X | TPH-g (USEPA 8015M/5035) | |
| 6 | 6/23 | - | Soil | - | X | TPH-d/o (USEPA 8015M) | |
| 7 | 6/23 | - | Soil | - | X | PCBs (EPA Method 8082) | |
| 8 | 6/23 | - | Soil | - | X | Title 22 metals 6010 | |
| 9 | 6/23 | - | Soil | - | X | | |
| 10 | 6/23 | - | Soil | - | X | | |

| Signature | Print Name | Company / Title | Date / Time |
|-------------|----------------|-----------------|----------------|
| [Signature] | ERIC FRASKE | Alta | 06/23/16 16:12 |
| [Signature] | C. Marshall | | 6/23/16 16:12 |
| [Signature] | L. Marshall | | 6/23/16 17:53 |
| [Signature] | Allyson Vargas | ED | 6/23/16 17:53 |
| [Signature] | | | |
| [Signature] | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Chain of Custody Record

Lab No: 371006
 Page: 18 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|-----------|--------|
| Standard: | X | 4 Day: | 3 Day: |
| 1 Day: | | Same Day: | |

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

*SS91-0.5
 Submitted with 6/22/16
 Batch
 *SS97 & SS100
 Submitted with
 6/22/16
 Batch

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) |
|--------------|---------------|---------------|--------|--------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|
| 1 COMP16 | 6/23 | - | Soil | 150ml | None | | X | | | | | |
| 2 COMP17 | 6/23 | - | Soil | - | None | | X | | | | | |
| 3 COMP19 | 6/23 | - | Soil | - | None | | X | | | | | |
| 4 COMP20 | 6/23 | - | Soil | - | None | | X | | | | | |
| 5 COMP22 | 6/23 | - | Soil | - | None | | X | | | | | |
| 6 COMP17 DUP | 6/23 | - | Soil | - | None | | X | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | Alta | 062516 16/12 |
| <i>[Signature]</i> | L. Marshall | | 6/23/16 16/12 |
| <i>[Signature]</i> | L. Marshall | | 6/23/16 1733 |
| <i>[Signature]</i> | EDP | | 6-23-16 17:55 |
| <i>[Signature]</i> | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Alta Env. Project: Jefferson High School
 Date Received: 6-23-16 Sampler's Signature Present: Yes No
 Sample temperature: _____
 Sample(s) received in cooler: Yes _____ No (Skip Section 2) _____
 Shipping Information: _____

Section 2
 Was the cooler packed with: _____ Ice _____ Ice Packs _____ Bubble Wrap _____ Styrofoam
 _____ Paper _____ None _____ Other _____
 Cooler 1 Temperature: 5.4 Cooler 2 Temperature: 22.1 Cooler 3 Temperature: 24.0
(Acceptance range is 0 to 6 Deg. C. or arrival on ice; For Microbiology sample ≤ 10 Deg. C or arrival on ice)

| Section 3 | YES | NO | N/A |
|--|-----|----|-----|
| Was a COC received? | ✓ | | |
| Were IDs present? | ✓ | | |
| Were sampling dates & times present? | ✓ | | |
| Was a signature present? | ✓ | | |
| Were tests clearly indicated? | ✓ | | |
| Were custody seals present? | ✓ | | |
| If Yes – were they intact? | | ✓ | |
| Were all samples sealed in plastic bags? | ✓ | | |
| Did all samples arrive intact? If no, indicate below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were correct containers used for the tests required? | ✓ | | |
| Was a sufficient amount of sample sent for tests indicated? | ✓ | | |
| Was there headspace in VOA vials? | | | ✓ |
| Were the containers labeled with correct preservatives? | ✓ | | |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | ✓ |
| *If the answer is no, please inform Fish Bioassay Dept. immediately. | | | |

Section 4
 Explanations/Comments: received 2 trip blanks that were not on COC.

Section 5
 Was the Project Manager notified via email of discrepancies: Y / N / N/A
 Project Manager's response: will ask client if they want them run.

Completed By: [Signature] Date: 6-24-16

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Thursday, July 07, 2016 2:59 PM
To: Ranjit Clarke
Subject: RE: Jefferson High School (06/23/16) - 371006 (Draft)

Hi Ranjit,

My apologies, Please run sample SS99-0.5 (collected on 6/23/16) for Title 22 Metals by 6010B. My request below was for lead only. I actually need all Title 22 Metals reported for that sample.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



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3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Thursday, July 07, 2016 2:28 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Subject: RE: Jefferson High School (06/23/16) - 371006 (Draft)

Will do.



Ranjit Clarke
O: 714-771-9906 / M: 657-274-9864 / F: 714-771-9933
Ranjit.Clarke@enthalpy.com

From: Eric Fraske [<mailto:Eric.Fraske@altaenviron.com>]
Sent: Thursday, July 07, 2016 2:27 PM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Jefferson High School (06/23/16) - 371006 (Draft)

Hi Ranjit,

Thank you and please run sample SS99-0.5 for lead by 6010b.

Please proceed with compositing and analyzing samples COMP2 and COMP13 without the missing samples (SS9 and SS53) as indicated in your email.

Thank you.

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Ranjit Clarke [<mailto:Ranjit.Clarke@enthalpy.com>]
Sent: Thursday, July 07, 2016 1:56 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Subject: RE: Jefferson High School (06/23/16) - 371006 (Draft)

Eric,

We can run sample SS99-0.5 for Lead by 6010B.

We cannot run sample SS53-0.5 since that sample was destroyed.

Also, due to the fire, the following samples are not available for 8081A compositing:

- 1) composite sample COMP2: "SS9-0.5".
- 2) composite sample COMP13: "SS53-0.5".

Please confirm that it is o.k. to composite those samples with the other 3 sleeves. If so, the sub lab will do so and make a note on the report.

Thanks,

Ranjit



Ranjit Clarke

O: 714-771-9906 / M:657-274-9864 / F: 714-771-9933

Ranjit.Clarke@enthalpy.com

From: Eric Fraske [<mailto:Eric.Fraske@altaenviron.com>]
Sent: Thursday, July 07, 2016 10:55 AM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Jefferson High School (06/23/16) - 371006 (Draft)

Hi Ranjit,

Can I get sample SS53-0.5 (sampled at 1140 on 6/23/2016) analyzed for lead by 6010 and arsenic by 6020?

I would also like to get sample SS99-0.5 (sampled at 0830 on 6/23/2016) analyzed for lead by 6010.

Please let me know if these samples can be analyzed or not.

Thank you.

Eric Fraske, PE
Project Manager/Senior III



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3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807

o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877

eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Ranjit Clarke [<mailto:Ranjit.Clarke@enthalpy.com>]
Sent: Thursday, July 07, 2016 9:20 AM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Cc: Mike Cassidy <Mike.Cassidy@altaenviron.com>
Subject: Jefferson High School (06/23/16) - 371006 (Draft)

Eric,

Here is a draft report for #371006. **Since we are subbing out samples for the missing analyses, we will generate a final report once those results are ready.** Everything contained herein is final and will not change.

Thanks,

Ranjit

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

18 July 2016

Ranjit Clarke
Enthalpy Analytical, Inc.
806 N. Batavia
Orange, CA 92868
RE: 371006 PO# 371006

Enclosed are the results of analyses for samples received by the laboratory on 07/06/16 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh For Nicole Bryson
Client Services Manager

Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

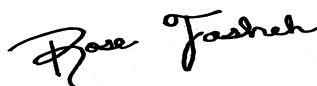
Reported:
07/18/16 17:45

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| 371006-004 | T161490-01 | Soil | 06/23/16 06:58 | 07/06/16 17:25 |
| 371006-007 | T161490-02 | Soil | 06/23/16 07:05 | 07/06/16 17:25 |
| 371006-008 | T161490-03 | Soil | 06/23/16 07:05 | 07/06/16 17:25 |
| 371006-029 | T161490-04 | Soil | 06/23/16 07:40 | 07/06/16 17:25 |
| 371006-051 | T161490-05 | Soil | 06/23/16 08:32 | 07/06/16 17:25 |
| 371006-054 | T161490-06 | Soil | 06/23/16 08:38 | 07/06/16 17:25 |
| 371006-057 | T161490-07 | Soil | 06/23/16 08:30 | 07/06/16 17:25 |
| 371006-069 | T161490-08 | Soil | 06/23/16 08:52 | 07/06/16 17:25 |
| 371006-070 | T161490-09 | Soil | 06/23/16 08:52 | 07/06/16 17:25 |
| 371006-075 | T161490-10 | Soil | 06/23/16 10:17 | 07/06/16 17:25 |
| 371006-076 | T161490-11 | Soil | 06/23/16 10:10 | 07/06/16 17:25 |
| 371006-079 | T161490-12 | Soil | 06/23/16 10:16 | 07/06/16 17:25 |
| 371006-080 | T161490-13 | Soil | 06/23/16 10:16 | 07/06/16 17:25 |
| 371006-083 | T161490-14 | Soil | 06/23/16 10:20 | 07/06/16 17:25 |
| 371006-088 | T161490-15 | Soil | 06/23/16 10:26 | 07/06/16 17:25 |
| 371006-097 | T161490-16 | Soil | 06/23/16 10:54 | 07/06/16 17:25 |
| 371006-100 | T161490-17 | Soil | 06/23/16 11:16 | 07/06/16 17:25 |
| 371006-113 | T161490-18 | Soil | 06/23/16 12:47 | 07/06/16 17:25 |
| 371006-116 | T161490-19 | Soil | 06/23/16 12:51 | 07/06/16 17:25 |
| 371006-126 | T161490-20 | Soil | 06/23/16 13:16 | 07/06/16 17:25 |
| 371006-164 | T161490-21 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-165 | T161490-22 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-166 | T161490-23 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-167 | T161490-24 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-168 | T161490-25 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-169 | T161490-26 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-170 | T161490-27 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-171 | T161490-28 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-172 | T161490-29 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



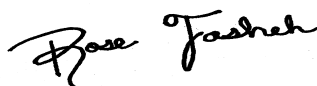
Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| 371006-173 | T161490-30 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-174 | T161490-31 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-175 | T161490-32 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |
| 371006-176 | T161490-33 | Soil | 06/23/16 00:00 | 07/06/16 17:25 |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

DETECTIONS SUMMARY

Sample ID: 371006-004

Laboratory ID: T161490-01

No Results Detected

Sample ID: 371006-007

Laboratory ID: T161490-02

No Results Detected

Sample ID: 371006-008

Laboratory ID: T161490-03

No Results Detected

Sample ID: 371006-029

Laboratory ID: T161490-04

| Analyte | Reporting | | Units | Method | Notes |
|----------|-----------|-------|-------|----------|-------|
| | Result | Limit | | | |
| PCB-1260 | 9.0 | 10 | ug/kg | EPA 8082 | J |

Sample ID: 371006-051

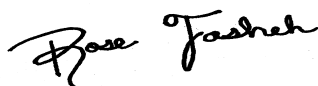
Laboratory ID: T161490-05

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 19 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 480 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-054

Laboratory ID: T161490-06

| Analyte | Reporting | | Units | Method | Notes |
|---------|-----------|-------|-------|--------|-------|
| | Result | Limit | | | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-054

Laboratory ID: T161490-06

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 52 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 2800 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-057

Laboratory ID: T161490-07

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 66 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 49 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-069

Laboratory ID: T161490-08

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 48 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 52 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-070

Laboratory ID: T161490-09

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 97 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 39 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-075

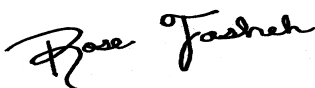
Laboratory ID: T161490-10

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 96 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 28 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-076

Laboratory ID: T161490-11

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 47 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 83 | 10 | mg/kg | EPA 8015C | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-079

Laboratory ID: T161490-12

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 68 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 68 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-080

Laboratory ID: T161490-13

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 56 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 79 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371006-083

Laboratory ID: T161490-14

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 48 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 92 | 10 | mg/kg | EPA 8015C | |
| PCB-1260 | 4.9 | 10 | ug/kg | EPA 8082 | J |

Sample ID: 371006-088

Laboratory ID: T161490-15

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 47 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 8.4 | 10 | mg/kg | EPA 8015C | J |

Sample ID: 371006-097

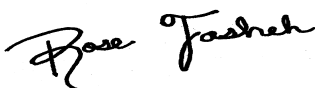
Laboratory ID: T161490-16

No Results Detected

Sample ID: 371006-100

Laboratory ID: T161490-17

No Results Detected



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-113

Laboratory ID: T161490-18

No Results Detected

Sample ID: 371006-116

Laboratory ID: T161490-19

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 77 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 390 | 10 | mg/kg | EPA 8015C | |
| PCB-1260 | 7.1 | 10 | ug/kg | EPA 8082 | J |

Sample ID: 371006-126

Laboratory ID: T161490-20

| Analyte | Reporting | | Units | Method | Notes |
|----------|-----------|-------|-------|----------|-------|
| | Result | Limit | | | |
| PCB-1260 | 9.6 | 10 | ug/kg | EPA 8082 | J |

Sample ID: 371006-164

Laboratory ID: T161490-21

No Results Detected

Sample ID: 371006-165

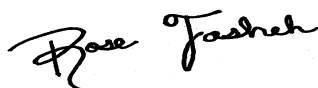
Laboratory ID: T161490-22

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 2.9 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 3.9 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 18 | 5.0 | ug/kg | EPA 8081A | |
| Dieldrin | 0.69 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-166

Laboratory ID: T161490-23

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 4.6 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 3.8 | 5.0 | ug/kg | EPA 8081A | J |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-167

Laboratory ID: T161490-24

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 42 | 50 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 41 | 50 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 37 | 50 | ug/kg | EPA 8081A | J |
| Dieldrin | 34 | 50 | ug/kg | EPA 8081A | J |
| Endrin | 9.2 | 50 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 42 | 50 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 74 | 50 | ug/kg | EPA 8081A | J |

Sample ID: 371006-168

Laboratory ID: T161490-25

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 0.99 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 1.2 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-169

Laboratory ID: T161490-26

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 2.1 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 2.7 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 1.5 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 0.48 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-170

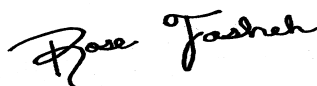
Laboratory ID: T161490-27

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 2.1 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 3.8 | 5.0 | ug/kg | EPA 8081A | J |
| Dieldrin | 1.3 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-171

Laboratory ID: T161490-28

| Analyte | Reporting | | Units | Method | Notes |
|--------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Heptachlor epoxide | 0.68 | 5.0 | ug/kg | EPA 8081A | J |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-171

Laboratory ID: T161490-28

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 13 | 5.0 | ug/kg | EPA 8081A | |
| alpha-Chlordane | 19 | 5.0 | ug/kg | EPA 8081A | |
| 4,4'-DDE | 28 | 5.0 | ug/kg | EPA 8081A | |
| Dieldrin | 4.4 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 12 | 5.0 | ug/kg | EPA 8081A | |

Sample ID: 371006-172

Laboratory ID: T161490-29

| Analyte | Reporting | | Units | Method | Notes |
|-------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 1.8 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 3.3 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 0.39 | 5.0 | ug/kg | EPA 8081A | J |
| Endosulfan sulfat | 0.50 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-173

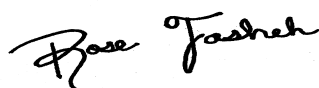
Laboratory ID: T161490-30

| Analyte | Reporting | | Units | Method | Notes |
|--------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Heptachlor epoxide | 0.49 | 5.0 | ug/kg | EPA 8081A | J |
| gamma-Chlordane | 1.0 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 3.0 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 5.1 | 5.0 | ug/kg | EPA 8081A | |
| Dieldrin | 3.9 | 5.0 | ug/kg | EPA 8081A | J |
| Endrin | 0.48 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 1.8 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 3.0 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-174

Laboratory ID: T161490-31

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 1.2 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 1.5 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 2.0 | 5.0 | ug/kg | EPA 8081A | J |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Sample ID: 371006-175

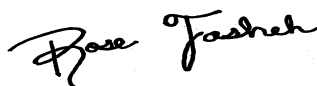
Laboratory ID: T161490-32

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| alpha-Chlordane | 0.80 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371006-176

Laboratory ID: T161490-33

| Analyte | Reporting | | Units | Method | Notes |
|--------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Heptachlor epoxide | 0.50 | 5.0 | ug/kg | EPA 8081A | J |
| gamma-Chlordane | 3.7 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 5.1 | 5.0 | ug/kg | EPA 8081A | |
| Dieldrin | 0.48 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 1.1 | 5.0 | ug/kg | EPA 8081A | J |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

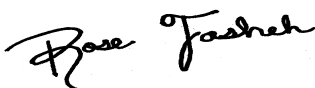
371006-004
T161490-01(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 87.5 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 76.8 % | 35-140 | " | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

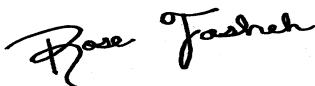
371006-007
T161490-02(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 90.1 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 67.3 % | 35-140 | " | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

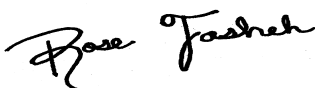
371006-008
T161490-03(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 92.6 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 70.3 % | 35-140 | " | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

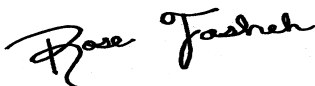
371006-029
T161490-04(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|------------------------------------|------------|-----|--------|--------|---|---------|----------|----------|----------|---|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | 9.0 | 3.7 | 10 | " | " | " | " | " | " | J |
| Surrogate: Tetrachloro-meta-xylene | | | 102 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 61.2 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|------------------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|------------------------------------|

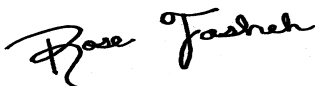
371006-051
T161490-05(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|--------------------------------|-----|-----|-------|-------|--------|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 19 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 480 | 6.2 | 10 | " | " | " | " | " | " | |
| Surrogate: <i>p</i> -Terphenyl | | | 106 % | | 65-135 | " | " | " | " | |



| | | |
|---|--|------------------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|------------------------------------|

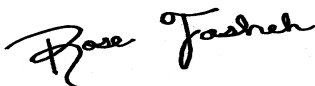
371006-054
T161490-06(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|-------------|-----|--------|-------|--------|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 52 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 2800 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 94.3 % | | 65-135 | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-057

T161490-07(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

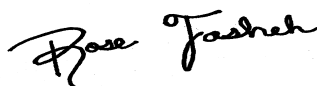
| | | | | | | | | | | |
|-------------------------------|-----------|-----|--------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 66 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 49 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 96.1 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 76.8 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 67.3 % | 35-140 | | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



| | | |
|---|--|------------------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|------------------------------------|

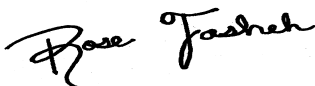
371006-069
T161490-08(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|--------------------------------|----|-----|--------|-------|--------|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 48 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 52 | 6.2 | 10 | " | " | " | " | " | " | |
| Surrogate: <i>p</i> -Terphenyl | | | 92.6 % | | 65-135 | " | " | " | " | |



| | | |
|---|--|------------------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|------------------------------------|

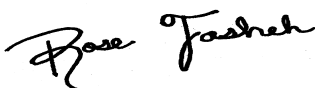
371006-070
T161490-09(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|--------------------------------|----|-----|-------|-------|--------|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 97 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 39 | 6.2 | 10 | " | " | " | " | " | " | |
| Surrogate: <i>p</i> -Terphenyl | | | 106 % | | 65-135 | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-075
T161490-10(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

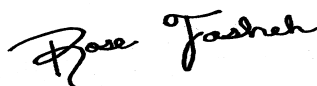
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|-----------|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 96 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 28 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 100 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 99.3 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 86.2 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-076
T161490-11(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

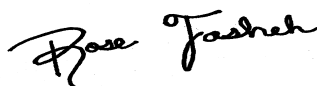
| | | | | | | | | | | |
|-------------------------------|-----------|-----|--------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 47 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 83 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 98.7 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 106 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 82.1 % | 35-140 | | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-079
T161490-12(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

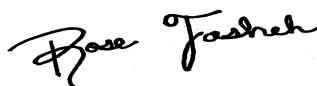
| | | | | | | | | | | |
|-------------------------------|-----------|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 68 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 68 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 106 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 86.3 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 51.2 % | 35-140 | | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

371006-080
T161490-13(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

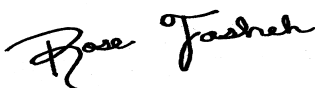
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|--------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 56 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 79 | 6.2 | 10 | " | " | " | " | " | " | |
| Surrogate: <i>p</i> -Terphenyl | | | 106 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro- <i>meta</i> -xylene | | | 103 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 65.0 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-083

T161490-14(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

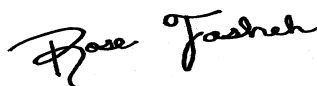
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|-----------|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 48 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 92 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 101 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|------------|-----|--------|--------|---|---------|----------|----------|----------|---|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | 4.9 | 3.7 | 10 | " | " | " | " | " | " | J |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 106 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 71.8 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

371006-088
T161490-15(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

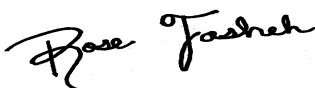
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|--------------------------------|-----|-----|-------|--------|---|---------|----------|----------|-----------|---|
| C13-C28 (DRO) | 47 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 8.4 | 6.2 | 10 | " | " | " | " | " | " | J |
| Surrogate: <i>p</i> -Terphenyl | | | 112 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|------|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro- <i>meta</i> -xylene | | | 188 % | 35-140 | | " | " | " | " | S-GC |
| Surrogate: Decachlorobiphenyl | | | 95.1 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-097
T161490-16(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

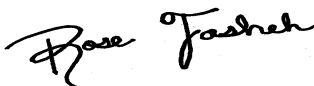
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 102 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|-------|--------|---|---------|----------|----------|----------|------------|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070829 | 07/08/16 | 07/18/16 | EPA 8082 | O-05 |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 116 % | 35-140 | | " | " | " | " | O-05 |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 144 % | 35-140 | | " | " | " | " | O-05, S-GC |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-100
T161490-17(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

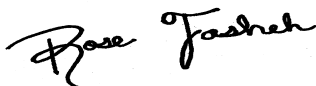
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 112 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|------|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070829 | 07/08/16 | 07/18/16 | EPA 8082 | O-05 |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | O-05 |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 99.3 % | 35-140 | | " | " | " | " | O-05 |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 130 % | 35-140 | | " | " | " | " | O-05 |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

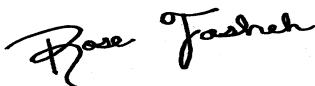
371006-113
T161490-18(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|------------------------------------|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 106 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 80.8 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

371006-116
T161490-19(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

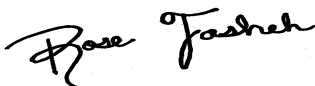
SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|------------|-----|--------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 77 | 6.2 | 10 | mg/kg | 1 | 6070719 | 07/07/16 | 07/07/16 | EPA 8015C | |
| C29-C40 (MORO) | 390 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 96.5 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|------------|-----|--------|--------|---|---------|----------|----------|----------|---|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | 7.1 | 3.7 | 10 | " | " | " | " | " | " | J |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 110 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 46.9 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

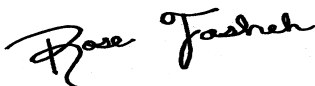
371006-126
T161490-20(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|------------------------------------|------------|-----|--------|--------|---|---------|----------|----------|----------|---|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070715 | 07/07/16 | 07/15/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | 9.6 | 3.7 | 10 | " | " | " | " | " | " | J |
| Surrogate: Tetrachloro-meta-xylene | | | 95.8 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 64.8 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

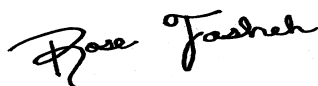
371006-164
T161490-21(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|----|------|--------|--------|---|---------|----------|----------|-----------|--|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| alpha-Chlordane | ND | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 83.1 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 45.1 % | 35-140 | " | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

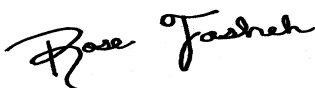
371006-165
T161490-22(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|--------|---|---------|----------|----------|-----------|------|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 2.9 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 3.9 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 18 | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 0.69 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 102 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 35.0 % | 35-140 | | " | " | " | " | S-GC |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

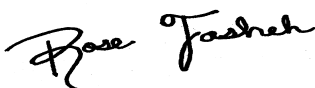
371006-166
T161490-23(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 4.6 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 3.8 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 91.9 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 53.6 % | 35-140 | " | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

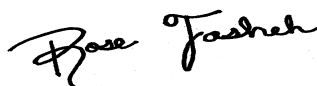
371006-167
T161490-24(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-----|-----|--------|-------|--------|---------|----------|----------|-----------|------|
| alpha-BHC | ND | 3.3 | 50 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 4.1 | 50 | " | " | " | " | " | " | |
| beta-BHC | ND | 7.1 | 50 | " | " | " | " | " | " | |
| delta-BHC | ND | 6.7 | 50 | " | " | " | " | " | " | |
| Heptachlor | ND | 5.1 | 50 | " | " | " | " | " | " | |
| Aldrin | ND | 4.7 | 50 | " | " | " | " | " | " | |
| gamma-Chlordane | 42 | 4.2 | 50 | " | " | " | " | " | " | J |
| alpha-Chlordane | 41 | 5.2 | 50 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 4.9 | 50 | " | " | " | " | " | " | |
| 4,4'-DDE | 37 | 15 | 50 | " | " | " | " | " | " | J |
| Dieldrin | 34 | 4.7 | 50 | " | " | " | " | " | " | J |
| Endrin | 9.2 | 4.2 | 50 | " | " | " | " | " | " | J |
| 4,4'-DDD | 42 | 3.5 | 50 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 5.6 | 50 | " | " | " | " | " | " | |
| 4,4'-DDT | 74 | 24 | 50 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 7.0 | 50 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 4.6 | 50 | " | " | " | " | " | " | |
| Methoxychlor | ND | 4.5 | 100 | " | " | " | " | " | " | |
| Endrin ketone | ND | 4.4 | 50 | " | " | " | " | " | " | |
| Toxaphene | ND | 580 | 2000 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 1090 % | | 35-140 | | " | " | " | S-04 |
| Surrogate: Decachlorobiphenyl | | | 750 % | | 35-140 | | " | " | " | S-04 |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

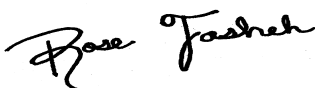
371006-168
T161490-25(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 0.99 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 1.2 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 121 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 76.4 % | 35-140 | " | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

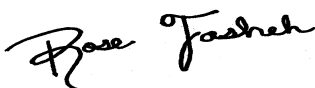
371006-169
T161490-26(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 2.1 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 2.7 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 1.5 | 1.5 | 5.0 | " | " | " | " | " | " | J |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 0.48 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 119 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 69.5 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

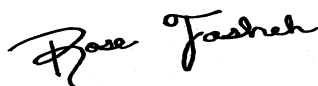
371006-170
T161490-27(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 2.1 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 3.8 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 1.3 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 93.2 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 56.9 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

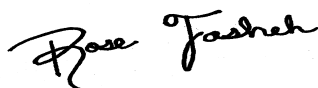
371006-171
T161490-28(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | 0.68 | 0.46 | 5.0 | " | " | " | " | " | " | J |
| gamma-Chlordane | 13 | 0.42 | 5.0 | " | " | " | " | " | " | |
| alpha-Chlordane | 19 | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 28 | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 4.4 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | 12 | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 110 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 35.5 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

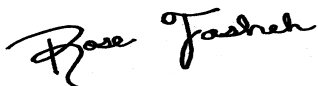
371006-172
T161490-29(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|-------|--------|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 1.8 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 3.3 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 0.39 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | 0.50 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 114 % | | 35-140 | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 52.4 % | | 35-140 | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

371006-173
T161490-30(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---------------------------|-------------|------|-----|-------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | 0.49 | 0.46 | 5.0 | " | " | " | " | " | " | J |
| gamma-Chlordane | 1.0 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 3.0 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 5.1 | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 3.9 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | 0.48 | 0.43 | 5.0 | " | " | " | " | " | " | J |
| 4,4'-DDD | 1.8 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | 3.0 | 2.5 | 5.0 | " | " | " | " | " | " | J |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |

Surrogate: Tetrachloro-meta-xylene

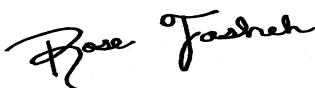
101 % 35-140

" " " "

Surrogate: Decachlorobiphenyl

50.8 % 35-140

" " " "



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

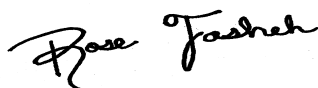
371006-174
T161490-31(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|------------|------|---------------|---------------|---|----------|----------|----------|-----------|-------------|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 1.2 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 1.5 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 2.0 | 1.5 | 5.0 | " | " | " | " | " | " | J |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | <i>113 %</i> | <i>35-140</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | <i>22.9 %</i> | <i>35-140</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | <i>S-GC</i> |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371006 PO# 371006 Project Number: 371006 Project Manager: Ranjit Clarke | Reported: 07/18/16 17:45 |
|---|--|-----------------------------|

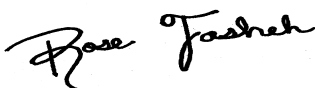
371006-175
T161490-32(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|--------|---|---------|----------|----------|-----------|------|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| alpha-Chlordane | 0.80 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 119 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 30.4 % | 35-140 | | " | " | " | " | S-GC |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

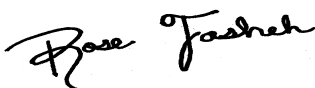
371006-176
T161490-33(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070720 | 07/07/16 | 07/12/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | 0.50 | 0.46 | 5.0 | " | " | " | " | " | " | J |
| gamma-Chlordane | 3.7 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 5.1 | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 0.48 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 1.1 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 118 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 40.1 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070719 - EPA 3550B GC

Blank (6070719-BLK1)

Prepared & Analyzed: 07/07/16

| | | | | | | | | | | | |
|--------------------------------|-----|-----|----|-------|------|--|-----|--------|--|--|--|
| Surrogate: <i>p</i> -Terphenyl | 101 | | | mg/kg | 98.8 | | 102 | 65-135 | | | |
| C13-C28 (DRO) | ND | 6.2 | 10 | " | | | | | | | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | | | | | | | |

LCS (6070719-BS1)

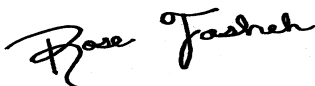
Prepared & Analyzed: 07/07/16

| | | | | | | | | | | | |
|--------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: <i>p</i> -Terphenyl | 97.5 | | | mg/kg | 99.9 | | 97.6 | 65-135 | | | |
| C13-C28 (DRO) | 1200 | 6.2 | 10 | " | 999 | | 123 | 75-125 | | | |

LCS Dup (6070719-BSD1)

Prepared & Analyzed: 07/07/16

| | | | | | | | | | | | |
|--------------------------------|------|-----|----|-------|------|--|------|--------|------|----|--|
| Surrogate: <i>p</i> -Terphenyl | 98.9 | | | mg/kg | 99.7 | | 99.2 | 65-135 | | | |
| C13-C28 (DRO) | 1200 | 6.2 | 10 | " | 997 | | 122 | 75-125 | 1.22 | 20 | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070720 - EPA 3550 ECD/GCMS

Blank (6070720-BLK1)

Prepared: 07/07/16 Analyzed: 07/12/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|-----|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 10.1 | | | ug/kg | 9.94 | | 102 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 10.1 | | | " | 9.94 | | 102 | 35-140 | | | |
| alpha-BHC | ND | 0.33 | 5.0 | " | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | | | | | | | |
| beta-BHC | ND | 0.71 | 5.0 | " | | | | | | | |
| delta-BHC | ND | 0.67 | 5.0 | " | | | | | | | |
| Heptachlor | ND | 0.51 | 5.0 | " | | | | | | | |
| Aldrin | ND | 0.47 | 5.0 | " | | | | | | | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | | | | | | | |
| gamma-Chlordane | ND | 0.42 | 5.0 | " | | | | | | | |
| alpha-Chlordane | ND | 0.53 | 5.0 | " | | | | | | | |
| Endosulfan I | ND | 0.50 | 5.0 | " | | | | | | | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | | | | | | | |
| Dieldrin | ND | 0.47 | 5.0 | " | | | | | | | |
| Endrin | ND | 0.43 | 5.0 | " | | | | | | | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | | | | | | | |
| Endosulfan II | ND | 0.56 | 5.0 | " | | | | | | | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | | | | | | | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | | | | | | | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | | | | | | | |
| Methoxychlor | ND | 0.45 | 10 | " | | | | | | | |
| Endrin ketone | ND | 0.45 | 5.0 | " | | | | | | | |
| Toxaphene | ND | 58 | 200 | " | | | | | | | |

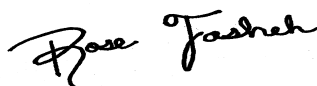
LCS (6070720-BS1)

Prepared: 07/07/16 Analyzed: 07/12/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 8.44 | | | ug/kg | 9.87 | | 85.5 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 7.70 | | | " | 9.87 | | 78.0 | 35-140 | | | |
| gamma-BHC (Lindane) | 42.2 | 0.42 | 5.0 | " | 39.5 | | 107 | 40-120 | | | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070720 - EPA 3550 ECD/GCMS

LCS (6070720-BS1)

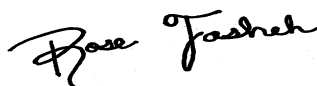
Prepared: 07/07/16 Analyzed: 07/12/16

| | | | | | | | | | | | |
|------------|------|------|-----|-------|------|--|------|--------|--|--|--|
| Heptachlor | 37.2 | 0.51 | 5.0 | ug/kg | 39.5 | | 94.2 | 40-120 | | | |
| Aldrin | 35.8 | 0.47 | 5.0 | " | 39.5 | | 90.7 | 40-120 | | | |
| Dieldrin | 40.7 | 0.47 | 5.0 | " | 39.5 | | 103 | 40-120 | | | |
| Endrin | 35.6 | 0.43 | 5.0 | " | 39.5 | | 90.1 | 40-120 | | | |
| 4,4'-DDT | 29.5 | 2.5 | 5.0 | " | 39.5 | | 74.6 | 33-147 | | | |

LCS Dup (6070720-BSD1)

Prepared: 07/07/16 Analyzed: 07/12/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|------|--------|-------|----|--|
| Surrogate: Tetrachloro-meta-xylene | 10.9 | | | ug/kg | 9.96 | | 109 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 8.29 | | | " | 9.96 | | 83.2 | 35-140 | | | |
| gamma-BHC (Lindane) | 42.0 | 0.42 | 5.0 | " | 39.8 | | 105 | 40-120 | 1.35 | 30 | |
| Heptachlor | 40.0 | 0.51 | 5.0 | " | 39.8 | | 100 | 40-120 | 6.27 | 30 | |
| Aldrin | 36.0 | 0.47 | 5.0 | " | 39.8 | | 90.4 | 40-120 | 0.300 | 30 | |
| Dieldrin | 39.9 | 0.47 | 5.0 | " | 39.8 | | 100 | 40-120 | 2.91 | 30 | |
| Endrin | 38.2 | 0.43 | 5.0 | " | 39.8 | | 95.9 | 40-120 | 6.18 | 30 | |
| 4,4'-DDT | 32.5 | 2.5 | 5.0 | " | 39.8 | | 81.6 | 33-147 | 8.90 | 30 | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|-----|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 6070715 - EPA 3550 ECD/GCMS

Blank (6070715-BLK1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 6.63 | | | ug/kg | 9.88 | | 67.1 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 6.76 | | | " | 9.88 | | 68.4 | 35-140 | | | |
| PCB-1016 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1221 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1232 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1242 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1248 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1254 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1260 | ND | 3.7 | 10 | " | | | | | | | |

LCS (6070715-BS1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 8.79 | | | ug/kg | 9.94 | | 88.4 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 6.50 | | | " | 9.94 | | 65.4 | 35-140 | | | |
| PCB-1016 | 124 | 3.7 | 10 | " | 99.4 | | 125 | 40-130 | | | |
| PCB-1260 | 109 | 3.7 | 10 | " | 99.4 | | 110 | 40-130 | | | |

LCS Dup (6070715-BSD1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|------|----|--|
| Surrogate: Tetrachloro-meta-xylene | 9.78 | | | ug/kg | 9.97 | | 98.1 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 7.66 | | | " | 9.97 | | 76.8 | 35-140 | | | |
| PCB-1016 | 106 | 3.7 | 10 | " | 99.7 | | 106 | 40-130 | 15.6 | 30 | |
| PCB-1260 | 112 | 3.7 | 10 | " | 99.7 | | 112 | 40-130 | 2.73 | 30 | |

Batch 6070829 - EPA 3550 ECD/GCMS

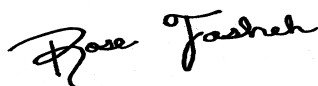
Blank (6070829-BLK1)

Prepared: 07/08/16 Analyzed: 07/18/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|-----|--------|--|--|------|
| Surrogate: Tetrachloro-meta-xylene | 13.2 | | | ug/kg | 9.98 | | 132 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 14.4 | | | " | 9.98 | | 144 | 35-140 | | | S-GC |
| PCB-1016 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1221 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1232 | ND | 3.7 | 10 | " | | | | | | | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070829 - EPA 3550 ECD/GCMS

Blank (6070829-BLK1)

Prepared: 07/08/16 Analyzed: 07/18/16

| | | | | | | | | | | | |
|----------|----|-----|----|-------|--|--|--|--|--|--|--|
| PCB-1242 | ND | 3.7 | 10 | ug/kg | | | | | | | |
| PCB-1248 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1254 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1260 | ND | 3.7 | 10 | " | | | | | | | |

LCS (6070829-BS1)

Prepared: 07/08/16 Analyzed: 07/18/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|-----|-----|--------|--|--|------|
| Surrogate: Tetrachloro-meta-xylene | 11.9 | | | ug/kg | 9.98 | | 119 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 14.1 | | | " | 9.98 | | 141 | 35-140 | | | S-GC |
| PCB-1016 | 117 | 3.7 | 10 | " | 99.8 | 117 | | 40-130 | | | |
| PCB-1260 | 125 | 3.7 | 10 | " | 99.8 | 126 | | 40-130 | | | |

Matrix Spike (6070829-MS1)

Source: T161503-01

Prepared: 07/08/16 Analyzed: 07/18/16

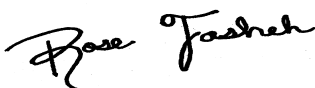
| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|----|------|--------|--|--|-------|
| Surrogate: Tetrachloro-meta-xylene | 9.94 | | | ug/kg | 9.99 | | 99.5 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 11.1 | | | " | 9.99 | | 111 | 35-140 | | | |
| PCB-1016 | 112 | 3.7 | 10 | " | 99.9 | ND | 112 | 40-130 | | | |
| PCB-1260 | 136 | 3.7 | 10 | " | 99.9 | ND | 136 | 40-130 | | | QM-07 |

Matrix Spike Dup (6070829-MSD1)

Source: T161503-01

Prepared: 07/08/16 Analyzed: 07/18/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|----|-----|--------|------|----|-------|
| Surrogate: Tetrachloro-meta-xylene | 10.6 | | | ug/kg | 9.94 | | 107 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 13.0 | | | " | 9.94 | | 131 | 35-140 | | | |
| PCB-1016 | 118 | 3.7 | 10 | " | 99.4 | ND | 119 | 40-130 | 5.82 | 30 | |
| PCB-1260 | 230 | 3.7 | 10 | " | 99.4 | ND | 232 | 40-130 | 51.8 | 30 | QM-07 |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371006 PO# 371006
Project Number: 371006
Project Manager: Ranjit Clarke

Reported:
07/18/16 17:45

Notes and Definitions

S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

O-05 This sample was extracted outside of the EPA recommended holding time.

J Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

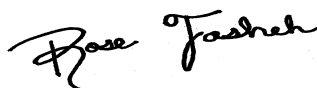
DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference





ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933

CHAIN OF CUSTODY RECORD

Page: 1 of 4 Turn Around Time
 Standard: X
 Date: 7/6/2016 72 Hours:
 48 Hours:
 24 Hours:
 Lab Number: 7161490 Need by:

SunStar Laboratories

Send To: 25712 Commercentre Dr., Lake Forest, CA 92630

Project Information:

371006

Contact: Ranjit Clarke

Email report to: ranjit.clarke@enthalpy.com

incomingreports@associatedlabs.com

Email Invoice to: ranjit.clarke@enthalpy.com

| | | | | | |
|-----------|---|---------|---|-------------|--------|
| GSO: | X | FedEx: | | PO #: | 371006 |
| Priority: | | Ground: | X | Sampled By: | |

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | | | | | | | | | | |
|-----------|-------------|-------------|-----------|------------|---------------|---|----|---|---|--|--|--|--|--|--|
| 1 | 371006-004 | 01 | 6/23/2016 | 6:58 | S | 1 | NA | X | X | | | | | | |
| 2 | 371006-007 | 02 | 6/23/2016 | 7:05 | S | 1 | NA | X | X | | | | | | |
| 3 | 371006-008 | 03 | 6/23/2016 | 7:05 | S | 1 | NA | X | X | | | | | | |
| 4 | 371006-029 | 04 | 6/23/2016 | 7:40 | S | 1 | NA | X | X | | | | | | |
| 5 | 371006-051 | 05 | 6/23/2016 | 8:32 | S | 1 | NA | X | X | | | | | | |
| 6 | 371006-054 | 06 | 6/23/2016 | 8:38 | S | 1 | NA | X | X | | | | | | |
| 7 | 371006-057 | 07 | 6/23/2016 | 8:30 | S | 1 | NA | X | X | | | | | | |
| 8 | 371006-069 | 08 | 6/23/2016 | 8:52 | S | 1 | NA | X | X | | | | | | |
| 9 | 371006-070 | 09 | 6/23/2016 | 8:52 | S | 1 | NA | X | X | | | | | | |
| 10 | 371006-075 | 10 | 6/23/2016 | 10:17 | S | 1 | NA | X | X | | | | | | |

EPA 8015B - Diesel / Motor Oil
 EPA 8082 - PCBs

5.3
Holding time expires 07/07/16!!!
"J" FLAGS REQUIRED

| Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|------------------|--------------|------------------|--------------|------------------|--------------|
| 1 | 1 | 2 | 2 | 3 | 3 |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other PP = Pure Product
 Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| | | | | | |
|-----------------------------|---------------------|---------------|---------------|---------------|---------------|
| Signature: | Signature: | Signature: | Signature: | Signature: | Signature: |
| Printed Name: Dennis Deming | Printed Name: Sunny | Printed Name: | Printed Name: | Printed Name: | Printed Name: |
| Date: 7/6/16 | Date: 7-6-16 | Date: | Date: | Date: | Date: |
| Time: 17:25 | Time: 17:25 | Time: | Time: | Time: | Time: |



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933
CHAIN OF CUSTODY RECORD

Page: 2 of 4 Turn Around Time
 Date: 7/6/2016 Standard: X
 Lab Number: 76490 72 Hours:
 48 Hours:
 24 Hours:
 Need by:

SunStar Laboratories Project Information: **371006**

Send To: 25712 Commerce Centre Dr., Lake Forest, CA 92630

GSO: FedEx: PO #: 371006

Priority: Ground: Sampled By:

Contact: **Ranjit Clarke** Email report to: ranjit.clarke@enthalpy.com
incomingreports@associatedlabs.com

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | | | | | |
|---------------|-------------|-------------|--------|------------|---------------|----|---|---|--|--|
| 1 371006-076 | 11 | 6/23/2016 | 10:10 | S | 1 | NA | X | X | | |
| 2 371006-079 | 12 | 6/23/2016 | 10:16 | S | 1 | NA | X | X | | |
| 3 371006-080 | 13 | 6/23/2016 | 10:16 | S | 1 | NA | X | X | | |
| 4 371006-083 | 14 | 6/23/2016 | 10:20 | S | 1 | NA | X | X | | |
| 5 371006-088 | 15 | 6/23/2016 | 10:26 | S | 1 | NA | X | X | | |
| 6 371006-097 | 16 | 6/23/2016 | 10:54 | S | 1 | NA | X | X | | |
| 7 371006-100 | 17 | 6/23/2016 | 11:16 | S | 1 | NA | X | | | |
| 8 371006-113 | 18 | 6/23/2016 | 12:47 | S | 1 | NA | X | X | | |
| 9 371006-116 | 19 | 6/23/2016 | 12:51 | S | 1 | NA | X | X | | |
| 10 371006-126 | 20 | 6/23/2016 | 13:16 | S | 1 | NA | X | | | |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| Relinquished By: 1 | Received By: 1 | Relinquished By: 2 | Received By: 2 | Relinquished By: 3 | Received By: 3 |
|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> |
| Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> |
| Date: <u>7/6/16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> | Date: <u></u> Time: <u></u> | Date: <u></u> Time: <u></u> | Date: <u></u> Time: <u></u> | Date: <u></u> Time: <u></u> |

Relinquished By: 1 Signature: *[Signature]* Printed Name: *[Name]* Date: 7/6/16 Time: 17:25

Relinquished By: 2 Signature: *[Signature]* Printed Name: *[Name]* Date: Time:

Relinquished By: 3 Signature: *[Signature]* Printed Name: *[Name]* Date: Time:

**Holding time expires 07/07/16!!!
 "J" FLAGS REQUIRED**

5.3



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933

CHAIN OF CUSTODY RECORD

Page: 3 of 4 Turn Around Time

Date: 7/6/2016 Standard: X

Lab Number: 716490 72 Hours:

48 Hours:

24 Hours:

Need by:

SunStar Laboratories

Send To: 25712 Commercentre Dr., Lake Forest, CA 92630

Project Information:

371006

Contact: Ranjit Clarke

Email report to: ranjit.clarke@enthalpy.com

incomingreports@associatedlabs.com

Email Invoice to: ranjit.clarke@enthalpy.com

Holding time expires 07/07/16!!!
"J" FLAGS REQUIRED
 See comments section for samples to composite (samples 21-33).

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | EPA 808A- OCPs | |
|---------------|-------------|-------------|--------|------------|---------------|----------------|-------------|
| 1 371006-164 | 6/23/2016 | - | S | 1 | NA | X | 34 35 36 37 |
| 2 371006-165 | 6/23/2016 | - | S | 1 | NA | X | 38 39 40 41 |
| 3 371006-166 | 6/23/2016 | - | S | 1 | NA | X | 42 43 44 45 |
| 4 371006-167 | 6/23/2016 | - | S | 1 | NA | X | 46 47 48 49 |
| 5 371006-168 | 6/23/2016 | - | S | 1 | NA | X | 50 51 52 53 |
| 6 371006-169 | 6/23/2016 | - | S | 1 | NA | X | 54 55 56 57 |
| 7 371006-170 | 6/23/2016 | - | S | 1 | NA | X | 58 59 60 61 |
| 8 371006-171 | 6/23/2016 | - | S | 1 | NA | X | 62 63 64 65 |
| 9 371006-172 | 6/23/2016 | - | S | 1 | NA | X | 66 67 68 69 |
| 10 371006-173 | 6/23/2016 | - | S | 1 | NA | X | 70 71 72 73 |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| | | | | | |
|--|--|---|---|---|---|
| Relinquished By: 1 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u>7/6/16</u> Time: <u>17:25</u> | Received By: 1 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u>7-6-16</u> Time: <u>17:25</u> | Relinquished By: 2 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u> </u> Time: <u> </u> | Received By: 2 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u> </u> Time: <u> </u> | Relinquished By: 3 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u> </u> Time: <u> </u> | Received By: 3 Signature: <i>[Signature]</i> Printed Name: <i>[Name]</i> Date: <u> </u> Time: <u> </u> |
|--|--|---|---|---|---|



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933
 CHAIN OF CUSTODY RECORD

Page: 4 of 4 Turn Around Time
 Standard: X
 Date: 7/6/2016 72 Hours:
 48 Hours:
 24 Hours:
 Lab Number: 716490 Need by:
 24 Hours:

SunStar Laboratories

Send To: 25712 Commerce Dr., Lake Forest, CA 92630

371006

Project Information:

Contact: **Ranjit Clarke**
 Email report to:
ranjit.clarke@enthalpy.com
incomingreports@associatedlabs.com

GSO: FedEx:
 Priority: Ground:

PO #: **371006**
 Sampled By:

Email Invoice to:
ranjit.clarke@enthalpy.com

**Holding time expires 07/07/16!!!
 "J" FLAGS REQUIRED
 See comments section for samples
 to composite (samples 21-33).**

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | | | | | | |
|------------------------|-------------|-------------|--------|------------|---------------|---|--|--|--|--|--|
| 1 371006-174 <i>31</i> | 6/23/2016 | - | S | 1 | NA | X | | | | | |
| 2 371006-175 <i>32</i> | 6/23/2016 | - | S | 1 | NA | X | | | | | |
| 3 371006-176 <i>33</i> | 6/23/2016 | - | S | 1 | NA | X | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other PP = Pure Product
 SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| Relinquished By: 1 | Received By: 1 | Relinquished By: 2 | Received By: 2 | Relinquished By: 3 | Received By: 3 |
|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> |
| Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> | Printed Name: <i>[Name]</i> |
| Date: <i>7/6/16</i> Time: <i>17:25</i> | Date: <i>7-6-16</i> Time: <i>17:25</i> | Date: <i></i> Time: <i></i> | Date: <i></i> Time: <i></i> | Date: <i></i> Time: <i></i> | Date: <i></i> Time: <i></i> |

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 7161490

Client Name: ENTHALPY Project: 371006 PO# 371006

Delivered by: Client SunStar Courier GSO FedEx Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: SUNNY Date/Time Lab Received: 7.6.16 / 17:25

Total number of coolers received: 0

| | | | | | |
|--|-----------|---|---------------------------|--|---|
| Temperature: | Cooler #1 | 5.5 | °C +/- the CF (- 0.2°C) = | 5.3 | °C corrected temperature |
| Temperature: | Cooler #2 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature: | Cooler #3 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature criteria = ≤ 6°C (no frozen containers) | | | Within criteria? | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If NO: | | | | | |
| Samples received on ice? | | <input type="checkbox"/> Yes | | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |
| If on ice, samples received same day collected? | | <input type="checkbox"/> Yes → Acceptable | | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |

- Custody seals intact on cooler/sample Yes No* N/A
 - Sample containers intact Yes No*
 - Sample labels match Chain of Custody IDs Yes No*
 - Total number of containers received match COC Yes No*
 - Proper containers received for analyses requested on COC Yes No*
 - Proper preservative indicated on COC/containers for analyses requested Yes No* N/A
 - Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*
- * Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: SL 7.6.16

Comments: _____

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 761490

- **COOLERS**
 - Not Received (received COC only)
 - Leaking/Damaged
 - Other:
- **CUSTODY SEALS**
 - None
 - Not Intact
- **TEMPERATURE (Temp criteria = ≤ 6°C)**
 - Cooler/Sample Temp(s)
 - Temperature Blank(s)
- **CHAIN OF CUSTODY (COC)**
 - Not relinquished by client; No date/time relinquished
 - Incomplete information provided
 - COC not received – notify PM
- **CONTAINERS**
 - Leaking Broken
 - Extra Missing
- **LABELS**
 - Not the same sample ID / info as on the COC
 - Incomplete Information
 - Markings/Info illegible
- **SAMPLES**
 - Samples **NOT RECEIVED** but listed on COC
 - Samples received but **NOT LISTED** on COC
 - Logged based on Label Information and not COC
 - Logged according to Work Plan and not COC
 - Logged in, **ON HOLD** until further notice
 - Insufficient quantities for analysis
 - Improper container used
 - Mislabeled as to tests, preservatives, etc.
 - Holding time expired – list sample ID and test
 - Not preserved/Improper preservative used
 - Without Labels, no information on containers
 - Other

Comments: SAMPLES (SS9-0.5, SS58-0.5, SS98-0.5) WAS LISTED BUT NOT RECEIVED AND
SAMPLES (SS72-0.5, SS12-0.5 DUP, SS9-1.5) WAS RECEIVED BUT NOT LISTED.

Sample fractioning only if broken container

impacts more than one cooler

| Fraction | | | | | | | | Preser. |
|----------|--|--|--|-------------------------------------|--|--|--|---------|
| VOA | | | | <u>ENTHALPY</u> <u>ID NUMBER</u> | | | | |
| | | | | SS72-0.5 : 371006-110 | | | | |
| | | | | SS12-0.5 DUP : 371006-030 | | | | |
| | | | | SS9-1.5 : 371006-049 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Sunny

From: Ranjit Clarke [Ranjit.Clarke@enthalpy.com]
Sent: Thursday, July 07, 2016 10:02 AM
To: sunny@sunstarlabs.com; Nicole
Subject: Composite samples: LR 371006
Importance: High

Sunny,

Per our conversation this morning:

- 1) Please go ahead and prepare composite sample COMP2 without "SS9-0.5".
- 2) Please go ahead and prepare composite sample COMP13 without "SS53-0.5".
- 3) Regarding missing sample "SS98-0.5", please double check the samples as that sample should be there (sample 371006-069). If not, I may have you go ahead and use sample "SS98-0.5DUP" (371006-070) instead. Please call or e-mail me first before doing this.

Thanks,

Ranjit

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.



Ranjit Clarke
Senior Project Manager
Enthalpy Analytical
806 N Batavia Street, Orange, CA 92868
O: 714-771-9906 / M: 657-274-9864 / F: 714-771-9933
Ranjit.Clarke@enthalpy.com

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No virus found in this message.

Checked by AVG - www.avg.com

Version: 2014.0.4855 / Virus Database: 4477/12572 - Release Date: 07/07/16

7/7/2016



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933

CHAIN OF CUSTODY RECORD

Page: 1 of 4 Turn Around Time
 Date: 7/6/2016 Standard: X
 Lab Number: 7161490 48 Hours:
 24 Hours:
 Need by:

SunStar Laboratories

Send To: 25712 Commercentre Dr., Lake Forest, CA 92630

Project Information:

371006

Contact: Ranjit Clarke

Email report to:

ranjit.clarke@enthalpy.com

incomingreports@associatedlabs.com

Email Invoice to:

ranjit.clarke@enthalpy.com

**Holding time expires 07/07/16!!!
 "J" FLAGS REQUIRED**

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | EPA 8015B - Diesel / Motor Oil | | EPA 8082 - PCBs | |
|---------------|-------------|-------------|--------|------------|---------------|--------------------------------|---|-----------------|--|
| 1 371006-004 | 6/23/2016 | 6:58 | S | 1 | NA | X | X | | |
| 2 371006-007 | 6/23/2016 | 7:05 | S | 1 | NA | X | X | | |
| 3 371006-008 | 6/23/2016 | 7:05 | S | 1 | NA | X | X | | |
| 4 371006-029 | 6/23/2016 | 7:40 | S | 1 | NA | X | X | | |
| 5 371006-051 | 6/23/2016 | 8:32 | S | 1 | NA | X | X | | |
| 6 371006-054 | 6/23/2016 | 8:38 | S | 1 | NA | X | X | | |
| 7 371006-057 | 6/23/2016 | 8:30 | S | 1 | NA | X | X | | |
| 8 371006-069 | 6/23/2016 | 8:52 | S | 1 | NA | X | X | | |
| 9 371006-070 | 6/23/2016 | 8:52 | S | 1 | NA | X | X | | |
| 10 371006-075 | 6/23/2016 | 10:17 | S | 1 | NA | X | X | | |

| Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|--|--|---|---|---|---|
| 1 Signature: <i>[Signature]</i> Printed Name: <i>Dennis Deminsky</i> Date: <i>7/6/16</i> Time: <i>17:25</i> | 1 Signature: <i>[Signature]</i> Printed Name: <i>Sunny</i> Date: <i>7-6-16</i> Time: <i>17:25</i> | 2 Signature: <i>[Signature]</i> Printed Name: <i>[Signature]</i> Date: <i>[Date]</i> Time: <i>[Time]</i> | 2 Signature: <i>[Signature]</i> Printed Name: <i>[Signature]</i> Date: <i>[Date]</i> Time: <i>[Time]</i> | 3 Signature: <i>[Signature]</i> Printed Name: <i>[Signature]</i> Date: <i>[Date]</i> Time: <i>[Time]</i> | 3 Signature: <i>[Signature]</i> Printed Name: <i>[Signature]</i> Date: <i>[Date]</i> Time: <i>[Time]</i> |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water
 Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933
CHAIN OF CUSTODY RECORD

Page: 2 of 4 Turn Around Time
 Date: 7/6/2016 Standard: X
 Lab Number: 76490 72 Hours:
 48 Hours:
 24 Hours:
 Need by:

SunStar Laboratories Project Information: **371006**

Send To: 25712 Commercecentre Dr., Lake Forest, CA 92630

GSO: FedEx: PO #: 371006

Priority: Ground: Sampled By:

Contact: **Ranjit Clarke** Email report to: ranjit.clarke@enthalpy.com
incomingreports@associatedlabs.com

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | | | | | | |
|-----------|-------------|-------------|-----------|------------|---------------|---|----|---|---|--|--|
| 1 | 371006-076 | 11 | 6/23/2016 | 10:10 | S | 1 | NA | X | X | | |
| 2 | 371006-079 | 12 | 6/23/2016 | 10:16 | S | 1 | NA | X | X | | |
| 3 | 371006-080 | 13 | 6/23/2016 | 10:16 | S | 1 | NA | X | X | | |
| 4 | 371006-083 | 14 | 6/23/2016 | 10:20 | S | 1 | NA | X | X | | |
| 5 | 371006-088 | 15 | 6/23/2016 | 10:26 | S | 1 | NA | X | X | | |
| 6 | 371006-097 | 16 | 6/23/2016 | 10:54 | S | 1 | NA | X | X | | |
| 7 | 371006-100 | 17 | 6/23/2016 | 11:16 | S | 1 | NA | X | | | |
| 8 | 371006-113 | 18 | 6/23/2016 | 12:47 | S | 1 | NA | X | X | | |
| 9 | 371006-116 | 19 | 6/23/2016 | 12:51 | S | 1 | NA | X | X | | |
| 10 | 371006-126 | 20 | 6/23/2016 | 13:16 | S | 1 | NA | X | | | |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|--|--|--|--|--|--|
| Signature: | Signature: | Signature: | Signature: | Signature: | Signature: |
| Printed Name: Ranjit Clarke | Printed Name: Ranjit Clarke | Printed Name: Ranjit Clarke | Printed Name: Ranjit Clarke | Printed Name: Ranjit Clarke | Printed Name: Ranjit Clarke |
| Date: <u>7/6/16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> | Date: <u>7-6-16</u> Time: <u>17:25</u> |

Holding time expires 07/07/16!!!
"J" FLAGS REQUIRED



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933

CHAIN OF CUSTODY RECORD

Page: 3 of 4 Turn Around Time

Date: 7/6/2016 Standard: X

Lab Number: 716490 72 Hours:

48 Hours:

24 Hours:

Need by:

SunStar Laboratories

Send To: 25712 Commercentre Dr., Lake Forest, CA 92630

Project Information:

371006

Contact: Ranjit Clarke

Email report to: ranjit.clarke@enthalpy.com

incomingreports@associatedlabs.com

Email Invoice to: ranjit.clarke@enthalpy.com

Holding time expires 07/07/16!!!
"J" FLAGS REQUIRED
 See comments section for samples to composite (samples 21-33).

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | EPA 808A- OCPs | | 5.3 | | | | |
|---------------|-------------|-------------|--------|------------|---------------|----------------|--|-----|----|----|----|-------------------------------------|
| 1 371006-164 | 6/23/2016 | - | S | 1 | NA | X | | 34 | 35 | 36 | 37 | SS8-0.5,SS9-0.5,SS10-0.5,SS11-0.5 |
| 2 371006-165 | 6/23/2016 | - | S | 1 | NA | X | | 38 | 39 | 40 | 41 | SS12-0.5,SS13-0.5,SS14-0.5,SS15-0.5 |
| 3 371006-166 | 6/23/2016 | - | S | 1 | NA | X | | 42 | 43 | 44 | 45 | SS16-0.5,SS17-0.5,SS18-0.5,SS19-0.5 |
| 4 371006-167 | 6/23/2016 | - | S | 1 | NA | X | | 46 | 47 | 48 | 49 | SS20-0.5,SS21-0.5,SS22-0.5,SS23-0.5 |
| 5 371006-168 | 6/23/2016 | - | S | 1 | NA | X | | 50 | 51 | 52 | 53 | SS51-0.5,SS52-0.5,SS53-0.5,SS67-0.5 |
| 6 371006-169 | 6/23/2016 | - | S | 1 | NA | X | | 54 | 55 | 56 | 57 | SS54-0.5,SS55-0.5,SS56-0.5,SS68-0.5 |
| 7 371006-170 | 6/23/2016 | - | S | 1 | NA | X | | 58 | 59 | 60 | 61 | SS69-0.5,SS70-0.5,SS71-0.5,SS98-0.5 |
| 8 371006-171 | 6/23/2016 | - | S | 1 | NA | X | | 62 | 63 | 64 | 65 | SS73-0.5,SS74-0.5,SS75-0.5,SS76-0.5 |
| 9 371006-172 | 6/23/2016 | - | S | 1 | NA | X | | 66 | 67 | 68 | 69 | SS77-0.5,SS78-0.5,SS79-0.5,SS80-0.5 |
| 10 371006-173 | 6/23/2016 | - | S | 1 | NA | X | | 70 | 71 | 72 | 73 | SS85-0.5,SS86-0.5,SS87-0.5,SS88-0.5 |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| | | | | | |
|--|--|---|---|---|---|
| Relinquished By: 1 Signature: [Signature] Date: 7/6/16 Time: 17:25 | Received By: 1 Signature: [Signature] Date: 7-6-16 Time: 17:25 | Relinquished By: 2 Signature: [Signature] Date: [] Time: [] | Received By: 2 Signature: [Signature] Date: [] Time: [] | Relinquished By: 3 Signature: [Signature] Date: [] Time: [] | Received By: 3 Signature: [Signature] Date: [] Time: [] |
| Printed Name: DENNIS DORNING | Printed Name: SEAN Y | Printed Name: [] | Printed Name: [] | Printed Name: [] | Printed Name: [] |

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 7161490

Client Name: ENTHALPY Project: 371006 PO# 371006

Delivered by: Client SunStar Courier GSO FedEx Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: SUNNY Date/Time Lab Received: 7.6.16 / 17:25

Total number of coolers received: 2

| | | | | | |
|--|-----------|---|---------------------------|--|---|
| Temperature: | Cooler #1 | 5.5 | °C +/- the CF (- 0.2°C) = | 5.3 | °C corrected temperature |
| Temperature: | Cooler #2 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature: | Cooler #3 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature criteria = ≤ 6°C (no frozen containers) | | | Within criteria? | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If NO: | | | | | |
| Samples received on ice? | | <input type="checkbox"/> Yes | | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |
| If on ice, samples received same day collected? | | <input type="checkbox"/> Yes → Acceptable | | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |

- Custody seals intact on cooler/sample Yes No* N/A
- Sample containers intact Yes No*
- Sample labels match Chain of Custody IDs Yes No*
- Total number of containers received match COC Yes No*
- Proper containers received for analyses requested on COC Yes No*
- Proper preservative indicated on COC/containers for analyses requested Yes No* N/A
- Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: SL 7.6.16

Comments:

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 761490

- **COOLERS**
 - Not Received (received COC only)
 - Leaking/Damaged
 - Other:
- **CUSTODY SEALS**
 - None
 - Not Intact
- **TEMPERATURE (Temp criteria = ≤ 6°C)**
 - Cooler/Sample Temp(s)
 - Temperature Blank(s)
- **CHAIN OF CUSTODY (COC)**
 - Not relinquished by client; No date/time relinquished
 - Incomplete information provided
 - COC not received – notify PM
- **CONTAINERS**
 - Leaking Broken
 - Extra Missing
- **LABELS**
 - Not the same sample ID / info as on the COC
 - Incomplete Information
 - Markings/Info illegible
- **SAMPLES**
 - Samples **NOT RECEIVED** but listed on COC
 - Samples received but **NOT LISTED** on COC
 - Logged based on Label Information and not COC
 - Logged according to Work Plan and not COC
 - Logged in, **ON HOLD** until further notice
 - Insufficient quantities for analysis
 - Improper container used
 - Mislabeled as to tests, preservatives, etc.
 - Holding time expired – list sample ID and test
 - Not preserved/Improper preservative used
 - Without Labels, no information on containers
 - Other

Comments: SAMPLES (SS9-0.5, SS58-0.5, SS98-0.5) WAS LISTED BUT NOT RECEIVED AND
SAMPLES (SS72-0.5, SS12-0.5 DUP, SS9-1.5) WAS RECEIVED BUT NOT LISTED.

Sample fractioning only if broken container

impacts more than one cooler

| Fraction | | | | <u>ENTHALPY</u> <u>ID NUMBER</u> | | | Preser. |
|----------|--|--|--|-------------------------------------|--|--|---------|
| VOA | | | | SS72-0.5 : 371006-110 | | | |
| | | | | SS12-0.5 DUP : 371006-030 | | | |
| | | | | SS9-1.5 : 371006-049 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Sunny

From: Ranjit Clarke [Ranjit.Clarke@enthalpy.com]
Sent: Thursday, July 07, 2016 10:02 AM
To: sunny@sunstarlabs.com; Nicole
Subject: Composite samples: LR 371006
Importance: High

Sunny,

Per our conversation this morning:

- 1) Please go ahead and prepare composite sample COMP2 without "SS9-0.5".
- 2) Please go ahead and prepare composite sample COMP13 without "SS53-0.5".
- 3) Regarding missing sample "SS98-0.5", please double check the samples as that sample should be there (sample 371006-069). If not, I may have you go ahead and use sample "SS98-0.5DUP" (371006-070) instead. Please call or e-mail me first before doing this.

Thanks,

Ranjit

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.



Ranjit Clarke
Senior Project Manager
Enthalpy Analytical
806 N Batavia Street, Orange, CA 92868
O: 714-771-9906 / M: 657-274-9864 / F: 714-771-9933
Ranjit.Clarke@enthalpy.com

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No virus found in this message.

Checked by AVG - www.avg.com

Version: 2014.0.4855 / Virus Database: 4477/12572 - Release Date: 07/07/16

Nicole

From: Ranjit Clarke [Ranjit.Clarke@enthalpy.com]
Sent: Tuesday, July 12, 2016 1:32 PM
To: Nicole
Subject: LR 371006 - additional analyses

Importance: High

Nicole,

I just received a request from my client to **add** the following analyses:

371006-097 PCBs
371006-100 PCBs

You can add these two on a 3 day TAT if you need to so you can report all results on Friday.

Thanks,

Ranjit

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.



Ranjit Clarke
Senior Project Manager
Enthalpy Analytical
806 N Batavia Street, Orange, CA 92868
O: 714-771-9906 / M:657-274-9864 / F: 714-771-9933
Ranjit.Clarke@enthalpy.com

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No virus found in this message.

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Version: 2016.0.7442 / Virus Database: 4627/12602 - Release Date: 07/12/16



WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.

Project Manager: Nicole Bryson

Project: 371006 PO# 371006

Project Number: 371006

Report To:

Enthalpy Analytical, Inc.
 Ranjit Clarke
 806 N. Batavia
 Orange, CA 92868

Date Due: 07/14/16 17:00 (5 day TAT)

Received By: Sunny Lounethone

Date Received: 07/06/16 17:25

Logged In By: Sunny Lounethone

Date Logged In: 07/06/16 17:44

Samples Received at: **5.3°C**
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confirmed No

| Analysis | Due | TAT | Expires | Comments |
|--|----------------|-----|----------------|--------------------|
| T161490-01 371006-004 [Soil] Sampled 06/23/16 06:58 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 06:58 | Report down to MDL |
| T161490-02 371006-007 [Soil] Sampled 06/23/16 07:05 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:05 | Report down to MDL |
| T161490-03 371006-008 [Soil] Sampled 06/23/16 07:05 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:05 | Report down to MDL |
| T161490-04 371006-029 [Soil] Sampled 06/23/16 07:40 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:40 | Report down to MDL |
| T161490-05 371006-051 [Soil] Sampled 06/23/16 08:32 (GMT-08:00) Pacific Time (US & 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:32 | Report down to MDL |
| T161490-06 371006-054 [Soil] Sampled 06/23/16 08:38 (GMT-08:00) Pacific Time (US & 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:38 | Report down to MDL |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|--------------------|
| T161490-07 371006-057 [Soil] Sampled 06/23/16 08:30 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:30 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 08:30 | Report down to MDL |
| T161490-08 371006-069 [Soil] Sampled 06/23/16 08:52 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:52 | Report down to MDL |
| T161490-09 371006-070 [Soil] Sampled 06/23/16 08:52 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:52 | Report down to MDL |
| T161490-10 371006-075 [Soil] Sampled 06/23/16 10:17 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:17 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:17 | Report down to MDL |
| T161490-11 371006-076 [Soil] Sampled 06/23/16 10:10 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:10 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:10 | Report down to MDL |
| T161490-12 371006-079 [Soil] Sampled 06/23/16 10:16 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| T161490-13 371006-080 [Soil] Sampled 06/23/16 10:16 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| T161490-14 371006-083 [Soil] Sampled 06/23/16 10:20 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:20 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:20 | Report down to MDL |
| T161490-15 371006-088 [Soil] Sampled 06/23/16 10:26 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:26 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:26 | Report down to MDL |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|--|----------------|-----|----------------|--------------------|
| T161490-16 371006-097 [Soil] Sampled 06/23/16 10:54 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:54 | Report down to MDL |
| T161490-17 371006-100 [Soil] Sampled 06/23/16 11:16 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 11:16 | Report down to MDL |
| T161490-18 371006-113 [Soil] Sampled 06/23/16 12:47 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 12:47 | Report down to MDL |
| T161490-19 371006-116 [Soil] Sampled 06/23/16 12:51 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 12:51 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 12:51 | Report down to MDL |
| T161490-20 371006-126 [Soil] Sampled 06/23/16 13:16 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 13:16 | Report down to MDL |
| T161490-21 371006-164 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-22 371006-165 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-23 371006-166 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-24 371006-167 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-25 371006-168 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |

WORK ORDER

T161490

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|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|---|
| T161490-26 371006-169 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 54, 55, 56, 57 Report down to MDL |
| T161490-27 371006-170 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 58, 59, 60, 61 Report down to MDL |
| T161490-28 371006-171 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 62, 63, 64, 65 Report down to MDL |
| T161490-29 371006-172 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 66, 67, 68, 69 Report down to MDL |
| T161490-30 371006-173 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 70, 71, 72, 73 Report down to MDL |
| T161490-31 371006-174 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 3:1 74, 75, 76 Report down to MDL |
| T161490-32 371006-175 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 2:1 77, 78 Report down to MDL |
| T161490-33 371006-176 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 79, 80, 81, 82 Report down to MDL |
| T161490-34 SS8-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-35 SS9-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-36 SS10-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |

WORK ORDER

T161490

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|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|-----------------------------------|---|---------------------|---------|---------------------------------|
| T161490-37 SS11-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-38 SS12-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-39 SS13-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-40 SS14-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-41 SS15-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-42 SS16-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-43 SS17-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-44 SS18-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-45 SS19-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-46 SS20-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |
| T161490-47 SS21-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | Pacific Time | | (US & [NO ANALYSES]) |

WORK ORDER

T161490

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|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|-----------------------------------|-------------------------------|--------------------|---------------------|---------------------------------|
| T161490-48 SS22-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-49 SS23-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-50 SS51-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-51 SS52-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-52 SS53-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-53 SS67-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-54 SS54-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-55 SS55-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-56 SS56-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-57 SS68-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-58 SS69-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|-----|-----|---------|----------|
| T161490-59 SS70-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-60 SS71-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-61 SS98-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-62 SS73-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-63 SS74-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-64 SS75-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-65 SS76-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-66 SS77-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-67 SS78-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-68 SS79-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-69 SS80-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|--------------------------------------|-------------------------------|--------------------|---------------------|---------------------------------|
| T161490-70 SS85-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-71 SS86-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-72 SS87-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-73 SS88-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-74 SS89-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-75 SS90-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-76 SS92-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-77 SS98-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-78 SS99-0.5 [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-79 SS77-0.5DUP [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161490-80 SS78-0.5DUP [Soil] | Sampled 06/23/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|----------|-----|-----|---------|----------|
|----------|-----|-----|---------|----------|

| | |
|--|--|
| T161490-81 SS79-0.5DUP [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | |
|--|--|

| | |
|--|--|
| T161490-82 SS80-0.5DUP [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | |
|--|--|

WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

Report To:

Enthalpy Analytical, Inc.
 Ranjit Clarke
 806 N. Batavia
 Orange, CA 92868

Date Due: 07/14/16 17:00 (5 day TAT)

Received By: Sunny Lounethone

Date Received: 07/06/16 17:25

Logged In By: Sunny Lounethone

Date Logged In: 07/06/16 17:44

Samples Received at: **5.3°C**
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confir No

| Analysis | Due | TAT | Expires | Comments |
|--|----------------|-----|----------------|--------------------|
| T161490-01 371006-004 [Soil] Sampled 06/23/16 06:58 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 06:58 | Report down to MDL |
| T161490-02 371006-007 [Soil] Sampled 06/23/16 07:05 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:05 | Report down to MDL |
| T161490-03 371006-008 [Soil] Sampled 06/23/16 07:05 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:05 | Report down to MDL |
| T161490-04 371006-029 [Soil] Sampled 06/23/16 07:40 (GMT-08:00) Pacific Time (US & 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 07:40 | Report down to MDL |
| T161490-05 371006-051 [Soil] Sampled 06/23/16 08:32 (GMT-08:00) Pacific Time (US & 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:32 | Report down to MDL |
| T161490-06 371006-054 [Soil] Sampled 06/23/16 08:38 (GMT-08:00) Pacific Time (US & 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:38 | Report down to MDL |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|--------------------|
| T161490-07 371006-057 [Soil] Sampled 06/23/16 08:30 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:30 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 08:30 | Report down to MDL |
| T161490-08 371006-069 [Soil] Sampled 06/23/16 08:52 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:52 | Report down to MDL |
| T161490-09 371006-070 [Soil] Sampled 06/23/16 08:52 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 08:52 | Report down to MDL |
| T161490-10 371006-075 [Soil] Sampled 06/23/16 10:17 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:17 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:17 | Report down to MDL |
| T161490-11 371006-076 [Soil] Sampled 06/23/16 10:10 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:10 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:10 | Report down to MDL |
| T161490-12 371006-079 [Soil] Sampled 06/23/16 10:16 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| T161490-13 371006-080 [Soil] Sampled 06/23/16 10:16 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:16 | Report down to MDL |
| T161490-14 371006-083 [Soil] Sampled 06/23/16 10:20 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:20 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:20 | Report down to MDL |
| T161490-15 371006-088 [Soil] Sampled 06/23/16 10:26 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:26 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:26 | Report down to MDL |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|---|
| T161490-16 371006-097 [Soil] Sampled 06/23/16 10:54 (GMT-08:00) Pacific Time (US & | | | | Analysis added 7/12/2016 per R. Clarke |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 10:54 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 10:54 | J flag to MDL |
| T161490-17 371006-100 [Soil] Sampled 06/23/16 11:16 (GMT-08:00) Pacific Time (US & | | | | Analysis added 7/12/2016 per R. Clarke |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 11:16 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 11:16 | J flag to MDL |
| T161490-18 371006-113 [Soil] Sampled 06/23/16 12:47 (GMT-08:00) Pacific Time (US & | | | | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 12:47 | Report down to MDL |
| T161490-19 371006-116 [Soil] Sampled 06/23/16 12:51 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/07/16 12:51 | Report down to MDL |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 12:51 | Report down to MDL |
| T161490-20 371006-126 [Soil] Sampled 06/23/16 13:16 (GMT-08:00) Pacific Time (US & | | | | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/07/16 13:16 | Report down to MDL |
| T161490-21 371006-164 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & | | | | Composite 4:1 34, 35, 36, 37 |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-22 371006-165 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & | | | | Composite 4:1 38, 39, 40, 41 |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-23 371006-166 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & | | | | Composite 4:1 42, 43, 44, 45 |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-24 371006-167 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & | | | | Composite 4:1 46, 47, 48, 49 |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |
| T161490-25 371006-168 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & | | | | Composite 4:1 50, 51, 52, 53 |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Report down to MDL |

WORK ORDER

T161490

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371006 PO# 371006 | Project Number: 371006 |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|---|
| T161490-26 371006-169 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 54, 55, 56, 57 Report down to MDL |
| T161490-27 371006-170 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 58, 59, 60, 61 Report down to MDL |
| T161490-28 371006-171 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 62, 63, 64, 65 Report down to MDL |
| T161490-29 371006-172 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 66, 67, 68, 69 Report down to MDL |
| T161490-30 371006-173 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 70, 71, 72, 73 Report down to MDL |
| T161490-31 371006-174 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 3:1 74, 75, 76 Report down to MDL |
| T161490-32 371006-175 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 2:1 77, 78 Report down to MDL |
| T161490-33 371006-176 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/07/16 00:00 | Composite 4:1 79, 80, 81, 82 Report down to MDL |
| T161490-34 SS8-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-35 SS9-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161490-36 SS10-0.5 [Soil] Sampled 06/23/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |

WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

| Analysis | Due | TAT | Expires | Comments |
|-----------------------------------|---|-----|---------------------|---------------------------------|
| T161490-37 SS11-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-38 SS12-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-39 SS13-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-40 SS14-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-41 SS15-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-42 SS16-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-43 SS17-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-44 SS18-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-45 SS19-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-46 SS20-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-47 SS21-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

| Analysis | Due | TAT | Expires | Comments |
|-----------------------------------|---|-----|---------------------|---------------------------------|
| T161490-48 SS22-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-49 SS23-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-50 SS51-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-51 SS52-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-52 SS53-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-53 SS67-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-54 SS54-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-55 SS55-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-56 SS56-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-57 SS68-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-58 SS69-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

| Analysis | Due | TAT | Expires | Comments |
|-----------------------------------|---|-----|---------------------|---------------------------------|
| T161490-59 SS70-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-60 SS71-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-61 SS98-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-62 SS73-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-63 SS74-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-64 SS75-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-65 SS76-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-66 SS77-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-67 SS78-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-68 SS79-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-69 SS80-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

Client: Enthalpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

| Analysis | Due | TAT | Expires | Comments |
|--------------------------------------|---|-----|---------------------|---------------------------------|
| T161490-70 SS85-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-71 SS86-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-72 SS87-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-73 SS88-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-74 SS89-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-75 SS90-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-76 SS92-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-77 SS98-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-78 SS99-0.5 [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-79 SS77-0.5DUP [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |
| T161490-80 SS78-0.5DUP [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) | | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161490

Client: Enthelpy Analytical, Inc.
Project: 371006 PO# 371006

Project Manager: Nicole Bryson
Project Number: 371006

| Analysis | Due | TAT | Expires | Comments |
|-------------------------------|--|-----|---------|----------|
| <hr/> | | | | |
| T161490-81 SS79-0.5DUP [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | |
| Time (US & [NO ANALYSES]) | | | | |
| <hr/> | | | | |
| T161490-82 SS80-0.5DUP [Soil] | Sampled 06/23/16 00:00 (GMT-08:00) Pacific | | | |
| Time (US & [NO ANALYSES]) | | | | |
| <hr/> | | | | |





Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 371034
Report Date: 07/18/2016
Date Received: 06/24/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

See attached report for Carbon Chain, Pesticides, and PCBs. Results for sample "EQBL624" are not included as those samples are no longer available.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 371034-001 | SS58-1.5 | 371034-025 | SS84-0.5 | 371034-049 | SS29-0.5 |
| 371034-002 | SS58-5.5 | 371034-026 | SS84-1.5 | 371034-050 | SS29-1.5 |
| 371034-003 | SS58-10.5 | 371034-027 | SS84-2.5 | 371034-051 | SS29-2.5 |
| 371034-004 | SS106-0.5 | 371034-028 | SS83-0.5 | 371034-052 | SS102-0.5 |
| 371034-005 | SS106-1.5 | 371034-029 | SS83-1.5 | 371034-053 | SS102-1.5 |
| 371034-006 | SS106-2.5 | 371034-030 | SS83-2.5 | 371034-054 | SS102-2.5 |
| 371034-007 | SS59-1.5 | 371034-031 | SS82-0.5 | 371034-055 | SS103-0.5 |
| 371034-008 | SS59-5.5 | 371034-032 | SS82-1.5 | 371034-056 | SS103-1.5 |
| 371034-009 | SS59-10.5 | 371034-033 | SS82-2.5 | 371034-057 | SS103-2.5 |
| 371034-010 | SS66-0.5 | 371034-034 | SS57-0.5 | 371034-058 | SS104-0.5 |
| 371034-011 | SS66-1.5 | 371034-035 | SS57-1.5 | 371034-059 | SS104-1.5 |
| 371034-012 | SS66-2.5 | 371034-036 | SS57-2.5 | 371034-060 | SS104-2.5 |
| 371034-013 | SS105-0.5 | 371034-037 | SS1-0.5 | 371034-061 | SS96-0.5 |
| 371034-014 | SS105-1.5 | 371034-038 | SS1-1.5 | 371034-062 | SS96-1.5 |
| 371034-015 | SS105-2.5 | 371034-039 | SS1-2.5 | 371034-063 | SS96-2.5 |
| 371034-016 | SS65-1.5 | 371034-040 | SS1-0.5 | 371034-064 | SS101-0.5 |
| 371034-017 | SS65-5.5 | 371034-041 | SS2-1.5 | 371034-065 | SS101-1.5 |
| 371034-018 | SS65-10.5 | 371034-042 | SS2-2.5 | 371034-066 | SS101-2.5 |
| 371034-019 | SS81-0.5 | 371034-043 | SS5-0.5 | 371034-067 | SS95-0.5 |
| 371034-020 | SS81-1.5 | 371034-044 | SS5-1.5 | 371034-068 | SS95-1.5 |
| 371034-021 | SS81-2.5 | 371034-045 | SS5-2.5 | 371034-069 | SS95-2.5 |
| 371034-022 | SS64-1.5 | 371034-046 | SS30-0.5 | 371034-070 | SS94-0.5 |
| 371034-023 | SS64-5.5 | 371034-047 | SS30-1.5 | 371034-071 | SS94-1.5 |
| 371034-024 | SS64-10.5 | 371034-048 | SS30-2.5 | 371034-072 | SS94-2.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:18 | Site: | |
| Sample #: <u>371034-001</u> | Client Sample #: SS58-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:20 | Site: | |
| Sample #: <u>371034-002</u> | Client Sample #: SS58-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:22 | Site: | |
| Sample #: 371034-003 | Client Sample #: SS58-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|----|----------------------|-----|--------------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1169049 | | | | | |
| TPH Gasoline | ND | 1 | 0.159 | 3 | mg/Kg | 07/14/16 | 07/14/16 | LT |
| <i>Surrogate</i> | <i>% Recovery</i> | | <i>Limits</i> | | <i>Notes</i> | | | |
| 4-Bromofluorobenzene (SUR) | 85 | | 60-140 | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1169051 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.24 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1 | 0.15 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.29 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.74 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.33 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1 | 0.12 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.14 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.34 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 0.24 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 0.72 | 100 | ug/Kg | 07/14/16 | ZZ | |
| 2-Chloroethyl Vinyl Ether | ND | 1 | 0.3 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2-Chlorotoluene | ND | 1 | 0.25 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Chlorotoluene | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1 | 0.27 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.17 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Acetone | ND | 1 | 10 | 100 | ug/Kg | 07/14/16 | ZZ | |
| Allyl Chloride | ND | 1 | 0.14 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Benzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromobenzene | ND | 1 | 0.3 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromochloromethane | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromodichloromethane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromoform | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromomethane | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chlorodibromomethane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloroethane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloroform | ND | 1 | 0.17 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloromethane | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:22 | Site: | |
| Sample #: <u>371034-003</u> | Client Sample #: SS58-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|----|-------------------|-----|---------------|----------|--------------|-------|
| cis-1,3-dichloropropene | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Dichlorodifluoromethane | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Ethylbenzene | ND | 1 | 0.25 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.42 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Hexachlorobutadiene | ND | 1 | 0.38 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Isopropylbenzene | ND | 1 | 0.17 | 5 | ug/Kg | 07/14/16 | ZZ | |
| m and p-Xylene | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Methylene chloride | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.25 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Naphthalene | ND | 1 | 0.28 | 5 | ug/Kg | 07/14/16 | ZZ | |
| N-butylbenzene | ND | 1 | 0.16 | 5 | ug/Kg | 07/14/16 | ZZ | |
| N-propylbenzene | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| o-Xylene | ND | 1 | 0.13 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Sec-butylbenzene | ND | 1 | 0.34 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Styrene | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| t-Butyl alcohol (TBA) | ND | 1 | 8.8 | 10 | ug/Kg | 07/14/16 | ZZ | |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Tert-butylbenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Tetrachloroethene | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Toluene | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| trans-1,2-dichloroethene | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| trans-1,3-dichloropropene | ND | 1 | 0.14 | 5 | ug/Kg | 07/14/16 | ZZ | |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.38 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/Kg | 07/14/16 | ZZ | |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | |
| 1,2-Dichloroethane-d4 (SUR) | | | 104 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | | 124 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | | 106 | | 70-145 | | | |
| Toluene-d8 (SUR) | | | 105 | | 70-145 | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:24 | Site: | |
| Sample #: <u>371034-004</u> | Client Sample #: SS106-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 44.8 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 1.737 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:25 | Site: | |
| Sample #: <u>371034-005</u> | Client Sample #: SS106-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:26 | Site: | |
| Sample #: <u>371034-006</u> | Client Sample #: SS106-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:28 | Site: | |
| Sample #: <u>371034-007</u> | Client Sample #: SS59-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:30 | Site: | |
| Sample #: <u>371034-008</u> | Client Sample #: SS59-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:32 | Site: | |
| Sample #: 371034-009 | Client Sample #: SS59-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|----|----------------------|-----|--------------|----------|-------------|-------|
| Method: EPA 8015B NELAC | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | QCBatchID: QC1169049 | | | | | |
| TPH Gasoline | ND | 1 | 0.159 | 3 | mg/Kg | 07/14/16 | 07/14/16 | LT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 85 | | 60-140 | | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | QCBatchID: QC1169051 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.24 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,1-Trichloroethane | ND | 1 | 0.15 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.29 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2-Trichloroethane | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.74 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloroethane | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloroethene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,1-Dichloropropene | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,3-Trichloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.33 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dibromoethane | ND | 1 | 0.12 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichloroethane | ND | 1 | 0.14 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,2-Dichloropropane | ND | 1 | 0.34 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.23 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3-Dichlorobenzene | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 1,4-Dichlorobenzene | ND | 1 | 0.24 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2,2-Dichloropropane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2-Butanone (MEK) | ND | 1 | 0.72 | 100 | ug/Kg | 07/14/16 | ZZ | |
| 2-Chloroethyl Vinyl Ether | ND | 1 | 0.3 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 2-Chlorotoluene | ND | 1 | 0.25 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Chlorotoluene | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Isopropyltoluene | ND | 1 | 0.27 | 5 | ug/Kg | 07/14/16 | ZZ | |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.17 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Acetone | ND | 1 | 10 | 100 | ug/Kg | 07/14/16 | ZZ | |
| Allyl Chloride | ND | 1 | 0.14 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Benzene | 0.22 J | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromobenzene | ND | 1 | 0.3 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromochloromethane | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromodichloromethane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromoform | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Bromomethane | ND | 1 | 0.22 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Carbon Tetrachloride | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chlorobenzene | ND | 1 | 0.18 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chlorodibromomethane | ND | 1 | 0.19 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloroethane | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloroform | ND | 1 | 0.17 | 5 | ug/Kg | 07/14/16 | ZZ | |
| Chloromethane | ND | 1 | 0.21 | 5 | ug/Kg | 07/14/16 | ZZ | |
| cis-1,2-Dichloroethene | ND | 1 | 0.2 | 5 | ug/Kg | 07/14/16 | ZZ | |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/24/2016 07:32

Site:

Sample #: 371034-009

Client Sample #: SS59-10.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|----|-------------------|-----|---------------|----------|-------------|--------------|
| cis-1,3-dichloropropene | ND | 1 | 0.2 | 5 | ug/Kg | | 07/14/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1 | 0.2 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Dichlorodifluoromethane | ND | 1 | 0.23 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.21 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Ethylbenzene | ND | 1 | 0.25 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.42 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Hexachlorobutadiene | ND | 1 | 0.38 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Isopropylbenzene | ND | 1 | 0.17 | 5 | ug/Kg | | 07/14/16 | ZZ |
| m and p-Xylene | ND | 1 | 0.21 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Methylene chloride | ND | 1 | 0.22 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.25 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Naphthalene | ND | 1 | 0.28 | 5 | ug/Kg | | 07/14/16 | ZZ |
| N-butylbenzene | ND | 1 | 0.16 | 5 | ug/Kg | | 07/14/16 | ZZ |
| N-propylbenzene | ND | 1 | 0.19 | 5 | ug/Kg | | 07/14/16 | ZZ |
| o-Xylene | ND | 1 | 0.13 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Sec-butylbenzene | ND | 1 | 0.34 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Styrene | ND | 1 | 0.23 | 5 | ug/Kg | | 07/14/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1 | 8.8 | 10 | ug/Kg | | 07/14/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Tert-butylbenzene | ND | 1 | 0.18 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Tetrachloroethene | ND | 1 | 0.2 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Toluene | ND | 1 | 0.23 | 5 | ug/Kg | | 07/14/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1 | 0.23 | 5 | ug/Kg | | 07/14/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1 | 0.14 | 5 | ug/Kg | | 07/14/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.38 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/Kg | | 07/14/16 | ZZ |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/Kg | | 07/14/16 | ZZ |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | <u>Limits</u> | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | | | 103 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | | 122 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | | 103 | | 70-145 | | | |
| Toluene-d8 (SUR) | | | 105 | | 70-145 | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:33 | Site: | |
| Sample #: <u>371034-010</u> | Client Sample #: SS66-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|-------------------|---------|---------------|-------|--------------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Antimony | ND | 1 | 0.37 | 3 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Arsenic | 3.46 | 1 | 0.36 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Barium | 104 | 1 | 0.23 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Beryllium | ND | 1 | 0.17 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Cadmium | 0.52 | 1 | 0.21 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Chromium | 15.7 | 1 | 0.13 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Cobalt | 11.4 | 1 | 0.19 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Copper | 17.7 | 1 | 0.31 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Lead | 11.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Molybdenum | 0.39 J | 1 | 0.13 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Nickel | 12.4 | 1 | 0.2 | 1.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Selenium | ND | 1 | 0.72 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN B |
| Silver | ND | 1 | 0.13 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Thallium | ND | 1 | 0.42 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Vanadium | 37.3 | 1 | 0.37 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Zinc | 57.8 | 1 | 0.28 | 5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 2.17 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |
| Method: EPA 7471A <i>NELAC</i> | Prep Method: EPA 7471A | | | | | | QCBatchID: QC1168664 | |
| Mercury | 0.05 J | 1 | 0.02 | 0.14 | mg/Kg | 06/27/16 | 06/28/16 | JP |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.35 | 0.21465 | 4.05 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 4-Bromofluorobenzene (SUR) | | 87 | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.89 | 0.1335 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.89 | 0.2581 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.89 | 0.6586 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.89 | 0.2937 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.89 | 0.1068 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.89 | 0.2136 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | 2.1 J | 0.89 | 0.6408 | 89 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 0.89 | 0.267 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/24/2016 07:33

Site:

Sample #: **371034-010**

Client Sample #: SS66-0.5

Sample Type:

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-----------------------------|---------------|------|--------|------|-------|----------|-------------|-------|
| 2-Chlorotoluene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.89 | 0.2403 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Acetone | 11 J | 0.89 | 8.9 | 89 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Benzene | 0.58 J | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromobenzene | ND | 0.89 | 0.267 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromoform | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroform | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,3-dichloropropene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.89 | 0.3738 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 0.89 | 0.1513 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 0.89 | 0.1869 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methylene chloride | ND | 0.89 | 0.1958 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 0.89 | 0.2492 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 0.89 | 0.1424 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 0.89 | 0.1157 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 0.89 | 0.3026 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Styrene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.89 | 7.832 | 8.9 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.89 | 0.1691 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 0.89 | 0.178 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Toluene | 0.26 J | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,2-dichloroethene | ND | 0.89 | 0.2047 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.89 | 0.1246 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.89 | 0.3382 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 0.89 | 0.3471 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 0.89 | 0.2225 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 0.89 | 0.1602 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 0.89 | 0.4005 | 4.45 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:33 | Site: | |
| Sample #: <u>371034-010</u> | Client Sample #: SS66-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|-------------------|----|-----|---------------|--------------|----------|-------------|-------|
| <i>Surrogate</i> | <i>% Recovery</i> | | | <i>Limits</i> | <i>Notes</i> | | | |
| 1,2-Dichloroethane-d4 (SUR) | 118 | | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | 107 | | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | 108 | | | 70-145 | | | | |
| Toluene-d8 (SUR) | 94 | | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:34 | Site: | |
| Sample #: <u>371034-011</u> | Client Sample #: SS66-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:35 | Site: | |
| Sample #: <u>371034-012</u> | Client Sample #: SS66-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:43 | Site: | |
| Sample #: <u>371034-013</u> | Client Sample #: SS105-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 2.88 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 0.826 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:44 | Site: | |
| Sample #: <u>371034-014</u> | Client Sample #: SS105-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 07:45 | Site: | |
| Sample #: <u>371034-015</u> | Client Sample #: SS105-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:05 | Site: | |
| Sample #: <u>371034-016</u> | Client Sample #: SS65-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:07 | Site: | |
| Sample #: <u>371034-017</u> | Client Sample #: SS65-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:10 | Site: | |
| Sample #: 371034-018 | Client Sample #: SS65-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.19 | 0.18921 | 3.57 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 95 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.96 | 0.2304 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 0.96 | 0.144 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 0.96 | 0.2784 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 0.96 | 0.2112 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 0.96 | 0.7104 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 0.96 | 0.2016 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 0.96 | 0.3168 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 0.96 | 0.2688 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 0.96 | 0.1152 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 0.96 | 0.1344 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 0.96 | 0.3264 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 0.96 | 0.2016 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 0.96 | 0.2304 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | ND | 0.96 | 0.6912 | 96 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 0.96 | 0.288 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 0.96 | 0.24 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 0.96 | 0.2112 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 0.96 | 0.2592 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 0.96 | 0.1632 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Acetone | ND | 0.96 | 9.6 | 96 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 0.96 | 0.1344 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Benzene | 1.7 J | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromobenzene | ND | 0.96 | 0.288 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromoform | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 0.96 | 0.2112 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroform | ND | 0.96 | 0.1632 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 0.96 | 0.2016 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:10 | Site: | |
| Sample #: <u>371034-018</u> | Client Sample #: SS65-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 0.96 | 0.2016 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 0.96 | 0.24 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 0.96 | 0.4032 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 0.96 | 0.3648 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 0.96 | 0.1632 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 0.96 | 0.2016 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methylene chloride | 0.25 J | 0.96 | 0.2112 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 0.96 | 0.24 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 0.96 | 0.2688 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 0.96 | 0.1536 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 0.96 | 0.1248 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 0.96 | 0.3264 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Styrene | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 0.96 | 8.448 | 9.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 0.96 | 0.1824 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 0.96 | 0.192 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Toluene | 0.60 J | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,2-dichloroethene | ND | 0.96 | 0.2208 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 0.96 | 0.1344 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 0.96 | 0.3648 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 0.96 | 0.3744 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 0.96 | 0.24 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 0.96 | 0.1728 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 0.96 | 0.432 | 4.8 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 124 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 107 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 108 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 91 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:15 | Site: | |
| Sample #: <u>371034-019</u> | Client Sample #: SS81-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 32.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 8.74 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:15 | Site: | |
| Sample #: <u>371034-020</u> | Client Sample #: SS81-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:17 | Site: | |
| Sample #: <u>371034-021</u> | Client Sample #: SS81-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:24 | Site: | |
| Sample #: <u>371034-022</u> | Client Sample #: SS64-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:25 | Site: | |
| Sample #: <u>371034-023</u> | Client Sample #: SS64-5.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:26 | Site: | |
| Sample #: 371034-024 | Client Sample #: SS64-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.09 | 0.17331 | 3.27 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 91 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.32 | 0.198 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.32 | 0.3828 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.32 | 0.9768 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.32 | 0.4356 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.32 | 0.1584 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.32 | 0.3168 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.32 | 0.9504 | 132 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.32 | 0.396 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.32 | 0.3564 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Acetone | ND | 1.32 | 13.2 | 132 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Benzene | 0.93 J | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromobenzene | ND | 1.32 | 0.396 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromoform | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 1.32 | 0.2904 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroform | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:26 | Site: | |
| Sample #: <u>371034-024</u> | Client Sample #: SS64-10.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.32 | 0.33 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.32 | 0.5544 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.32 | 0.2244 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1.32 | 0.2772 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methylene chloride | 0.47 J | 1.32 | 0.2904 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.32 | 0.33 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.32 | 0.3696 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.32 | 0.2112 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.32 | 0.1716 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.32 | 0.4488 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.32 | 11.616 | 13.2 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.32 | 0.2508 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.32 | 0.264 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Toluene | 0.45 J | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.32 | 0.3036 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.32 | 0.1848 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.32 | 0.5016 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.32 | 0.5148 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.32 | 0.33 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.32 | 0.2376 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.32 | 0.594 | 6.6 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 125 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 107 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 114 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 100 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:32 | Site: | |
| Sample #: <u>371034-025</u> | Client Sample #: SS84-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 20.1 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 3.22 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:33 | Site: | |
| Sample #: <u>371034-026</u> | Client Sample #: SS84-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:34 | Site: | |
| Sample #: <u>371034-027</u> | Client Sample #: SS84-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:50 | Site: | |
| Sample #: <u>371034-028</u> | Client Sample #: SS83-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 47.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 4.28 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:51 | Site: | |
| Sample #: <u>371034-029</u> | Client Sample #: SS83-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 08:52 | Site: | |
| Sample #: <u>371034-030</u> | Client Sample #: SS83-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:03 | Site: | |
| Sample #: <u>371034-031</u> | Client Sample #: SS82-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 88.7 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | |
| Arsenic | 2.66 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:04 | Site: | |
| Sample #: <u>371034-032</u> | Client Sample #: SS82-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:05 | Site: | |
| Sample #: <u>371034-033</u> | Client Sample #: SS82-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:01 | Site: | |
| Sample #: 371034-034 | Client Sample #: SS57-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.09 | 0.17331 | 3.27 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 94 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.02 | 0.2448 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.02 | 0.153 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.02 | 0.2958 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.02 | 0.7548 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.02 | 0.3366 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.02 | 0.2856 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.02 | 0.1224 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.02 | 0.3468 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.02 | 0.2448 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Butanone (MEK) | 2.0 J | 1.02 | 0.7344 | 102 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.02 | 0.306 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1.02 | 0.255 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.02 | 0.2754 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Acetone | 14 J | 1.02 | 10.2 | 102 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Allyl Chloride | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Benzene | 1.6 J | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromobenzene | ND | 1.02 | 0.306 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromoform | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Bromomethane | ND | 1.02 | 0.2244 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroethane | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloroform | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Chloromethane | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:01 | Site: | |
| Sample #: <u>371034-034</u> | Client Sample #: SS57-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dibromomethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1.02 | 0.255 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.02 | 0.4284 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1.02 | 0.3876 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1.02 | 0.1734 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1.02 | 0.2142 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methylene chloride | 0.35 J | 1.02 | 0.2244 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.02 | 0.255 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Naphthalene | ND | 1.02 | 0.2856 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1.02 | 0.1632 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| o-Xylene | ND | 1.02 | 0.1326 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1.02 | 0.3468 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Styrene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.02 | 8.976 | 10.2 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.02 | 0.1938 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1.02 | 0.204 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Toluene | 0.63 J | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.02 | 0.2346 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.02 | 0.1428 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.02 | 0.3876 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichloroethene | ND | 1.02 | 0.3978 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1.02 | 0.255 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1.02 | 0.1836 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1.02 | 0.459 | 5.1 | ug/Kg | 06/25/16 | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 118 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 104 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 108 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 105 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:02 | Site: | |
| Sample #: <u>371034-035</u> | Client Sample #: SS57-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:03 | Site: | |
| Sample #: <u>371034-036</u> | Client Sample #: SS57-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|-----------------------------|---|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:31 | Site: SS1-0.5 | |
| Sample #: <u>371034-037</u> | Client Sample #: SS1-0.5 | Sample Type: |


| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | | |
| Lead | 118 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | | |
| Arsenic | 2.35 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN | |

| | | |
|-----------------------------|----------------------------|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:32 | Site: | |
| Sample #: <u>371034-038</u> | Client Sample #: SS1-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|-----------------------------|----------------------------|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:33 | Site: | |
| Sample #: <u>371034-039</u> | Client Sample #: SS1-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|-----------------------------|---|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:36 | Site: SS1-0.5  | |
| Sample #: <u>371034-040</u> | Client Sample #: SS1-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | | |
| Lead | 194 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168708 | | |
| Arsenic | 3.38 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN | |

| | | |
|-----------------------------|----------------------------|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:38 | Site: | |
| Sample #: <u>371034-041</u> | Client Sample #: SS2-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|-----------------------------|----------------------------|-------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:40 | Site: | |
| Sample #: <u>371034-042</u> | Client Sample #: SS2-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:34 | Site: | |
| Sample #: 371034-043 | Client Sample #: SS5-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-----------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 8015B NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.02 | 0.16218 | 3.06 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 93 | | | 60-140 | | | | |
| Method: EPA 8082 NELAC | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B NELAC | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.14 | 0.171 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1.14 | 0.3306 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.14 | 0.8436 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.14 | 0.3762 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.14 | 0.1368 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.14 | 0.8208 | 114 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chlorotoluene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Chlorotoluene | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.14 | 0.3078 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Acetone | 13 J | 1.14 | 11.4 | 114 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Allyl Chloride | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Benzene | 3.7 J | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromobenzene | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromochloromethane | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromodichloromethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromoform | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromomethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Carbon Tetrachloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorodibromomethane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloroethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloroform | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloromethane | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:34 | Site: | |
| Sample #: <u>371034-043</u> | Client Sample #: SS5-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| cis-1,3-dichloropropene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dibromomethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethylbenzene | 0.31 J | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.14 | 0.4788 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Hexachlorobutadiene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Isopropylbenzene | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| m and p-Xylene | 0.41 J | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methylene chloride | 0.26 J | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Naphthalene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-butylbenzene | ND | 1.14 | 0.1824 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-propylbenzene | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| o-Xylene | 0.27 J | 1.14 | 0.1482 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Sec-butylbenzene | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Styrene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.14 | 10.032 | 11.4 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-butylbenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tetrachloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Toluene | 1.8 J | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichloroethene | ND | 1.14 | 0.4446 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichlorofluoromethane | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Vinyl Chloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Xylenes (Total) | 0.68 J | 1.14 | 0.513 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 126 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 111 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 106 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 104 | | 70-145 | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:35 | Site: | |
| Sample #: <u>371034-044</u> | Client Sample #: SS5-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:36 | Site: | |
| Sample #: <u>371034-045</u> | Client Sample #: SS5-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:42 | Site: | |
| Sample #: <u>371034-046</u> | Client Sample #: SS30-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 26.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 1.640 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:45 | Site: | |
| Sample #: <u>371034-047</u> | Client Sample #: SS30-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:46 | Site: | |
| Sample #: <u>371034-048</u> | Client Sample #: SS30-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:51 | Site: | |
| Sample #: <u>371034-049</u> | Client Sample #: SS29-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 26.0 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 2.94 J | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:52 | Site: | |
| Sample #: <u>371034-050</u> | Client Sample #: SS29-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:54 | Site: | |
| Sample #: <u>371034-051</u> | Client Sample #: SS29-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:58 | Site: | |
| Sample #: <u>371034-052</u> | Client Sample #: SS102-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 92.3 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 7.23 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 09:59 | Site: | |
| Sample #: <u>371034-053</u> | Client Sample #: SS102-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:00 | Site: | |
| Sample #: <u>371034-054</u> | Client Sample #: SS102-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:02 | Site: | |
| Sample #: <u>371034-055</u> | Client Sample #: SS103-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 146 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 5.47 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:03 | Site: | |
| Sample #: <u>371034-056</u> | Client Sample #: SS103-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:04 | Site: | |
| Sample #: <u>371034-057</u> | Client Sample #: SS103-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:05 | Site: | |
| Sample #: <u>371034-058</u> | Client Sample #: SS104-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 35.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 4.63 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:06 | Site: | |
| Sample #: <u>371034-059</u> | Client Sample #: SS104-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:07 | Site: | |
| Sample #: <u>371034-060</u> | Client Sample #: SS104-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:09 | Site: | |
| Sample #: <u>371034-061</u> | Client Sample #: SS96-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 154 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 7.34 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:10 | Site: | |
| Sample #: <u>371034-062</u> | Client Sample #: SS96-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:11 | Site: | |
| Sample #: <u>371034-063</u> | Client Sample #: SS96-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:14 | Site: | |
| Sample #: <u>371034-064</u> | Client Sample #: SS101-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 104 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 21.1 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:15 | Site: | |
| Sample #: <u>371034-065</u> | Client Sample #: SS101-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:16 | Site: | |
| Sample #: <u>371034-066</u> | Client Sample #: SS101-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:18 | Site: | |
| Sample #: <u>371034-067</u> | Client Sample #: SS95-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168666 |
| Lead | 112 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168709 |
| Arsenic | 5.24 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:20 | Site: | |
| Sample #: <u>371034-068</u> | Client Sample #: SS95-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:21 | Site: | |
| Sample #: <u>371034-069</u> | Client Sample #: SS95-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:24 | Site: | |
| Sample #: <u>371034-070</u> | Client Sample #: SS94-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168666 |
| Lead | 24.8 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1168709 |
| Arsenic | 10.7 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:25 | Site: | |
| Sample #: <u>371034-071</u> | Client Sample #: SS94-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:26 | Site: | |
| Sample #: <u>371034-072</u> | Client Sample #: SS94-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:39 | Site: | |
| Sample #: 371034-073 | Client Sample #: SS31-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168666 | |
| Lead | 29.4 | 1 | 0.32 | 0.5 | mg/Kg | 06/25/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 9.53 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.09 | 0.17331 | 3.27 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 95 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.14 | 0.171 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.14 | 0.3306 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.14 | 0.8436 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.14 | 0.3762 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.14 | 0.1368 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.14 | 0.2736 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Butanone (MEK) | ND | 1.14 | 0.8208 | 114 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chlorotoluene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Chlorotoluene | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.14 | 0.3078 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Acetone | ND | 1.14 | 11.4 | 114 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Allyl Chloride | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Benzene | 1.2 J | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromobenzene | ND | 1.14 | 0.342 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromochloromethane | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromodichloromethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromoform | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromomethane | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Carbon Tetrachloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorobenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorodibromomethane | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:39 | Site: | |
| Sample #: <u>371034-073</u> | Client Sample #: SS31-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Chloroethane | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloroform | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloromethane | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dibromomethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethylbenzene | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.14 | 0.4788 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Hexachlorobutadiene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Isopropylbenzene | ND | 1.14 | 0.1938 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| m and p-Xylene | ND | 1.14 | 0.2394 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methylene chloride | ND | 1.14 | 0.2508 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Naphthalene | ND | 1.14 | 0.3192 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-butylbenzene | ND | 1.14 | 0.1824 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-propylbenzene | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| o-Xylene | ND | 1.14 | 0.1482 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Sec-butylbenzene | ND | 1.14 | 0.3876 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Styrene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.14 | 10.032 | 11.4 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.14 | 0.2166 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-butylbenzene | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tetrachloroethene | ND | 1.14 | 0.228 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Toluene | 0.57 J | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.14 | 0.2622 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.14 | 0.1596 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.14 | 0.4332 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichloroethene | ND | 1.14 | 0.4446 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichlorofluoromethane | ND | 1.14 | 0.285 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Vinyl Chloride | ND | 1.14 | 0.2052 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Xylenes (Total) | ND | 1.14 | 0.513 | 5.7 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 120 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 103 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 108 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 98 | | 70-145 | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:45 | Site: | |
| Sample #: <u>371034-074</u> | Client Sample #: SS31-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|--------------|-----|-----|-------|----------|-------------|-------|
| Method: | | Prep Method: | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:48 | Site: | |
| Sample #: <u>371034-075</u> | Client Sample #: SS31-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:52 | Site: | |
| Sample #: <u>371034-076</u> | Client Sample #: SS26-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168682 | |
| Lead | 30.2 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 5.79 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:53 | Site: | |
| Sample #: <u>371034-077</u> | Client Sample #: SS26-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:54 | Site: | |
| Sample #: <u>371034-078</u> | Client Sample #: SS26-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 10:57 | Site: | |
| Sample #: <u>371034-079</u> | Client Sample #: SS25-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168682 | |
| Lead | 54.6 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 4.71 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:00 | Site: | |
| Sample #: <u>371034-080</u> | Client Sample #: SS25-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:03 | Site: | |
| Sample #: <u>371034-081</u> | Client Sample #: SS25-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:09 | Site: | |
| Sample #: 371034-082 | Client Sample #: SS28-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168682 | |
| Lead | 29.9 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 8.54 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.04 | 0.16536 | 3.12 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 90 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.04 | 0.2496 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.04 | 0.156 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.04 | 0.3016 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.04 | 0.2288 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.04 | 0.7696 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.04 | 0.2184 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.04 | 0.3432 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.04 | 0.2912 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.04 | 0.1248 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.04 | 0.1456 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.04 | 0.3536 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.04 | 0.2184 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.04 | 0.2496 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Butanone (MEK) | 1.7 J | 1.04 | 0.7488 | 104 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.04 | 0.312 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chlorotoluene | ND | 1.04 | 0.26 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Chlorotoluene | ND | 1.04 | 0.2288 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.04 | 0.2808 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1.04 | 0.1768 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Acetone | 12 J | 1.04 | 10.4 | 104 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Allyl Chloride | ND | 1.04 | 0.1456 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Benzene | 1.3 J | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromobenzene | ND | 1.04 | 0.312 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromochloromethane | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromodichloromethane | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromoform | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromomethane | ND | 1.04 | 0.2288 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Carbon Tetrachloride | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorobenzene | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorodibromomethane | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:09 | Site: | |
| Sample #: 371034-082 | Client Sample #: SS28-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|-------------------|--------|---------------|-------|--------------|-------------|-------|
| Chloroethane | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloroform | ND | 1.04 | 0.1768 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloromethane | ND | 1.04 | 0.2184 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dibromomethane | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.04 | 0.2184 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethylbenzene | ND | 1.04 | 0.26 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.04 | 0.4368 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Hexachlorobutadiene | ND | 1.04 | 0.3952 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Isopropylbenzene | ND | 1.04 | 0.1768 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| m and p-Xylene | 1.1 J | 1.04 | 0.2184 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methylene chloride | 0.68 J | 1.04 | 0.2288 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.04 | 0.26 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Naphthalene | ND | 1.04 | 0.2912 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-butylbenzene | ND | 1.04 | 0.1664 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-propylbenzene | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| o-Xylene | 0.40 J | 1.04 | 0.1352 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Sec-butylbenzene | ND | 1.04 | 0.3536 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Styrene | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.04 | 9.152 | 10.4 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.04 | 0.1976 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-butylbenzene | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tetrachloroethene | ND | 1.04 | 0.208 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Toluene | 0.62 J | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.04 | 0.2392 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.04 | 0.1456 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.04 | 0.3952 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichloroethene | ND | 1.04 | 0.4056 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichlorofluoromethane | ND | 1.04 | 0.26 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Vinyl Chloride | ND | 1.04 | 0.1872 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Xylenes (Total) | 1.5 J | 1.04 | 0.468 | 5.2 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | 118 | | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | 105 | | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | 107 | | 70-145 | | | | |
| Toluene-d8 (SUR) | | 106 | | 70-145 | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:10 | Site: | |
| Sample #: 371034-083 | Client Sample #: SS28-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|--------------|-----|-----|-------|----------|-------------|-------|
| Method: | | Prep Method: | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:11 | Site: | |
| Sample #: <u>371034-084</u> | Client Sample #: SS28-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:13 | Site: | |
| Sample #: <u>371034-085</u> | Client Sample #: SS93-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168682 | |
| Lead | 190 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 3.23 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:16 | Site: | |
| Sample #: <u>371034-086</u> | Client Sample #: SS93-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:19 | Site: | |
| Sample #: <u>371034-087</u> | Client Sample #: SS93-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:22 | Site: | |
| Sample #: 371034-088 | Client Sample #: SS27-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------------|------------------------|------|---------|---------------|--------------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168682 | |
| Lead | 117 | 1 | 0.32 | 0.5 | mg/Kg | 06/27/16 | 06/28/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1168709 | |
| Arsenic | 14.5 | 10 | 0.2 | 3 | mg/Kg | 06/27/16 | 07/01/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168647 | |
| TPH Gasoline | ND | 1.39 | 0.22101 | 4.17 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 92 | | | 60-140 | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5035 | | | | | | QCBatchID: QC1168642 | |
| 1,1,1,2-Tetrachloroethane | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1.09 | 0.1635 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,1,2,2-Tetrachloroethane | ND | 1.09 | 0.3161 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1.09 | 0.8066 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloroethene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,1-Dichloropropene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1.09 | 0.3597 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dibromoethane | ND | 1.09 | 0.1308 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloroethane | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,2-Dichloropropane | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,3-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1.09 | 0.2616 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2,2-Dichloropropane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Butanone (MEK) | 2.8 J | 1.09 | 0.7848 | 109 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 2-Chlorotoluene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Chlorotoluene | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Isopropyltoluene | ND | 1.09 | 0.2943 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | 1.2 J | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Acetone | 29 J | 1.09 | 10.9 | 109 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Allyl Chloride | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Benzene | 1.1 J | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromobenzene | ND | 1.09 | 0.327 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromochloromethane | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromodichloromethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromoform | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Bromomethane | ND | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Carbon Tetrachloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorobenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chlorodibromomethane | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |

| | | |
|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:22 | Site: | |
| Sample #: 371034-088 | Client Sample #: SS27-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|------|-------------------|---------------|-------|--------------|-------------|-------|
| Chloroethane | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloroform | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Chloromethane | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dibromomethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Dichlorodifluoromethane | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethylbenzene | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1.09 | 0.4578 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Hexachlorobutadiene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Isopropylbenzene | ND | 1.09 | 0.1853 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| m and p-Xylene | 0.26 J | 1.09 | 0.2289 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methylene chloride | 1.1 J | 1.09 | 0.2398 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Naphthalene | ND | 1.09 | 0.3052 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-butylbenzene | ND | 1.09 | 0.1744 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| N-propylbenzene | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| o-Xylene | ND | 1.09 | 0.1417 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Sec-butylbenzene | ND | 1.09 | 0.3706 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Styrene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1.09 | 9.592 | 10.9 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1.09 | 0.2071 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tert-butylbenzene | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Tetrachloroethene | ND | 1.09 | 0.218 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Toluene | 0.79 J | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1.09 | 0.2507 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1.09 | 0.1526 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1.09 | 0.4142 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichloroethene | ND | 1.09 | 0.4251 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Trichlorofluoromethane | ND | 1.09 | 0.2725 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Vinyl Chloride | ND | 1.09 | 0.1962 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| Xylenes (Total) | ND | 1.09 | 0.4905 | 5.45 | ug/Kg | 06/25/16 | 06/26/16 | ZZ |
| <u>Surrogate</u> | | | <u>% Recovery</u> | <u>Limits</u> | | <u>Notes</u> | | |
| 1,2-Dichloroethane-d4 (SUR) | | | 119 | 70-145 | | | | |
| 4-Bromofluorobenzene (SUR) | | | 101 | 70-145 | | | | |
| Dibromodifluoromethane (SUR) | | | 104 | 70-145 | | | | |
| Toluene-d8 (SUR) | | | 102 | 70-145 | | | | |

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|----------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:24 | Site: | |
| Sample #: 371034-089 | Client Sample #: SS27-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|------------|
| Method: | | | | | | | | QCBatchID: |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 11:25 | Site: | |
| Sample #: <u>371034-090</u> | Client Sample #: SS27-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|----------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|-----------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: 371034-091 | Client Sample #: EQBL624 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|---------------|-------|----------|----------------------|--------------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168717 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1168702 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 06/24/16 | 06/28/16 | KLN |
| Method: EPA 8015B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168646 | |
| TPH Gasoline | ND | 1 | 6.6 | 50 | ug/L | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | | <u>Limits</u> | | | | <u>Notes</u> |
| 4-Bromofluorobenzene (SUR) | 96 | | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | Prep Method: EPA 5030B | | | | | | QCBatchID: QC1168653 | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1,1-Trichloroethane | ND | 1 | 0.38 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1,2-Trichloroethane | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 0.29 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1-Dichloroethane | ND | 1 | 0.32 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1-Dichloroethene | ND | 1 | 0.3 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,1-Dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 0.28 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2,3-Trichloropropane | ND | 1 | 0.16 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 0.27 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 0.28 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 0.12 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2-Dibromoethane | ND | 1 | 0.19 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2-Dichlorobenzene | ND | 1 | 0.26 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2-Dichloroethane | ND | 1 | 0.2 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,2-Dichloropropane | ND | 1 | 0.36 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,3-Dichlorobenzene | ND | 1 | 0.34 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,3-Dichloropropane | ND | 1 | 0.19 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 1,4-Dichlorobenzene | ND | 1 | 0.43 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 2,2-Dichloropropane | ND | 1 | 0.32 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 2-Butanone (MEK) | ND | 1 | 0.78 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 2-Chlorotoluene | ND | 1 | 0.33 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 4-Chlorotoluene | ND | 1 | 0.31 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 4-Isopropyltoluene | ND | 1 | 0.32 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 0.12 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Acetone | ND | 1 | 10 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Allyl Chloride | ND | 1 | 0.19 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Benzene | ND | 1 | 0.18 | 1 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Bromobenzene | ND | 1 | 0.53 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Bromochloromethane | ND | 1 | 0.17 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Bromodichloromethane | ND | 1 | 0.31 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Bromoform | ND | 1 | 0.13 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Bromomethane | ND | 1 | 0.68 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Carbon Tetrachloride | ND | 1 | 0.27 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Chlorobenzene | ND | 1 | 0.19 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Chlorodibromomethane | ND | 1 | 0.21 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Chloroethane | ND | 1 | 0.45 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Chloroform | ND | 1 | 0.18 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Chloromethane | ND | 1 | 0.27 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| cis-1,2-Dichloroethene | ND | 1 | 0.27 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| cis-1,3-dichloropropene | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-091</u> | Client Sample #: EQBL624 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|---------------|----|-------------------|-----|-------|----------|-------------|--------------|
| cis-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Dibromomethane | ND | 1 | 0.23 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Dichlorodifluoromethane | ND | 1 | 0.33 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 0.17 | 1 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Ethylbenzene | ND | 1 | 0.21 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 0.23 | 1 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Hexachlorobutadiene | ND | 1 | 0.51 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Isopropylbenzene | ND | 1 | 0.24 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| m and p-Xylene | ND | 1 | 0.45 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Methylene chloride | 0.17 J | 1 | 0.16 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 0.19 | 1 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Naphthalene | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| N-butylbenzene | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| N-propylbenzene | ND | 1 | 0.31 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| o-Xylene | ND | 1 | 0.29 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Sec-butylbenzene | ND | 1 | 0.32 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Styrene | ND | 1 | 0.22 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| t-Butyl alcohol (TBA) | ND | 1 | 5.2 | 10 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Tert-amylmethylether (TAME) | ND | 1 | 0.19 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Tert-butylbenzene | ND | 1 | 0.4 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Tetrachloroethene | ND | 1 | 0.8 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Toluene | ND | 1 | 0.24 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| trans-1,2-dichloroethene | ND | 1 | 0.33 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| trans-1,3-dichloropropene | ND | 1 | 0.23 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 0.17 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Trichloroethene | ND | 1 | 0.39 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Trichlorofluoromethane | ND | 1 | 0.25 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Vinyl Chloride | ND | 1 | 0.18 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| Xylenes (Total) | ND | 1 | 0.45 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ |
| <u>Surrogate</u> | | | <u>% Recovery</u> | | | | | <u>Notes</u> |
| 1,2-Dichloroethane-d4 (SUR) | | | 105 | | | | | 70-145 |
| 4-Bromofluorobenzene (SUR) | | | 114 | | | | | 70-145 |
| Dibromodifluoromethane (SUR) | | | 93 | | | | | 70-145 |
| Toluene-d8 (SUR) | | | 108 | | | | | 70-145 |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-092</u> | Client Sample #: COMP 1 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------|--------------|----|------------|-----|-------|----------|-------------|-------|
| Method: EPA 8081A NELAC | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-093</u> | Client Sample #: COMP 6 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------|--------------|----|------------|-----|-------|----------|-------------|-------|
| Method: EPA 8081A NELAC | Prep Method: | | QCBatchID: | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-094</u> | Client Sample #: COMP 7 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-095</u> | Client Sample #: COMP 8 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-096</u> | Client Sample #: COMP 18 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-097</u> | Client Sample #: COMP 21 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-098</u> | Client Sample #: COMP 23 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371034-099</u> | Client Sample #: COMP 24 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|---------------|-----------|------------|------------|--------------|-----------------|--------------------|--------------|
| Method: EPA 8081A <i>NELAC</i> | | | | | | | QCBatchID: | |
| Prep Method: | | | | | | | | |
| See Attached | | 1 | | | | | | |

QCBatchID: **QC1168642**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/25/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168642MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

| | | |
|-------------------------------------|-----------------------------|-----------------------------------|
| QC BatchID: QC1168642 | Analyst: lucy | Method: EPA 8260B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168642MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168642LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 55 | | ug/Kg | 110 | | | 59-172 | | |
| Benzene | 50 | | 53 | | ug/Kg | 106 | | | 62-137 | | |
| Chlorobenzene | 50 | | 46 | | ug/Kg | 92 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 50 | | ug/Kg | 100 | | | 62-137 | | |
| Toluene | 50 | | 47 | | ug/Kg | 94 | | | 59-139 | | |
| Trichloroethene | 50 | | 46 | | ug/Kg | 92 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168642MS1, QC1168642MSD1 | | | | | | | | | | | | |
| Source: 371016-001 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 54 | 49 | ug/Kg | 108 | 98 | 9.7 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 55 | 49 | ug/Kg | 110 | 98 | 11.5 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 47 | 45 | ug/Kg | 94 | 90 | 4.3 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 56 | 51 | ug/Kg | 112 | 102 | 9.3 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 48 | 45 | ug/Kg | 96 | 90 | 6.5 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 47 | 43 | ug/Kg | 94 | 86 | 8.9 | 66-142 | 21 | |

| | | |
|-------------------------------------|-----------------------------|-----------------------------------|
| QC BatchID: QC1168646 | Analyst: ttran | Method: EPA 8015B |
| Matrix: Water | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-----|-----|-------|
| QC1168646MB1 | | | | | |
| TPH Gasoline | ND | ug/L | 6.6 | 50 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168646LCS1, QC1168646LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 500 | 500 | 435 | 445 | ug/L | 87 | 89 | 2 | 70-130 | 30 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168647</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-----|-------|
| QC1168647MB1 | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168647LCS1, QC1168647LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.38 | 4.33 | mg/Kg | 88 | 87 | 1 | 70-130 | 20 | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168647MS1, QC1168647MSD1 | | | | | | | | | | | | |
| TPH Gasoline | ND | 5 | 5 | 3.26 | 3.13 | mg/Kg | 65 | 63 | 4.1 | 70-130 | 20 | M |

QCBatchID: **QC1168653**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/26/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1168653MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/L | 0.38 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/L | 0.25 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 0.29 | 5 | |
| 1,1-Dichloroethane | ND | ug/L | 0.32 | 5 | |
| 1,1-Dichloroethene | ND | ug/L | 0.3 | 5 | |
| 1,1-Dichloropropene | ND | ug/L | 0.25 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 0.28 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/L | 0.16 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.27 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 0.12 | 5 | |
| 1,2-Dibromoethane | ND | ug/L | 0.19 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.26 | 5 | |
| 1,2-Dichloroethane | ND | ug/L | 0.2 | 5 | |
| 1,2-Dichloropropane | ND | ug/L | 0.36 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 0.24 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.34 | 5 | |
| 1,3-Dichloropropane | ND | ug/L | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.43 | 5 | |
| 2,2-Dichloropropane | ND | ug/L | 0.32 | 5 | |
| 2-Butanone (MEK) | ND | ug/L | 0.78 | 100 | |
| 2-Chlorotoluene | ND | ug/L | 0.33 | 5 | |
| 4-Chlorotoluene | ND | ug/L | 0.31 | 5 | |
| 4-Isopropyltoluene | ND | ug/L | 0.32 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 0.12 | 5 | |
| Acetone | ND | ug/L | 10 | 100 | |
| Allyl Chloride | ND | ug/L | 0.19 | 5 | |
| Benzene | ND | ug/L | 0.18 | 1 | |
| Bromobenzene | ND | ug/L | 0.53 | 5 | |
| Bromochloromethane | ND | ug/L | 0.17 | 5 | |
| Bromodichloromethane | ND | ug/L | 0.31 | 5 | |
| Bromoform | ND | ug/L | 0.13 | 5 | |
| Bromomethane | ND | ug/L | 0.68 | 5 | |
| Carbon Tetrachloride | ND | ug/L | 0.27 | 5 | |
| Chlorobenzene | ND | ug/L | 0.19 | 5 | |
| Chlorodibromomethane | ND | ug/L | 0.21 | 5 | |
| Chloroethane | ND | ug/L | 0.45 | 5 | |
| Chloroform | ND | ug/L | 0.18 | 5 | |
| Chloromethane | ND | ug/L | 0.27 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/L | 0.27 | 5 | |
| cis-1,3-dichloropropene | ND | ug/L | 0.25 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Dibromomethane | ND | ug/L | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/L | 0.33 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/L | 0.17 | 1 | |
| Ethylbenzene | ND | ug/L | 0.21 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/L | 0.23 | 1 | |
| Hexachlorobutadiene | ND | ug/L | 0.51 | 5 | |
| Isopropylbenzene | ND | ug/L | 0.24 | 5 | |

QCBatchID: **QC1168653**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/26/2016

Instrument: VOA-MS (group)

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1168653MB1 | | | | | |
| m and p-Xylene | ND | ug/L | 0.45 | 5 | |
| Methylene chloride | ND | ug/L | 0.16 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 0.19 | 1 | |
| Naphthalene | ND | ug/L | 0.25 | 5 | |
| N-butylbenzene | ND | ug/L | 0.25 | 5 | |
| N-propylbenzene | ND | ug/L | 0.31 | 5 | |
| o-Xylene | ND | ug/L | 0.29 | 5 | |
| Sec-butylbenzene | ND | ug/L | 0.32 | 5 | |
| Styrene | ND | ug/L | 0.22 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/L | 5.2 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/L | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/L | 0.4 | 5 | |
| Tetrachloroethene | ND | ug/L | 0.8 | 5 | |
| Toluene | ND | ug/L | 0.24 | 5 | |
| trans-1,2-dichloroethene | ND | ug/L | 0.33 | 5 | |
| trans-1,3-dichloropropene | ND | ug/L | 0.23 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/L | 0.17 | 5 | |
| Trichloroethene | ND | ug/L | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/L | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/L | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/L | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168653LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 47 | | ug/L | 94 | | | 59-172 | | |
| Benzene | 50 | | 47 | | ug/L | 94 | | | 62-137 | | |
| Chlorobenzene | 50 | | 47 | | ug/L | 94 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 44 | | ug/L | 88 | | | 62-137 | | |
| Toluene | 50 | | 51 | | ug/L | 102 | | | 59-139 | | |
| Trichloroethene | 50 | | 51 | | ug/L | 102 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168653MS1, QC1168653MSD1 | | | | | | | | | | | | |
| Source: 371034-091 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 46 | 48 | ug/L | 92 | 96 | 4.3 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 45 | 48 | ug/L | 90 | 96 | 6.5 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 48 | 48 | ug/L | 96 | 96 | 0.0 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 39 | 46 | ug/L | 78 | 92 | 16.5 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 51 | 53 | ug/L | 102 | 106 | 3.8 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 49 | 50 | ug/L | 98 | 100 | 2.0 | 66-142 | 21 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168664</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 06/28/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|------|-------|
| QC1168664MB1 | | | | | |
| Mercury | ND | mg/Kg | 0.02 | 0.14 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168664LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.82 | | mg/Kg | 99 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168664MS1, QC1168664MSD1 | | | | | | | | | | | | |
| Mercury | 0.08 | 0.83 | 0.83 | 0.86 | 0.89 | mg/Kg | 94 | 98 | 3.4 | 75-125 | 20 | Source: 371033-001 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168666</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168666MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | 1.15 | mg/Kg | 0.72 | 1 | B | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168666LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 204 | | mg/Kg | 102 | | | 80-120 | | |
| Arsenic | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Barium | 200 | | 221 | | mg/Kg | 111 | | | 80-120 | | |
| Beryllium | 200 | | 184 | | mg/Kg | 92 | | | 80-120 | | |
| Cadmium | 200 | | 217 | | mg/Kg | 109 | | | 80-120 | | |
| Chromium | 200 | | 211 | | mg/Kg | 106 | | | 80-120 | | |
| Cobalt | 200 | | 199 | | mg/Kg | 100 | | | 80-120 | | |
| Copper | 200 | | 206 | | mg/Kg | 103 | | | 80-120 | | |
| Lead | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Molybdenum | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Nickel | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Selenium | 200 | | 190 | | mg/Kg | 95 | | | 80-120 | | |
| Silver | 100 | | 92.8 | | mg/Kg | 93 | | | 80-120 | | |
| Thallium | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Vanadium | 200 | | 217 | | mg/Kg | 109 | | | 80-120 | | |
| Zinc | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168666MS1, QC1168666MSD1 | | | | | | | | | | | | Source: 371033-001 |
| Antimony | ND | 100 | 100 | 34.6 | 33.2 | mg/Kg | 35 | 33 | 4.1 | 75-125 | 20 | M |
| Arsenic | 5.24 | 100 | 100 | 101 | 100 | mg/Kg | 96 | 95 | 1.0 | 75-125 | 20 | |
| Barium | 108 | 100 | 100 | 208 | 196 | mg/Kg | 100 | 88 | 5.9 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 87.3 | 91.4 | mg/Kg | 87 | 91 | 4.6 | 75-125 | 20 | |
| Cadmium | 0.76 | 100 | 100 | 98.6 | 94.3 | mg/Kg | 98 | 94 | 4.5 | 75-125 | 20 | |
| Chromium | 15.7 | 100 | 100 | 122 | 109 | mg/Kg | 106 | 93 | 11.3 | 75-125 | 20 | |
| Cobalt | 11.5 | 100 | 100 | 106 | 99.9 | mg/Kg | 95 | 88 | 5.9 | 75-125 | 20 | |
| Copper | 18.1 | 100 | 100 | 121 | 111 | mg/Kg | 103 | 93 | 8.6 | 75-125 | 20 | |
| Lead | 33.6 | 100 | 100 | 121 | 120 | mg/Kg | 87 | 86 | 0.8 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168666</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168666MS1, QC1168666MSD1 | | | | | | | | | | | Source: 371033-001 | |
| Molybdenum | 1.04 | 100 | 100 | 90.0 | 88.7 | mg/Kg | 89 | 88 | 1.5 | 75-125 | 20 | |
| Nickel | 10.9 | 100 | 100 | 109 | 101 | mg/Kg | 98 | 90 | 7.6 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 72.4 | 69.2 | mg/Kg | 72 | 69 | 4.5 | 75-125 | 20 | M |
| Silver | ND | 50 | 50 | 45.2 | 42.4 | mg/Kg | 90 | 85 | 6.4 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 88.7 | 87.6 | mg/Kg | 89 | 88 | 1.2 | 75-125 | 20 | |
| Vanadium | 34.9 | 100 | 100 | 136 | 128 | mg/Kg | 101 | 93 | 6.1 | 75-125 | 20 | |
| Zinc | 117 | 100 | 100 | 201 | 199 | mg/Kg | 84 | 82 | 1.0 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168682</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1168682MB1 | | | | | | |
| Lead | 0.47 J | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168682LCS1 | | | | | | | | | | | |
| Lead | 200 | | 233 | | mg/Kg | 117 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168682MS1, QC1168682MSD1 | | | | | | | | | | | | |
| Lead | 131 | 100 | 100 | 226 | 217 | mg/Kg | 95 | 86 | 4.1 | 75-125 | 20 | Source: 371006-159 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168702</u> | Analyst: kedy | Method: EPA 6020 |
| Matrix: Water | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168702MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168702LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 45.8 | | ug/L | 92 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168702MS1, QC1168702MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 46.3 | 48.6 | ug/L | 93 | 97 | 4.8 | 75-125 | 20 | Source: 370943-076 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168708</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168708MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168708LCS1 | | | | | | | | | | | |
| Arsenic | 200 | | 222 | | mg/Kg | 111 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168708MS1, QC1168708MSD1 | | | | | | | | | | | | |
| Arsenic | 2.52 | 200 | 200 | 181 | 201 | mg/Kg | 89 | 99 | 10.5 | 75-125 | 20 | Source: 371006-131 |

| | | |
|--------------------------------------|-----------------------------|----------------------------------|
| QC Batch ID: <u>QC1168709</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1168709MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168709LCS1 | | | | | | | | | | | |
| Arsenic | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168709MS1, QC1168709MSD1 | | | | | | | | | | | | |
| Arsenic | 1.640 | 50 | 50 | 37.5 | 38.8 | mg/Kg | 72 | 74 | 3.4 | 75-125 | 20 | M |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1168717 | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Water | Analyzed: 06/30/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-------|-------|
| QC1168717MB1 | | | | | |
| Antimony | ND | mg/L | 0.016 | 0.02 | |
| Arsenic | ND | mg/L | 0.004 | 0.01 | |
| Barium | ND | mg/L | 0.001 | 0.01 | |
| Beryllium | ND | mg/L | 0.001 | 0.005 | |
| Cadmium | ND | mg/L | 0.001 | 0.005 | |
| Chromium | ND | mg/L | 0.002 | 0.01 | |
| Cobalt | ND | mg/L | 0.001 | 0.005 | |
| Copper | ND | mg/L | 0.001 | 0.01 | |
| Lead | ND | mg/L | 0.004 | 0.005 | |
| Molybdenum | ND | mg/L | 0.002 | 0.01 | |
| Nickel | ND | mg/L | 0.001 | 0.02 | |
| Selenium | ND | mg/L | 0.004 | 0.01 | |
| Silver | ND | mg/L | 0.001 | 0.005 | |
| Thallium | ND | mg/L | 0.003 | 0.005 | |
| Vanadium | ND | mg/L | 0.003 | 0.005 | |
| Zinc | ND | mg/L | 0.002 | 0.02 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168717LCS1 | | | | | | | | | | | |
| Antimony | 2 | | 2.12 | | mg/L | 106 | | | 80-120 | | |
| Arsenic | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Barium | 2 | | 2.11 | | mg/L | 106 | | | 80-120 | | |
| Beryllium | 2 | | 1.90 | | mg/L | 95 | | | 80-120 | | |
| Cadmium | 2 | | 2.13 | | mg/L | 107 | | | 80-120 | | |
| Chromium | 2 | | 2.06 | | mg/L | 103 | | | 80-120 | | |
| Cobalt | 2 | | 2.08 | | mg/L | 104 | | | 80-120 | | |
| Copper | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Lead | 2 | | 1.92 | | mg/L | 96 | | | 80-120 | | |
| Molybdenum | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Nickel | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Selenium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Silver | 1 | | 0.989 | | mg/L | 99 | | | 80-120 | | |
| Thallium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Vanadium | 2 | | 2.04 | | mg/L | 102 | | | 80-120 | | |
| Zinc | 2 | | 2.03 | | mg/L | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | | |
| Source: 371006-162 | | | | | | | | | | | | |
| Antimony | ND | 1 | 1 | 1.03 | 1.06 | mg/L | 103 | 106 | 2.9 | 75-125 | 20 | |
| Arsenic | 0.007 | 1 | 1 | 0.950 | 0.991 | mg/L | 94 | 98 | 4.2 | 75-125 | 20 | |
| Barium | ND | 1 | 1 | 1.08 | 1.11 | mg/L | 108 | 111 | 2.7 | 75-125 | 20 | |
| Beryllium | ND | 1 | 1 | 0.993 | 1.01 | mg/L | 99 | 101 | 1.7 | 75-125 | 20 | |
| Cadmium | ND | 1 | 1 | 1.08 | 1.10 | mg/L | 108 | 110 | 1.8 | 75-125 | 20 | |
| Chromium | ND | 1 | 1 | 1.05 | 1.07 | mg/L | 105 | 107 | 1.9 | 75-125 | 20 | |
| Cobalt | ND | 1 | 1 | 1.07 | 1.09 | mg/L | 107 | 109 | 1.9 | 75-125 | 20 | |
| Copper | 0.007 | 1 | 1 | 0.983 | 1.00 | mg/L | 98 | 99 | 1.7 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 1.01 | 1.05 | mg/L | 101 | 105 | 3.9 | 75-125 | 20 | |

QC Batch ID: **QC1168717**

Analyst: jeannynguye

Method: EPA 6010B

Matrix: Water

Analyzed: 06/30/2016

Instrument: AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | Source: 371006-162 | |
| Molybdenum | 0.004 | 1 | 1 | 1.03 | 1.04 | mg/L | 103 | 104 | 1.0 | 75-125 | 20 | |
| Nickel | ND | 1 | 1 | 0.999 | 1.02 | mg/L | 100 | 102 | 2.1 | 75-125 | 20 | |
| Selenium | ND | 1 | 1 | 0.915 | 0.949 | mg/L | 92 | 95 | 3.6 | 75-125 | 20 | |
| Silver | ND | 0.5 | 0.5 | 0.487 | 0.495 | mg/L | 97 | 99 | 1.6 | 75-125 | 20 | |
| Thallium | 0.005 | 1 | 1 | 0.992 | 1.03 | mg/L | 99 | 103 | 3.8 | 75-125 | 20 | |
| Vanadium | ND | 1 | 1 | 1.06 | 1.05 | mg/L | 106 | 105 | 0.9 | 75-125 | 20 | |
| Zinc | 0.009 | 1 | 1 | 1.02 | 1.05 | mg/L | 101 | 104 | 2.9 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1169049</u> | Analyst: lytagas | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 07/14/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-----|-------|
| QC1169049MB1 | | | | | |
| TPH Gasoline | ND | mg/Kg | 0.159 | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169049LCS1 | | | | | | | | | | | |
| TPH Gasoline | 5 | | 4.70 | | mg/Kg | 94 | | | 70-130 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169049MS1, QC1169049MSD1 | | | | | | | | | | | | |
| TPH Gasoline | ND | 5 | 5 | 4.51 | 4.46 | mg/Kg | 90 | 89 | 1.1 | 70-130 | 20 | Source: 371034-003 |

QCBatchID: **QC1169051**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 07/14/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|--------------------------------|--------------|-------|------|-----|-------|
| QC1169051MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.24 | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 0.15 | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 0.29 | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 0.22 | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 0.74 | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 0.23 | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 0.18 | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 0.21 | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 0.33 | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 0.28 | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 0.2 | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 0.12 | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 0.14 | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 0.34 | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 0.23 | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 0.21 | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 0.24 | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 0.19 | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 0.72 | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 0.3 | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 0.25 | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 0.22 | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 0.27 | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 0.17 | 5 | |
| Acetone | ND | ug/Kg | 10 | 100 | |
| Allyl Chloride | ND | ug/Kg | 0.14 | 5 | |
| Benzene | ND | ug/Kg | 0.18 | 5 | |
| Bromobenzene | ND | ug/Kg | 0.3 | 5 | |
| Bromochloromethane | ND | ug/Kg | 0.18 | 5 | |
| Bromodichloromethane | ND | ug/Kg | 0.2 | 5 | |
| Bromoform | ND | ug/Kg | 0.19 | 5 | |
| Bromomethane | ND | ug/Kg | 0.22 | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 0.18 | 5 | |
| Chlorobenzene | ND | ug/Kg | 0.18 | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 0.19 | 5 | |
| Chloroethane | ND | ug/Kg | 0.2 | 5 | |
| Chloroform | ND | ug/Kg | 0.17 | 5 | |
| Chloromethane | ND | ug/Kg | 0.21 | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 0.2 | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 0.2 | 5 | |
| Dibromomethane | ND | ug/Kg | 0.23 | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 0.23 | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 0.21 | 5 | |
| Ethylbenzene | ND | ug/Kg | 0.25 | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 0.42 | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 0.38 | 5 | |

QC Batch ID: **QC1169051**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 07/14/2016

Instrument: VOA-MS (group)

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|-----------------------------|--------------|-------|------|-----|-------|
| QC1169051MB1 | | | | | |
| Isopropylbenzene | ND | ug/Kg | 0.17 | 5 | |
| m and p-Xylene | ND | ug/Kg | 0.21 | 5 | |
| Methylene chloride | ND | ug/Kg | 0.22 | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 0.25 | 5 | |
| Naphthalene | ND | ug/Kg | 0.28 | 5 | |
| N-butylbenzene | ND | ug/Kg | 0.16 | 5 | |
| N-propylbenzene | ND | ug/Kg | 0.19 | 5 | |
| o-Xylene | ND | ug/Kg | 0.13 | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 0.34 | 5 | |
| Styrene | ND | ug/Kg | 0.23 | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 8.8 | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 0.19 | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 0.18 | 5 | |
| Tetrachloroethene | ND | ug/Kg | 0.2 | 5 | |
| Toluene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 0.23 | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 0.14 | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 0.38 | 5 | |
| Trichloroethene | ND | ug/Kg | 0.39 | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 0.25 | 5 | |
| Vinyl Chloride | ND | ug/Kg | 0.18 | 5 | |
| Xylenes (Total) | ND | ug/Kg | 0.45 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169051LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 60 | | ug/Kg | 120 | | | 59-172 | | |
| Benzene | 50 | | 54 | | ug/Kg | 108 | | | 62-137 | | |
| Chlorobenzene | 50 | | 56 | | ug/Kg | 112 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 56 | | ug/Kg | 112 | | | 62-137 | | |
| Toluene | 50 | | 56 | | ug/Kg | 112 | | | 59-139 | | |
| Trichloroethene | 50 | | 57 | | ug/Kg | 114 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169051MS1, QC1169051MSD1 | | | | | | | | | | | | |
| Source: 371034-003 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 53 | 50 | ug/Kg | 106 | 100 | 5.8 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 51 | 49 | ug/Kg | 102 | 98 | 4.0 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 53 | 52 | ug/Kg | 106 | 104 | 1.9 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 53 | 54 | ug/Kg | 106 | 108 | 1.9 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 52 | 50 | ug/Kg | 104 | 100 | 3.9 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 50 | 50 | ug/Kg | 100 | 100 | 0.0 | 66-142 | 21 | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 971034
 Page: 1 of 10 2 Day: 1

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)
Title 22 metals 6010

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 | 5/5/8-1.5 | 6/24 | Soil | 105 liter | None | | | | | | | | Archive & hold |
| 2 | 5/5/8-5.5 | | | | | | | | | | | | Archive & hold |
| 3 | 5/5/8-70.5 | | | | | | | | | | | | NO TPH or PCB analysis |
| 4 | 5/10/6-0.5 | | | | | | | | | | | | Archive & hold |
| 5 | 5/10/6-1.5 | | | | | | | | | | | | Archive & hold |
| 6 | 5/10/6-2.5 | | | | | | | | | | | | Archive & hold |
| 7 | 5/5/9-1.5 | | | | | | | | | | | | Archive & hold |
| 8 | 5/5/9-5.5 | | | | | | | | | | | | Archive & hold |
| 9 | 5/5/9-10.5 | | | | | | | | | | | | Archive & hold |
| 10 | 5/6/6-6.5 | | | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|--------------|-----------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/29/16 1400 |
| 1 Received By: | <i>[Signature]</i> | L. M... .. | | 6/24/16 1400 |
| 2 Relinquished By: | <i>[Signature]</i> | L. M... .. | | 6/24/16 1542 |
| 2 Received By: | <i>[Signature]</i> | RAID PADILLA | | 6/24/16 1545 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 991034
 Page: 2 of 10 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6-101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: Soil

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------|------------------------------|
| 1 | 5/26-1.5 | 6/24/2016 | 0734 | Soil 1x5g/25cc | | | | | | | | | | Active & Field |
| 2 | 5/26-2.5 | | 0735 | | | | | | | | | | | Active & Field |
| 3 | 5/105-0.5 | | 0743 | | | XXX | | | | | | | | Active & Field |
| 4 | 5/105-1.5 | | 0744 | | | | | | | | | | | Active & Field |
| 5 | 5/105-2.5 | | 0745 | | | | | | | | | | | Active & Field |
| 6 | 5/65-1.5 | | 0805 | | | | | | | | | | | Active & Field |
| 7 | 5/65-5.5 | | 0807 | | | | | | | | | | | Active & Field |
| 8 | 5/65-10.5 | | 0810 | 1x5g/25cc | | | | | XXXX | | | | | Active & Field |
| 9 | 5/81-0.5 | | 0815 | 1x5g/25cc | | | | | | | | | | Active & Field |
| 10 | 5/81-1.5 | | 0816 | | | | | | | | | | | Active & Field |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/27/2016 1400 |
| <i>[Signature]</i> | L. Meronicki | | 6/27/16 1400 |
| <i>[Signature]</i> | L. Meronicki | | 6/27/16 1542 |
| <i>[Signature]</i> | ZAHID PARILWA | | 6/27/16 1545 |
| <i>[Signature]</i> | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **371034**

Page: **3** of **10**

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|-----------|--------|
| Standard: | X | 4 Day: | 3 Day: |
| 1 Day: | | Same Day: | |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviro.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| | |
|------------------------------|--|
| Arsenic (USEPA 6020) | |
| Lead (USEPA 6010B) | |
| OCP (8081A) | |
| VOCs+oxys (USEPA 8260B/5035) | |
| TPH-g (USEPA 8015M/5035) | |
| TPH-d/o (USEPA 8015M) | |
| PCBs (EPA Method 8082) | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 5/28/10 | 0817 | Soi | 1x500ml | Nuc | | Arrive & hold |
| 2 | 5/24-1.5 | 0824 | | | | | Arrive & hold |
| 3 | 5/24-5.5 | 0825 | | | | | Arrive & hold |
| 4 | 5/24-10.5 | 0824 | | | | | Arrive & hold |
| 5 | 5/24-0.5 | 0832 | | | | | |
| 6 | 5/24-1.5 | 0833 | | | | | Arrive & hold |
| 7 | 5/24-2.5 | 0834 | | | | | Arrive & hold |
| 8 | 5/23-0.5 | 0830 | | | | | |
| 9 | 5/23-1.5 | 0831 | | | | | Arrive & hold |
| 10 | 5/23-2.5 | 0832 | | | | | Arrive & hold |

Signature: *[Signature]* Print Name: **ERIC FRASKE** Company / Title: **ATA** Date / Time: **06/21/10 1400**

1 Relinquished By: *[Signature]* L. Mans left:
 2 Relinquished By: *[Signature]* L. Mans left
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]* 06/21/10 1545
 3 Received By: *[Signature]*

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Chain of Custody Record

Lab No: **99034**
 Page: **2** of **10** 2 Day:
 Standard: **X** 4 Day:
 1 Day:
 Same Day:
 Turn Around Time (Rush by advanced notice only)

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) |
|-------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|
| 1 SS 82-0.5 | 6/24 | 0903 | Soil | 1x12oz | WP | XXX | | | | | | |
| 2 SS 82-1.5 | | 0904 | | | | | | | | | | |
| 3 SS 82-2.5 | | 0905 | | | | | | | | | | |
| 4 SS 57-0.5 | | 0901 | | 1x12oz SEALED | | | | | XXX | | | |
| 5 SS 57-1.5 | | 0902 | | | | | | | | | | |
| 6 SS 57-2.5 | | 0903 | | | | | | | | | | |
| 7 SS 1-0.5 | | 0931 | | | | | | | | | | |
| 8 SS 1-1.5 | | 0932 | | | | | | | | | | |
| 9 SS 1-2.5 | | 0933 | | | | | | | | | | |
| 10 SS 2-0.5 | | 0936 | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|---------------|-----------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/24/16 1400 |
| 1 Received By: | <i>[Signature]</i> | L. Marshall | | 6/27/16 1400 |
| 2 Relinquished By: | <i>[Signature]</i> | L. Marshall | | 6/24/16 1542 |
| 2 Received By: | <i>[Signature]</i> | ZAHID PADILLA | | 6/24/16 1545 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 991034
 Page: 5 of 10 2 Day: 1 Day: Same Day:

Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviro.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 6/22/16 | 0938 | soil | 1x500ml | none | | Hold & Archive |
| 2 | 6/23/16 | 0940 | | | | | Archive & hold |
| 3 | | 0931 | | 1 size SYVEA | | XXXX | |
| 4 | | 0935 | | 1x500ml | | | Archive & hold |
| 5 | | 0936 | | 1x500ml | | | Archive & hold |
| 6 | | 0942 | | | | | Archive & hold |
| 7 | | 0945 | | | | | Archive & hold |
| 8 | | 0946 | | | | | Archive & hold |
| 9 | | 0951 | | | | | Archive & hold |
| 10 | | 0952 | | | | | Archive & hold |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|-------------|-----------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/24/16 1200 |
| 1 Received By: | <i>[Signature]</i> | L. M. Smith | | 6/24/16 1400 |
| 2 Relinquished By: | <i>[Signature]</i> | L. M. Smith | | 6/24/16 1542 |
| 2 Received By: | <i>[Signature]</i> | ZAND PULLAR | | 6/24/16 1545 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No:

391034

Page:

6 of 10

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | |
|-----------|---|
| Standard: | X |
| 4 Day: | |
| 1 Day: | |
| 3 Day: | |
| Same Day: | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS29-2.5 | 6/28 | 0954 | Soil | 1x5g | None | | Archive & hold |
| 2 SS102-0.5 | | 0958 | | | | | Archive & hold |
| 3 SS102-1.5 | | 0959 | | | | | Archive & hold |
| 4 SS102-2.5 | | 1000 | | | | | Archive & hold |
| 5 SS102-0.5 | | 1002 | | | | | Archive & hold |
| 6 SS103-1.5 | | 1008 | | | | | Archive & hold |
| 7 SS103-2.5 | | 1004 | | | | | Archive & hold |
| 8 SS104-0.5 | | 1005 | | | | | Archive & hold |
| 9 SS104-1.5 | | 1006 | | | | | Archive & hold |
| 10 SS104-2.5 | | 1007 | | | | | Archive & hold |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|--------------|-----------------|---------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 06/29/16 1400 |
| 2 Relinquished By: | <i>[Signature]</i> | L. Mareslett | | 6/29/16 1400 |
| 3 Relinquished By: | <i>[Signature]</i> | L. Mareslett | | 6/29/16 1542 |
| 4 Relinquished By: | <i>[Signature]</i> | ZANDERILLA | | 6/29/16 1545 |
| 5 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 991034

Page: 7 of 10

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: X 4 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenvirom.com

Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street
 Los Angeles, CA

Global ID:

Sampled By:

Analysis Request

| | |
|-------------------------------------|------------------------------|
| <input checked="" type="checkbox"/> | Arsenic (USEPA 6020) |
| <input checked="" type="checkbox"/> | Lead (USEPA 6010B) |
| <input checked="" type="checkbox"/> | OCP (8081A) |
| <input checked="" type="checkbox"/> | VOCs+oxys (USEPA 8260B/5035) |
| <input checked="" type="checkbox"/> | TPH-g (USEPA 8015M/5035) |
| <input checked="" type="checkbox"/> | TPH-d/o (USEPA 8015M) |
| <input checked="" type="checkbox"/> | PCBs (EPA Method 8082) |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 | 6/24/16 | 1009 | Soil | 1x5 liter | Non | <input checked="" type="checkbox"/> | Archived held |
| 2 | 6/24/16 | 1010 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 3 | 6/24/16 | 1011 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 4 | 6/24/16 | 1014 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 5 | 6/24/16 | 1015 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 6 | 6/24/16 | 1016 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 7 | 6/24/16 | 1018 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 8 | 6/24/16 | 1020 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 9 | 6/24/16 | 1021 | | | | <input checked="" type="checkbox"/> | Archived & held |
| 10 | 6/24/16 | 1024 | | | | <input checked="" type="checkbox"/> | Archived & held |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------|-----------------|-----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 06/24/2016 1400 |
| <i>[Signature]</i> | L. Marshall | | 6/24/16 1400 |
| <i>[Signature]</i> | Zaid Abdalla | | 6/24/16 1542 |
| <i>[Signature]</i> | | | 6/24/16 1545 |

ENTHALPHY ANALYTICAL, INC.

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c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 322034
 Page: 8 of 10

| | | | | | |
|-----------|---|--------|--|-----------|--|
| Standard: | X | 4 Day: | | 3 Day: | |
| 2 Day: | | 1 Day: | | Same Day: | |

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviro.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: Soil

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|-----------|---------------|---------------|--------|----------------------|-------|
| 1 | 6/29/16 | 1025 | Soil | 1025 | None |
| 2 | 5594-2.5 | 1026 | 1 | 1026 | 1 |
| 3 | 5531-0.5 | 1039 | 1 | 1039 | 1 |
| 4 | 5531-1.5 | 1045 | 1 | 1045 | 1 |
| 5 | 5531-2.5 | 1042 | 1 | 1042 | 1 |
| 6 | 5526-0.5 | 1052 | 1 | 1052 | 1 |
| 7 | 5526-1.5 | 1053 | 1 | 1053 | 1 |
| 8 | 5526-2.5 | 1054 | 1 | 1054 | 1 |
| 9 | 5525-0.5 | 1057 | 1 | 1057 | 1 |
| 10 | 5525-1.5 | 1100 | 1 | 1100 | 1 |

| | |
|------------------------------|--|
| Arsenic (USEPA 6020) | |
| Lead (USEPA 6010B) | |
| OCP (8081A) | |
| VOCs+oxys (USEPA 8260B/5035) | |
| TPH-g (USEPA 8015M/5035) | |
| TPH-d/o (USEPA 8015M) | |
| PCBs (EPA Method 8082) | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/29/16 1400 |
| <i>[Signature]</i> | C. Marshall | | 6/29/16 1400 |
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 6/29/16 1545 |

1 Relinquished By: *[Signature]* ERIC FRASKE ALTA 6/29/16 1400
 2 Relinquished By: *[Signature]* C. Marshall 6/29/16 1400
 3 Relinquished By: *[Signature]* ERIC FRASKE ALTA 6/29/16 1545
 Received By: *[Signature]*

ENTHALPHY ANALYTICAL, INC.

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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **992034**

Page: **9** of **10**

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid Seaw = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------------------|------------------------------|
| 1 | 6/25/16 | 1103 | Soil | 1x size | None | Arsenic (USEPA 6020) | Archive & hold |
| 2 | 6/28-0.5 | 1109 | 1 | 1x size | XXXX | Lead (USEPA 6010B) | Archive & hold |
| 3 | 6/28-1.5 | 1110 | 1 | 1x size | XXXX | OCP (8081A) | Archive & hold |
| 4 | 6/28-2.5 | 1111 | 1 | 1x size | XXXX | VOCs+oxys (USEPA 8260B/5035) | Archive & hold |
| 5 | 6/28-0.5 | 1113 | 1 | 1x size | XXXX | TPH-g (USEPA 8015M/5035) | Archive & hold |
| 6 | 6/28-1.5 | 1116 | 1 | 1x size | XXXX | TPH-d/o (USEPA 8015M) | Archive & hold |
| 7 | 6/28-2.5 | 1119 | 1 | 1x size | XXXX | PCBs (EPA Method 8082) | Archive & hold |
| 8 | 6/27-0.5 | 1122 | 1 | 1x size | XXXX | | Archive & hold |
| 9 | 6/27-1.5 | 1124 | 1 | 1x size | XXXX | | Archive & hold |
| 10 | 6/27-2.5 | 1125 | 1 | 1x size | XXXX | | Archive & hold |

Signature: *[Signature]* Print Name: ERIC FRASKE Company / Title: ALTA Date / Time: 6/24/2016 1400

Received By: *[Signature]* C. Mansoleff Date / Time: 6/24/16 1400

Received By: *[Signature]* ZAHID AHMED Date / Time: 6/24/16 1545

Received By: *[Signature]* Date / Time:

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **921034**
 Page: **10** of **10** 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|--|
| 1 EOB2624 | 06/24/16 | - | Water | 2 Lit 3 Part | | X | X | X | X | X | X | X | Composite SS1-0.5, SS2-0.5, SS3-0.5, SS4-0.5, SS5-0.5, SS6-0.5 |
| 2 COMP 1 | 06/24/16 | | Sol | | | X | X | X | X | X | X | X | Composite SS24-0.5, SS25-0.5 |
| 3 COMP 6 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS26-0.5, SS27-0.5, SS28-0.5 |
| 4 COMP 7 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS30-0.5, SS31-0.5 |
| 5 COMP 8 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS32-0.5 |
| 6 COMP 18 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS21-0.5, SS22-0.5, SS23-0.5, SS24-0.5 |
| 7 COMP 21 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS13-0.5, SS14-0.5, SS15-0.5, SS16-0.5 |
| 8 COMP 23 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS10-0.5, SS11-0.5, SS12-0.5, SS17-0.5, SS18-0.5, SS19-0.5 |
| 9 COMP 24 | 06/24/16 | | | | | X | X | X | X | X | X | X | Composite SS10-0.5, SS11-0.5, SS12-0.5, SS17-0.5, SS18-0.5, SS19-0.5 |
| 10 | | | | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|--------------|-----------------|------------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | Alta | 06/24/2016/14:00 |
| 1 Received By: | <i>[Signature]</i> | L. Marshall | | 6/24/16 1400 |
| 2 Relinquished By: | <i>[Signature]</i> | L. Marshall | | 6/24/16 1542 |
| 2 Received By: | <i>[Signature]</i> | ZARD PADILVA | | 6/24/16 1545 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

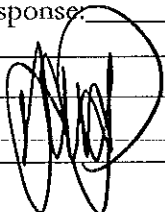
Section 1
 Client: ALTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL
 Date Received: 6/24/16 Sampler's Signature Present: Yes No
 Sample temperature: _____
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice _____ Ice Packs _____ Bubble Wrap _____ Styrofoam
 _____ Paper _____ None _____ Other _____
 Cooler 1 Temperature: 3.4°C Cooler 2 Temperature: 5.6°C Cooler 3 Temperature: 6.6°C
 (Acceptance range is 0 to 6 Deg. C. or arrival on ice; For Microbiology sample ≤ 10 Deg. C or arrival on ice)

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | <input checked="" type="checkbox"/> | | |
| If Yes – were they intact? | <input checked="" type="checkbox"/> | | |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | <input checked="" type="checkbox"/> | |
| Were the containers labeled with correct preservatives? | <input checked="" type="checkbox"/> | | |
| Was total residual chlorine measured (Fish Bioassay samples only)? * *If the answer is no, please inform Fish Bioassay Dept. immediately. | | | <input checked="" type="checkbox"/> |

Section 4
 Explanations/Comments
TRIP BLANKS WERE RECEIVED, HOWEVER, NOT LISTED ON THE C.O.C. TO BE ANALYZED.

Section 5
 Was the Project Manager notified via email of discrepancies: Y/N N/A
 Project Manager's response: R.C.

Completed By:  Date: 6/24/16



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

15 July 2016

Ranjit Clarke
Enthalpy Analytical, Inc.
806 N. Batavia
Orange, CA 92868
RE: 371034 PO# 371034

Enclosed are the results of analyses for samples received by the laboratory on 07/06/16 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole Bryson
Client Services Manager

Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|----------------|----------------|
| 371034-003 | T161491-01 | Soil | 06/24/16 07:22 | 07/06/16 17:25 |
| 371034-009 | T161491-02 | Soil | 06/24/16 07:32 | 07/06/16 17:25 |
| 371034-010 | T161491-03 | Soil | 06/24/16 07:33 | 07/06/16 17:25 |
| 371034-018 | T161491-04 | Soil | 06/24/16 08:10 | 07/06/16 17:25 |
| 371034-024 | T161491-05 | Soil | 06/24/16 08:50 | 07/06/16 17:25 |
| 371034-034 | T161491-06 | Soil | 06/24/16 09:01 | 07/06/16 17:25 |
| 371034-043 | T161491-07 | Soil | 06/24/16 09:34 | 07/06/16 17:25 |
| 371034-073 | T161491-08 | Soil | 06/24/16 10:39 | 07/06/16 17:25 |
| 371034-082 | T161491-09 | Soil | 06/24/16 11:09 | 07/06/16 17:25 |
| 371034-088 | T161491-10 | Soil | 06/24/16 11:22 | 07/06/16 17:25 |
| 371034-092 | T161491-11 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-093 | T161491-12 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-094 | T161491-13 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-095 | T161491-14 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-096 | T161491-15 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-097 | T161491-16 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-098 | T161491-17 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |
| 371034-099 | T161491-18 | Soil | 06/24/16 00:00 | 07/06/16 17:25 |



Nicole Bryson

Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

DETECTIONS SUMMARY

Sample ID: 371034-003

Laboratory ID: T161491-01

No Results Detected

Sample ID: 371034-009

Laboratory ID: T161491-02

No Results Detected

Sample ID: 371034-010

Laboratory ID: T161491-03

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 110 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 1800 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371034-018

Laboratory ID: T161491-04

No Results Detected

Sample ID: 371034-024

Laboratory ID: T161491-05

No Results Detected

Sample ID: 371034-034

Laboratory ID: T161491-06



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Sample ID: 371034-034

Laboratory ID: T161491-06

No Results Detected

Sample ID: 371034-043

Laboratory ID: T161491-07

No Results Detected

Sample ID: 371034-073

Laboratory ID: T161491-08

No Results Detected

Sample ID: 371034-082

Laboratory ID: T161491-09

No Results Detected

Sample ID: 371034-088

Laboratory ID: T161491-10

| Analyte | Reporting | | Units | Method | Notes |
|----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| C13-C28 (DRO) | 66 | 10 | mg/kg | EPA 8015C | |
| C29-C40 (MORO) | 270 | 10 | mg/kg | EPA 8015C | |

Sample ID: 371034-092

Laboratory ID: T161491-11

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| alpha-Chlordane | 0.79 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371034-093

Laboratory ID: T161491-12

| Analyte | Reporting | | Units | Method | Notes |
|---------|-----------|-------|-------|--------|-------|
| | Result | Limit | | | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Sample ID: 371034-093

Laboratory ID: T161491-12

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 0.73 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 1.2 | 5.0 | ug/kg | EPA 8081A | J |
| Dieldrin | 0.79 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 1.4 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371034-094

Laboratory ID: T161491-13

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Aldrin | 0.83 | 5.0 | ug/kg | EPA 8081A | J |
| gamma-Chlordane | 0.90 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 2.3 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDE | 1.5 | 5.0 | ug/kg | EPA 8081A | J |
| Dieldrin | 34 | 5.0 | ug/kg | EPA 8081A | |
| Endrin | 0.71 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 4.9 | 5.0 | ug/kg | EPA 8081A | J |
| Endosulfan II | 1.9 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 6.5 | 5.0 | ug/kg | EPA 8081A | |

Sample ID: 371034-095

Laboratory ID: T161491-14

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 0.55 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 0.74 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371034-096

Laboratory ID: T161491-15

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 0.85 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371034-097

Laboratory ID: T161491-16

| Analyte | Reporting | | Units | Method | Notes |
|--------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Heptachlor epoxide | 1.5 | 5.0 | ug/kg | EPA 8081A | J |

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Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Sample ID: 371034-097

Laboratory ID: T161491-16

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 8.4 | 5.0 | ug/kg | EPA 8081A | |
| alpha-Chlordane | 19 | 5.0 | ug/kg | EPA 8081A | |
| 4,4'-DDT | 7.1 | 5.0 | ug/kg | EPA 8081A | |

Sample ID: 371034-098

Laboratory ID: T161491-17

| Analyte | Reporting | | Units | Method | Notes |
|--------------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| gamma-Chlordane | 3.9 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 6.9 | 5.0 | ug/kg | EPA 8081A | |
| 4,4'-DDE | 55 | 5.0 | ug/kg | EPA 8081A | |
| Dieldrin | 2.1 | 5.0 | ug/kg | EPA 8081A | J |
| Endrin | 14 | 5.0 | ug/kg | EPA 8081A | |
| 4,4'-DDD | 2.3 | 5.0 | ug/kg | EPA 8081A | J |
| Endosulfan II | 2.7 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 39 | 5.0 | ug/kg | EPA 8081A | |
| Endosulfan sulfate | 2.4 | 5.0 | ug/kg | EPA 8081A | J |

Sample ID: 371034-099

Laboratory ID: T161491-18

| Analyte | Reporting | | Units | Method | Notes |
|-----------------|-----------|-------|-------|-----------|-------|
| | Result | Limit | | | |
| Heptachlor | 0.63 | 5.0 | ug/kg | EPA 8081A | J |
| gamma-Chlordane | 2.0 | 5.0 | ug/kg | EPA 8081A | J |
| alpha-Chlordane | 2.4 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDD | 0.68 | 5.0 | ug/kg | EPA 8081A | J |
| 4,4'-DDT | 4.0 | 5.0 | ug/kg | EPA 8081A | J |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-003
T161491-01(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 111 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 61.2 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 69.0 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-009

T161491-02(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 123 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 79.7 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 90.0 % | 35-140 | | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Nicole Bryson

| | | |
|---|--|------------------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|------------------------------------|

371034-010
T161491-03(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|-------------|-----|--------------|-------|---------------|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 110 | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | 1800 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | <i>111 %</i> | | <i>65-135</i> | | | | | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-018
T161491-04(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 115 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 70.4 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 77.5 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-024
T161491-05(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|--------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 99.9 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 95.6 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 111 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-034
T161491-06(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 111 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 74.5 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 91.1 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-043
T161491-07(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 118 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 82.9 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 97.1 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-073
T161491-08(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 122 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 80.2 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 91.7 % | 35-140 | | " | " | " | " | |



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-082
T161491-09(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|----|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | ND | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 105 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 71.3 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 79.4 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-088
T161491-10(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Extractable Petroleum Hydrocarbons by 8015C

| | | | | | | | | | | |
|-------------------------------|------------|-----|-------|--------|---|---------|----------|----------|-----------|--|
| C13-C28 (DRO) | 66 | 6.2 | 10 | mg/kg | 1 | 6070725 | 07/07/16 | 07/08/16 | EPA 8015C | |
| C29-C40 (MORO) | 270 | 6.2 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: p-Terphenyl</i> | | | 112 % | 65-135 | | " | " | " | " | |

Polychlorinated Biphenyls by EPA Method 8082

| | | | | | | | | | | |
|---|----|-----|--------|--------|---|---------|----------|----------|----------|--|
| PCB-1016 | ND | 3.7 | 10 | ug/kg | 1 | 6070730 | 07/07/16 | 07/13/16 | EPA 8082 | |
| PCB-1221 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1232 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1242 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1248 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1254 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| PCB-1260 | ND | 3.7 | 10 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 72.4 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 83.3 % | 35-140 | | " | " | " | " | |



Nicole Bryson

| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-092
T161491-11(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|-------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| alpha-Chlordane | 0.79 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 104 % | 35-140 | " | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 103 % | 35-140 | " | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-093
T161491-12(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 0.73 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 1.2 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 0.79 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 1.4 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | 103 % | 35-140 | | " | " | " | " | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | 93.1 % | 35-140 | | " | " | " | " | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-094
T161491-13(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|------|-------|--------|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | 0.83 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 0.90 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 2.3 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 1.5 | 1.5 | 5.0 | " | " | " | " | " | " | J |
| Dieldrin | 34 | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | 0.71 | 0.43 | 5.0 | " | " | " | " | " | " | J |
| 4,4'-DDD | 4.9 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | 1.9 | 0.56 | 5.0 | " | " | " | " | " | " | J |
| 4,4'-DDT | 6.5 | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 117% | | 35-140 | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 106% | | 35-140 | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-095
T161491-14(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|---|-------------|------|---------------|---------------|---|----------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 0.55 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 0.74 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| <i>Surrogate: Tetrachloro-meta-xylene</i> | | | <i>108 %</i> | <i>35-140</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |
| <i>Surrogate: Decachlorobiphenyl</i> | | | <i>95.6 %</i> | <i>35-140</i> | | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i> | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-096
T161491-15(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|--------|---|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 0.85 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | ND | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 119 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 94.6 % | 35-140 | | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-097
T161491-16(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|------------|------|-------|--------|---|---------|----------|----------|-----------|------|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | 1.5 | 0.46 | 5.0 | " | " | " | " | " | " | J |
| gamma-Chlordane | 8.4 | 0.42 | 5.0 | " | " | " | " | " | " | |
| alpha-Chlordane | 19 | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | " | " | " | " | " | |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | 7.1 | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 118 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 179 % | 35-140 | | " | " | " | " | S-GC |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

371034-098
T161491-17(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|------------|------|--------|-------|--------|---------|----------|----------|-----------|---|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | ND | 0.51 | 5.0 | " | " | " | " | " | " | |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 3.9 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 6.9 | 0.53 | 5.0 | " | " | " | " | " | " | |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | 55 | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | 2.1 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Endrin | 14 | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 2.3 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | 2.7 | 0.56 | 5.0 | " | " | " | " | " | " | J |
| 4,4'-DDT | 39 | 2.5 | 5.0 | " | " | " | " | " | " | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | 2.4 | 0.47 | 5.0 | " | " | " | " | " | " | J |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 116 % | | 35-140 | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 95.0 % | | 35-140 | " | " | " | " | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



| | | |
|---|--|-----------------------------|
| Enthalpy Analytical, Inc. 806 N. Batavia Orange CA, 92868 | Project: 371034 PO# 371034 Project Number: [none] Project Manager: Ranjit Clarke | Reported: 07/15/16 16:42 |
|---|--|-----------------------------|

371034-099
T161491-18(Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|----------|----------|--------|-------|

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

| | | | | | | | | | | |
|------------------------------------|-------------|------|--------|--------|---|---------|----------|----------|-----------|------|
| alpha-BHC | ND | 0.33 | 5.0 | ug/kg | 1 | 6070724 | 07/07/16 | 07/15/16 | EPA 8081A | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | " | " | " | " | " | |
| beta-BHC | ND | 0.71 | 5.0 | " | " | " | " | " | " | |
| delta-BHC | ND | 0.67 | 5.0 | " | " | " | " | " | " | |
| Heptachlor | 0.63 | 0.51 | 5.0 | " | " | " | " | " | " | J |
| Aldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | " | " | " | " | " | |
| gamma-Chlordane | 2.0 | 0.42 | 5.0 | " | " | " | " | " | " | J |
| alpha-Chlordane | 2.4 | 0.53 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan I | ND | 0.50 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | " | " | " | " | " | |
| Dieldrin | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Endrin | ND | 0.43 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDD | 0.68 | 0.35 | 5.0 | " | " | " | " | " | " | J |
| Endosulfan II | ND | 0.56 | 5.0 | " | " | " | " | " | " | |
| 4,4'-DDT | 4.0 | 2.5 | 5.0 | " | " | " | " | " | " | J |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | " | " | " | " | " | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | " | " | " | " | " | |
| Methoxychlor | ND | 0.45 | 10 | " | " | " | " | " | " | |
| Endrin ketone | ND | 0.45 | 5.0 | " | " | " | " | " | " | |
| Toxaphene | ND | 58 | 200 | " | " | " | " | " | " | |
| Surrogate: Tetrachloro-meta-xylene | | | 95.9 % | 35-140 | | " | " | " | " | |
| Surrogate: Decachlorobiphenyl | | | 26.7 % | 35-140 | | " | " | " | " | S-GC |





25712 Commercentre Drive
 Lake Forest, California 92630
 949.297.5020 Phone
 949.297.5027 Fax

Enthalpy Analytical, Inc.
 806 N. Batavia
 Orange CA, 92868

Project: 371034 PO# 371034
 Project Number: [none]
 Project Manager: Ranjit Clarke

Reported:
 07/15/16 16:42

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070725 - EPA 3550B GC

Blank (6070725-BLK1)

Prepared: 07/07/16 Analyzed: 07/08/16

| | | | | | | | | | | | |
|--------------------------------|-----|-----|----|-------|------|--|-----|--------|--|--|--|
| Surrogate: <i>p</i> -Terphenyl | 127 | | | mg/kg | 99.9 | | 127 | 65-135 | | | |
| C13-C28 (DRO) | ND | 6.2 | 10 | " | | | | | | | |
| C29-C40 (MORO) | ND | 6.2 | 10 | " | | | | | | | |

LCS (6070725-BS1)

Prepared: 07/07/16 Analyzed: 07/08/16

| | | | | | | | | | | | |
|--------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: <i>p</i> -Terphenyl | 98.6 | | | mg/kg | 99.2 | | 99.4 | 65-135 | | | |
| C13-C28 (DRO) | 580 | 6.2 | 10 | " | 496 | | 117 | 75-125 | | | |

LCS Dup (6070725-BSD1)

Prepared: 07/07/16 Analyzed: 07/08/16

| | | | | | | | | | | | |
|--------------------------------|------|-----|----|-------|------|--|------|--------|------|----|--|
| Surrogate: <i>p</i> -Terphenyl | 85.8 | | | mg/kg | 99.4 | | 86.3 | 65-135 | | | |
| C13-C28 (DRO) | 560 | 6.2 | 10 | " | 497 | | 112 | 75-125 | 3.80 | 20 | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070724 - EPA 3550 ECD/GCMS

Blank (6070724-BLK1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 9.84 | | | ug/kg | 9.94 | | 99.0 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 12.1 | | | " | 9.94 | | 122 | 35-140 | | | |
| alpha-BHC | ND | 0.33 | 5.0 | " | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.42 | 5.0 | " | | | | | | | |
| beta-BHC | ND | 0.71 | 5.0 | " | | | | | | | |
| delta-BHC | ND | 0.67 | 5.0 | " | | | | | | | |
| Heptachlor | ND | 0.51 | 5.0 | " | | | | | | | |
| Aldrin | ND | 0.47 | 5.0 | " | | | | | | | |
| Heptachlor epoxide | ND | 0.46 | 5.0 | " | | | | | | | |
| gamma-Chlordane | ND | 0.42 | 5.0 | " | | | | | | | |
| alpha-Chlordane | ND | 0.53 | 5.0 | " | | | | | | | |
| Endosulfan I | ND | 0.50 | 5.0 | " | | | | | | | |
| 4,4'-DDE | ND | 1.5 | 5.0 | " | | | | | | | |
| Dieldrin | ND | 0.47 | 5.0 | " | | | | | | | |
| Endrin | ND | 0.43 | 5.0 | " | | | | | | | |
| 4,4'-DDD | ND | 0.35 | 5.0 | " | | | | | | | |
| Endosulfan II | ND | 0.56 | 5.0 | " | | | | | | | |
| 4,4'-DDT | ND | 2.5 | 5.0 | " | | | | | | | |
| Endrin aldehyde | ND | 0.70 | 5.0 | " | | | | | | | |
| Endosulfan sulfate | ND | 0.47 | 5.0 | " | | | | | | | |
| Methoxychlor | ND | 0.45 | 10 | " | | | | | | | |
| Endrin ketone | ND | 0.45 | 5.0 | " | | | | | | | |
| Toxaphene | ND | 58 | 200 | " | | | | | | | |

LCS (6070724-BS1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|-----|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 12.0 | | | ug/kg | 9.97 | | 121 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 13.0 | | | " | 9.97 | | 131 | 35-140 | | | |
| gamma-BHC (Lindane) | 42.5 | 0.42 | 5.0 | " | 39.9 | | 107 | 40-120 | | | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6070724 - EPA 3550 ECD/GCMS

LCS (6070724-BS1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------|------|------|-----|-------|------|--|------|--------|--|--|--|
| Heptachlor | 42.2 | 0.51 | 5.0 | ug/kg | 39.9 | | 106 | 40-120 | | | |
| Aldrin | 39.0 | 0.47 | 5.0 | " | 39.9 | | 97.7 | 40-120 | | | |
| Dieldrin | 35.7 | 0.47 | 5.0 | " | 39.9 | | 89.6 | 40-120 | | | |
| Endrin | 42.3 | 0.43 | 5.0 | " | 39.9 | | 106 | 40-120 | | | |
| 4,4'-DDT | 42.7 | 2.5 | 5.0 | " | 39.9 | | 107 | 33-147 | | | |

LCS Dup (6070724-BSD1)

Prepared: 07/07/16 Analyzed: 07/15/16

| | | | | | | | | | | | |
|------------------------------------|------|------|-----|-------|------|--|------|--------|------|----|--|
| Surrogate: Tetrachloro-meta-xylene | 9.72 | | | ug/kg | 9.91 | | 98.0 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 12.1 | | | " | 9.91 | | 122 | 35-140 | | | |
| gamma-BHC (Lindane) | 38.4 | 0.42 | 5.0 | " | 39.6 | | 97.0 | 40-120 | 9.45 | 30 | |
| Heptachlor | 32.2 | 0.51 | 5.0 | " | 39.6 | | 81.3 | 40-120 | 26.3 | 30 | |
| Aldrin | 33.6 | 0.47 | 5.0 | " | 39.6 | | 84.8 | 40-120 | 14.2 | 30 | |
| Dieldrin | 31.0 | 0.47 | 5.0 | " | 39.6 | | 78.3 | 40-120 | 13.5 | 30 | |
| Endrin | 39.5 | 0.43 | 5.0 | " | 39.6 | | 99.6 | 40-120 | 6.35 | 30 | |
| 4,4'-DDT | 43.4 | 2.5 | 5.0 | " | 39.6 | | 109 | 33-147 | 2.25 | 30 | |



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

| Analyte | Result | MDL | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|-----|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch 6070730 - EPA 3550 ECD/GCMS

Blank (6070730-BLK1)

Prepared: 07/07/16 Analyzed: 07/13/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 6.38 | | | ug/kg | 9.93 | | 64.2 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 6.93 | | | " | 9.93 | | 69.8 | 35-140 | | | |
| PCB-1016 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1221 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1232 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1242 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1248 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1254 | ND | 3.7 | 10 | " | | | | | | | |
| PCB-1260 | ND | 3.7 | 10 | " | | | | | | | |

LCS (6070730-BS1)

Prepared: 07/07/16 Analyzed: 07/13/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|--|--|--|
| Surrogate: Tetrachloro-meta-xylene | 6.59 | | | ug/kg | 9.85 | | 66.9 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 7.12 | | | " | 9.85 | | 72.3 | 35-140 | | | |
| PCB-1016 | 61.6 | 3.7 | 10 | " | 98.5 | | 62.5 | 40-130 | | | |
| PCB-1260 | 57.0 | 3.7 | 10 | " | 98.5 | | 57.9 | 40-130 | | | |

LCS Dup (6070730-BSD1)

Prepared: 07/07/16 Analyzed: 07/13/16

| | | | | | | | | | | | |
|------------------------------------|------|-----|----|-------|------|--|------|--------|------|----|--|
| Surrogate: Tetrachloro-meta-xylene | 6.57 | | | ug/kg | 9.91 | | 66.3 | 35-140 | | | |
| Surrogate: Decachlorobiphenyl | 7.12 | | | " | 9.91 | | 71.8 | 35-140 | | | |
| PCB-1016 | 78.0 | 3.7 | 10 | " | 99.1 | | 78.7 | 40-130 | 23.5 | 30 | |
| PCB-1260 | 75.4 | 3.7 | 10 | " | 99.1 | | 76.1 | 40-130 | 27.7 | 30 | |

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Enthalpy Analytical, Inc.
806 N. Batavia
Orange CA, 92868

Project: 371034 PO# 371034
Project Number: [none]
Project Manager: Ranjit Clarke

Reported:
07/15/16 16:42

Notes and Definitions

- S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
- J Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference





ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868 P-714.771.6900 F-714.771.9933
CHAIN OF CUSTODY RECORD

Page: 1 of 2 Turn Around Time
 Standard: X
 Date: 7/6/2016 72 Hours:
 48 Hours:
 24 Hours:
 Lab Number: TT61491 Need by:
 Email report to:
 ranjit.clarke@enthalpy.com
 incomingreports@associatedlabs.com

SunStar Laboratories

Send To: 25712 Commerce Centre Dr., Lake Forest, CA 92630

371034

Contact: Ranjit Clarke

GSO: FedEx: Ground: Priority:

PO #: 371034 Sampled By:

Project Information:

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives | EPA 8015B - Diesel / Motor Oil | EPA 8082 - PCBs |
|-----------|-------------|-------------|--------|------------|---------------|--------------------------------|-----------------|
| 1 | 371034-003 | 6/24/2016 | 7:22 | S | 1 | 1 | X |
| 2 | 371034-009 | 6/24/2016 | 7:32 | S | 1 | 1 | X |
| 3 | 371034-010 | 6/24/2016 | 7:33 | S | 1 | 1 | X |
| 4 | 371034-018 | 6/24/2016 | 8:10 | S | 1 | 1 | X |
| 5 | 371034-024 | 6/24/2016 | 8:50 | S | 1 | 1 | X |
| 6 | 371034-034 | 6/24/2016 | 9:01 | S | 1 | 1 | X |
| 7 | 371034-043 | 6/24/2016 | 9:34 | S | 1 | 1 | X |
| 8 | 371034-073 | 6/24/2016 | 10:39 | S | 1 | 1 | X |
| 9 | 371034-082 | 6/24/2016 | 11:09 | S | 1 | 1 | X |
| 10 | 371034-088 | 6/24/2016 | 11:22 | S | 1 | 1 | X |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other PP = Pure Product
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

| Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|------------------|--------------|------------------|--------------|------------------|--------------|
| 1 | 1 | 2 | 2 | 3 | 3 |

Signature: [Signatures] Printed Name: [Names] Date: [Dates] Time: [Times]

Printed Name: Dorling Signature: [Signature] Date: 7/6/16 Time: 17:25

Printed Name: SUNNY Signature: [Signature] Date: 7-6-16 Time: 17:25

Printed Name: [Blank] Signature: [Blank] Date: [Blank] Time: [Blank]

Printed Name: [Blank] Signature: [Blank] Date: [Blank] Time: [Blank]

Printed Name: [Blank] Signature: [Blank] Date: [Blank] Time: [Blank]

Printed Name: [Blank] Signature: [Blank] Date: [Blank] Time: [Blank]

Holdinh time expires 07/08/16!!!
 "J" FLAGS REQUIRED

S.C.



ENTHALPY ANALYTICAL

806 N. Batavia St, Orange, CA 92868. P-714.771.6900 F-714.771.9933

CHAIN OF CUSTODY RECORD

Page: 2 of 2 Turn Around Time
 Standard: X
 Date: 7/6/2016 72 Hours:
 48 Hours:
 24 Hours:
 Lab Number: T161491 Need by:
 Contact: Ranjit Clarke

SunStar Laboratories

Send To: 25712 Commerce Centre Dr., Lake Forest, CA 92630

GSO: X FedEx:

Priority: Ground: X

PO #: 371034 Sampled By:

Project Information:

371034

371034

Email report to: ranjit.clarke@enthalpy.com
incomingreports@associatedlabs.com
 Email invoice to: ranjit.clarke@enthalpy.com

Holding time expires 07/08/16!!!

"j" FLAGS REQUIRED

See comments section for samples to composite (samples ~~24-28~~ 11-18)

S.G.

| Sample ID | Sample Date | Sample Time | Matrix | Containers | Preservatives |
|--------------|-------------|-------------|--------|------------|---------------|
| 1 371034-092 | 6/24/2016 | - | S | 1 | NA |
| 2 371034-093 | 6/24/2016 | - | S | 1 | NA |
| 3 371034-094 | 6/24/2016 | - | S | 1 | NA |
| 4 371034-095 | 6/24/2016 | - | S | 1 | NA |
| 5 371034-096 | 6/24/2016 | - | S | 1 | NA |
| 6 371034-097 | 6/24/2016 | - | S | 1 | NA |
| 7 371034-098 | 6/24/2016 | - | S | 1 | NA |
| 8 371034-099 | 6/24/2016 | - | S | 1 | NA |
| 9 | | | | | |
| 10 | | | | | |

Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product
 WW = Waste Water S = Solid W = Water WP = Wipe O = Other SeaW = Sea Water

Preservative: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃ 4 = H₂SO₄ 5 = NaOH 6 = None

Relinquished By: 1 Received By: 1 Relinquished By: 2 Received By: 2 Relinquished By: 3 Received By: 3

Signature: [Signature] Signature: [Signature] Signature: [Signature] Signature: [Signature]

Printed Name: [Name] Printed Name: [Name] Printed Name: [Name] Printed Name: [Name]

Date: [Date] Date: [Date] Date: [Date] Date: [Date]

Time: [Time] Time: [Time] Time: [Time] Time: [Time]

Date: 7/6/16 Time: 17:25 Date: 7-6-16 Time: 17:25

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T161491

Client Name: Enthalpy Project: 371034 po# 371034

Delivered by: Client SunStar Courier GSO FedEx Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Sunny Date/Time Lab Received: 7-6-16 1725

Total number of coolers received:

| | | | | |
|--|-----|---|---|--------------------------|
| Temperature: Cooler #1 | 5.8 | °C +/- the CF (- 0.2°C) = | 5.6 | °C corrected temperature |
| Temperature: Cooler #2 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature: Cooler #3 | | °C +/- the CF (- 0.2°C) = | | °C corrected temperature |
| Temperature criteria = ≤ 6°C (no frozen containers) | | Within criteria? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If NO: | | | | |
| Samples received on ice? | | <input type="checkbox"/> Yes | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |
| If on ice, samples received same day collected? | | <input type="checkbox"/> Yes → Acceptable | <input type="checkbox"/> No → Complete Non-Conformance Sheet | |

Custody seals intact on cooler/sample Yes No* N/A

Sample containers intact Yes No*

Sample labels match Chain of Custody IDs Yes No*

Total number of containers received match COC Yes No*

Proper containers received for analyses requested on COC Yes No*

Proper preservative indicated on COC/containers for analyses requested Yes No* N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: DM 7-6-16

Comments:



WORK ORDER

T161491

Client: Enthalpy Analytical, Inc.

Project Manager: Nicole Bryson

Project: 371034 PO# 371034

Project Number: [none]

Report To:

Enthalpy Analytical, Inc.
 Ranjit Clarke
 806 N. Batavia
 Orange, CA 92868

Date Due: 07/14/16 17:00 (5 day TAT)

Received By: Sunny Lounethone

Date Received: 07/06/16 17:25

Logged In By: Dan Marteski

Date Logged In: 07/06/16 17:45

Samples Received at: **5.6°C**
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confirmed No

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|----------|
| T161491-01 371034-003 [Soil] Sampled 06/24/16 07:22 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 07:22 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 07:22 | |
| T161491-02 371034-009 [Soil] Sampled 06/24/16 07:32 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 07:32 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 07:32 | |
| T161491-03 371034-010 [Soil] Sampled 06/24/16 07:33 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 07:33 | |
| T161491-04 371034-018 [Soil] Sampled 06/24/16 08:10 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 08:10 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 08:10 | |
| T161491-05 371034-024 [Soil] Sampled 06/24/16 08:50 (GMT-08:00) Pacific Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 08:50 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 08:50 | |

WORK ORDER

T161491

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371034 PO# 371034 | Project Number: [none] |

| Analysis | Due | TAT | Expires | Comments |
|--|----------------|-----|----------------|------------------------------------|
| T161491-06 371034-034 [Soil] Sampled 06/24/16 09:01 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 09:01 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 09:01 | |
| T161491-07 371034-043 [Soil] Sampled 06/24/16 09:34 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 09:34 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 09:34 | |
| T161491-08 371034-073 [Soil] Sampled 06/24/16 10:39 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 10:39 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 10:39 | |
| T161491-09 371034-082 [Soil] Sampled 06/24/16 11:09 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 11:09 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 11:09 | |
| T161491-10 371034-088 [Soil] Sampled 06/24/16 11:22 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8015 CC (D/MO) | 07/14/16 15:00 | 5 | 07/08/16 11:22 | |
| 8082 PCB | 07/14/16 15:00 | 5 | 07/08/16 11:22 | |
| T161491-11 371034-092 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 2:1 (SAMPLES 19, 20) |
| T161491-12 371034-093 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 2:1 (SAMPLES 21, 22) |
| T161491-13 371034-094 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 3:1 (SAMPLES 23, 24, 25) |
| T161491-14 371034-095 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific | | | | |
| Time (US & | | | | |
| 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 2:1 (SAMPLES 26, 27) |

WORK ORDER

T161491

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371034 PO# 371034 | Project Number: [none] |

| Analysis | Due | TAT | Expires | Comments |
|---|----------------|-----|----------------|--|
| T161491-15 371034-096 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 4:1 (SAMPLES 28, 29, 30, 31) |
| T161491-16 371034-097 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 4:1 (SAMPLES 32, 33, 34, 35) |
| T161491-17 371034-098 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 4:1 (SAMPLES 36, 37, 38, 39) |
| T161491-18 371034-099 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & 8081 Pesticides | 07/14/16 15:00 | 5 | 07/08/16 00:00 | COMPOSITE 3:1 (SAMPLES 40, 41, 42) |
| T161491-19 SS1-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-20 SS2-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-21 SS25-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-22 SS26-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-23 SS27-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-24 SS28-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| T161491-25 SS29-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |

WORK ORDER

T161491

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371034 PO# 371034 | Project Number: [none] |

| Analysis | Due | TAT | Expires | Comments |
|------------------------------------|-------------------------------|--------------------|---------------------|---------------------------------|
| T161491-26 SS30-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-27 SS31-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-28 SS81-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-29 SS82-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-30 SS83-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-31 SS84-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-32 SS93-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-33 SS94-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-34 SS95-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-35 SS96-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |
| T161491-36 SS101-0.5 [Soil] | Sampled 06/24/16 00:00 | (GMT-08:00) | Pacific Time | (US & [NO ANALYSES]) |

WORK ORDER

T161491

| | |
|--|---------------------------------------|
| Client: Enthalpy Analytical, Inc. | Project Manager: Nicole Bryson |
| Project: 371034 PO# 371034 | Project Number: [none] |

| Analysis | Due | TAT | Expires | Comments |
|--|-----|-----|---------|----------|
| <hr/> | | | | |
| T161491-37 SS102-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |
| T161491-38 SS103-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |
| T161491-39 SS104-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |
| T161491-40 SS105-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |
| T161491-41 SS106-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |
| T161491-42 SS66-0.5 [Soil] Sampled 06/24/16 00:00 (GMT-08:00) Pacific Time (US & [NO ANALYSES] | | | | |
| <hr/> | | | | |





Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
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www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381038
Report Date: 08/04/2016
Date Received: 08/02/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 381038-001 | SS1-0.5 | 381038-025 | SS27-0.5 | 381038-049 | SS40-2.5 |
| 381038-002 | SS1-1.5 | 381038-026 | SS27-1.5 | 381038-050 | SS41-0.5 |
| 381038-003 | SS1-2.5 | 381038-027 | SS27-2.5 | 381038-051 | SS41-1.5 |
| 381038-004 | SS2-0.5 | 381038-028 | SS32-0.5 | 381038-052 | SS41-2.5 |
| 381038-005 | SS2-1.5 | 381038-029 | SS32-1.5 | 381038-053 | SS42-0.5 |
| 381038-006 | SS2-2.5 | 381038-030 | SS32-2.5 | 381038-054 | SS42-1.5 |
| 381038-007 | SS3-0.5 | 381038-031 | SS35-0.5 | 381038-055 | SS42-2.5 |
| 381038-008 | SS3-1.5 | 381038-032 | SS35-1.5 | 381038-056 | SS43-0.5 |
| 381038-009 | SS3-2.5 | 381038-033 | SS35-2.5 | 381038-057 | SS43-0.5 DUP |
| 381038-010 | SS4-0.5 | 381038-034 | SS36-0.5 | 381038-058 | SS43-1.5 |
| 381038-011 | SS4-1.5 | 381038-035 | SS36-1.5 | 381038-059 | SS43-2.5 |
| 381038-012 | SS4-2.5 | 381038-036 | SS36-2.5 | 381038-060 | SS44-0.5 |
| 381038-013 | SS9-0.5 | 381038-037 | SS37-0.5 | 381038-061 | SS44-1.5 |
| 381038-014 | SS9-1.5 | 381038-038 | SS37-0.5 DUP | 381038-062 | SS44-2.5 |
| 381038-015 | SS9-2.5 | 381038-039 | SS37-1.5 | 381038-063 | SS45-0.5 |
| 381038-016 | SS21-0.5 | 381038-040 | SS37-2.5 | 381038-064 | SS45-0.5 DUP |
| 381038-017 | SS21-1.5 | 381038-041 | SS38-0.5 | 381038-065 | SS45-1.5 |
| 381038-018 | SS21-2.5 | 381038-042 | SS38-1.5 | 381038-066 | SS45-2.5 |
| 381038-019 | SS22-0.5 | 381038-043 | SS38-2.5 | 381038-067 | SS46-0.5 |
| 381038-020 | SS22-1.5 | 381038-044 | SS39-0.5 | 381038-068 | SS46-0.5 DUP |
| 381038-021 | SS22-2.5 | 381038-045 | SS39-1.5 | 381038-069 | SS46-1.5 |
| 381038-022 | SS24-0.5 | 381038-046 | SS39-2.5 | 381038-070 | SS46-2.5 |
| 381038-023 | SS24-1.5 | 381038-047 | SS40-0.5 | 381038-071 | SS47-0.5 |
| 381038-024 | SS24-2.5 | 381038-048 | SS40-1.5 | 381038-072 | SS47-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:48 | Site: | |
| Sample #: <u>381038-001</u> | Client Sample #: SS1-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:49 | Site: | |
| Sample #: <u>381038-002</u> | Client Sample #: SS1-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 2.74 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:50 | Site: | |
| Sample #: <u>381038-003</u> | Client Sample #: SS1-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 1.19 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:54 | Site: | |
| Sample #: <u>381038-004</u> | Client Sample #: SS2-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:55 | Site: | |
| Sample #: <u>381038-005</u> | Client Sample #: SS2-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 38.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:56 | Site: | |
| Sample #: <u>381038-006</u> | Client Sample #: SS2-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 11.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:35 | Site: | |
| Sample #: <u>381038-007</u> | Client Sample #: SS3-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:36 | Site: | |
| Sample #: <u>381038-008</u> | Client Sample #: SS3-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:37 | Site: | |
| Sample #: <u>381038-009</u> | Client Sample #: SS3-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:31 | Site: | |
| Sample #: <u>381038-010</u> | Client Sample #: SS4-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:33 | Site: | |
| Sample #: <u>381038-011</u> | Client Sample #: SS4-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:35 | Site: | |
| Sample #: <u>381038-012</u> | Client Sample #: SS4-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:41 | Site: | |
| Sample #: <u>381038-013</u> | Client Sample #: SS9-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 51.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 1.773 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:44 | Site: | |
| Sample #: <u>381038-014</u> | Client Sample #: SS9-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:45 | Site: | |
| Sample #: <u>381038-015</u> | Client Sample #: SS9-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:19 | Site: | |
| Sample #: <u>381038-016</u> | Client Sample #: SS21-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:20 | Site: | |
| Sample #: <u>381038-017</u> | Client Sample #: SS21-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 16.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:22 | Site: | |
| Sample #: <u>381038-018</u> | Client Sample #: SS21-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 20.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:19 | Site: | |
| Sample #: <u>381038-019</u> | Client Sample #: SS22-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:21 | Site: | |
| Sample #: <u>381038-020</u> | Client Sample #: SS22-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 35.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:23 | Site: | |
| Sample #: <u>381038-021</u> | Client Sample #: SS22-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 23.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:44 | Site: | |
| Sample #: <u>381038-022</u> | Client Sample #: SS24-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:45 | Site: | |
| Sample #: <u>381038-023</u> | Client Sample #: SS24-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:47 | Site: | |
| Sample #: <u>381038-024</u> | Client Sample #: SS24-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:30 | Site: | |
| Sample #: <u>381038-025</u> | Client Sample #: SS27-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:31 | Site: | |
| Sample #: <u>381038-026</u> | Client Sample #: SS27-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 39.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 11.6 | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:33 | Site: | |
| Sample #: <u>381038-027</u> | Client Sample #: SS27-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 36.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 10.3 | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:42 | Site: | |
| Sample #: <u>381038-028</u> | Client Sample #: SS32-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:43 | Site: | |
| Sample #: <u>381038-029</u> | Client Sample #: SS32-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169580 |
| Lead | 45.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 07:44 | Site: | |
| Sample #: <u>381038-030</u> | Client Sample #: SS32-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169580 |
| Lead | 1.91 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:20 | Site: | |
| Sample #: <u>381038-031</u> | Client Sample #: SS35-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:21 | Site: | |
| Sample #: <u>381038-032</u> | Client Sample #: SS35-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:22 | Site: | |
| Sample #: <u>381038-033</u> | Client Sample #: SS35-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:30 | Site: | |
| Sample #: <u>381038-034</u> | Client Sample #: SS36-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:31 | Site: | |
| Sample #: <u>381038-035</u> | Client Sample #: SS36-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:32 | Site: | |
| Sample #: <u>381038-036</u> | Client Sample #: SS36-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:33 | Site: | |
| Sample #: <u>381038-037</u> | Client Sample #: SS37-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: <i>EPA 8082 NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:34 | Site: | |
| Sample #: <u>381038-038</u> | Client Sample #: SS37-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: <i>EPA 8082 NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:35 | Site: | |
| Sample #: <u>381038-039</u> | Client Sample #: SS37-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:36 | Site: | |
| Sample #: <u>381038-040</u> | Client Sample #: SS37-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:12 | Site: | |
| Sample #: <u>381038-041</u> | Client Sample #: SS38-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8015B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: <i>EPA 8082 NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:13 | Site: | |
| Sample #: <u>381038-042</u> | Client Sample #: SS38-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: QC1169580 | |
| Lead | 34.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:14 | Site: | |
| Sample #: <u>381038-043</u> | Client Sample #: SS38-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169580 |
| Lead | 1.45 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:01 | Site: | |
| Sample #: <u>381038-044</u> | Client Sample #: SS39-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:02 | Site: | |
| Sample #: <u>381038-045</u> | Client Sample #: SS39-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:03 | Site: | |
| Sample #: <u>381038-046</u> | Client Sample #: SS39-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:34 | Site: | |
| Sample #: <u>381038-047</u> | Client Sample #: SS40-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:35 | Site: | |
| Sample #: <u>381038-048</u> | Client Sample #: SS40-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:36 | Site: | |
| Sample #: <u>381038-049</u> | Client Sample #: SS40-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:50 | Site: | |
| Sample #: <u>381038-050</u> | Client Sample #: SS41-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:51 | Site: | |
| Sample #: <u>381038-051</u> | Client Sample #: SS41-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:52 | Site: | |
| Sample #: <u>381038-052</u> | Client Sample #: SS41-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:41 | Site: | |
| Sample #: <u>381038-053</u> | Client Sample #: SS42-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:42 | Site: | |
| Sample #: <u>381038-054</u> | Client Sample #: SS42-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:43 | Site: | |
| Sample #: <u>381038-055</u> | Client Sample #: SS42-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: | | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:42 | Site: | |
| Sample #: <u>381038-056</u> | Client Sample #: SS43-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:43 | Site: | |
| Sample #: <u>381038-057</u> | Client Sample #: SS43-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:45 | Site: | |
| Sample #: <u>381038-058</u> | Client Sample #: SS43-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | | |
| Lead | 63.3 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:46 | Site: | |
| Sample #: <u>381038-059</u> | Client Sample #: SS43-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | | |
| Lead | 46.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:57 | Site: | |
| Sample #: <u>381038-060</u> | Client Sample #: SS44-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:59 | Site: | |
| Sample #: <u>381038-061</u> | Client Sample #: SS44-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:00 | Site: | |
| Sample #: <u>381038-062</u> | Client Sample #: SS44-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:13 | Site: | |
| Sample #: <u>381038-063</u> | Client Sample #: SS45-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | | |
| See Attached | | 1 | | | | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:14 | Site: | |
| Sample #: <u>381038-064</u> | Client Sample #: SS45-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:15 | Site: | |
| Sample #: <u>381038-065</u> | Client Sample #: SS45-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:17 | Site: | |
| Sample #: <u>381038-066</u> | Client Sample #: SS45-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:28 | Site: | |
| Sample #: <u>381038-067</u> | Client Sample #: SS46-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:29 | Site: | |
| Sample #: <u>381038-068</u> | Client Sample #: SS46-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:31 | Site: | |
| Sample #: <u>381038-069</u> | Client Sample #: SS46-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 10:32 | Site: | |
| Sample #: <u>381038-070</u> | Client Sample #: SS46-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:12 | Site: | |
| Sample #: <u>381038-071</u> | Client Sample #: SS47-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:13 | Site: | |
| Sample #: <u>381038-072</u> | Client Sample #: SS47-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 45.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:14 | Site: | |
| Sample #: <u>381038-073</u> | Client Sample #: SS47-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 57.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:14 | Site: | |
| Sample #: <u>381038-074</u> | Client Sample #: SS48-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:15 | Site: | |
| Sample #: <u>381038-075</u> | Client Sample #: SS48-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:19 | Site: | |
| Sample #: <u>381038-076</u> | Client Sample #: SS48-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:20 | Site: | |
| Sample #: <u>381038-077</u> | Client Sample #: SS49-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:21 | Site: | |
| Sample #: <u>381038-078</u> | Client Sample #: SS49-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:24 | Site: | |
| Sample #: <u>381038-079</u> | Client Sample #: SS49-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:05 | Site: | |
| Sample #: <u>381038-080</u> | Client Sample #: SS50-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:06 | Site: | |
| Sample #: <u>381038-081</u> | Client Sample #: SS50-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:07 | Site: | |
| Sample #: <u>381038-082</u> | Client Sample #: SS50-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:16 | Site: | |
| Sample #: <u>381038-083</u> | Client Sample #: SS53-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169580 | |
| Lead | 109 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 2.23 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:17 | Site: | |
| Sample #: <u>381038-084</u> | Client Sample #: SS53-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:18 | Site: | |
| Sample #: <u>381038-085</u> | Client Sample #: SS53-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:26 | Site: | |
| Sample #: <u>381038-086</u> | Client Sample #: SS54-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:27 | Site: | |
| Sample #: <u>381038-087</u> | Client Sample #: SS54-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 3.18 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:28 | Site: | |
| Sample #: <u>381038-088</u> | Client Sample #: SS54-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.50 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 12:06 | Site: | |
| Sample #: <u>381038-089</u> | Client Sample #: SS55-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 12:07 | Site: | |
| Sample #: <u>381038-090</u> | Client Sample #: SS55-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 2.06 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 12:08 | Site: | |
| Sample #: <u>381038-091</u> | Client Sample #: SS55-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 1.751 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:51 | Site: | |
| Sample #: <u>381038-092</u> | Client Sample #: SS68-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:52 | Site: | |
| Sample #: <u>381038-093</u> | Client Sample #: SS68-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 5.43 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 11:53 | Site: | |
| Sample #: <u>381038-094</u> | Client Sample #: SS68-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.54 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:02 | Site: | |
| Sample #: <u>381038-095</u> | Client Sample #: SS70-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:03 | Site: | |
| Sample #: <u>381038-096</u> | Client Sample #: SS70-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.81 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:04 | Site: | |
| Sample #: <u>381038-097</u> | Client Sample #: SS70-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 3.09 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:38 | Site: | |
| Sample #: <u>381038-098</u> | Client Sample #: SS72-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:39 | Site: | |
| Sample #: <u>381038-099</u> | Client Sample #: SS72-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:40 | Site: | |
| Sample #: <u>381038-100</u> | Client Sample #: SS72-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:54 | Site: | |
| Sample #: <u>381038-101</u> | Client Sample #: SS73-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:55 | Site: | |
| Sample #: <u>381038-102</u> | Client Sample #: SS73-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-------------|------------|--------------|-----------------|-----------------|------------------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | <i>QC1169581</i> |
| Lead | 35.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:56 | Site: | |
| Sample #: <u>381038-103</u> | Client Sample #: SS73-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-------------|------------|--------------|-----------------|-----------------|------------------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | <i>QC1169581</i> |
| Lead | 28.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:28 | Site: | |
| Sample #: <u>381038-104</u> | Client Sample #: SS74-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:29 | Site: | |
| Sample #: <u>381038-105</u> | Client Sample #: SS74-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-------------|------------|--------------|-----------------|-----------------|------------------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | <i>QC1169581</i> |
| Lead | 1.83 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:30 | Site: | |
| Sample #: <u>381038-106</u> | Client Sample #: SS74-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-------------|------------|--------------|-----------------|-----------------|------------------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | <i>QC1169581</i> |
| Lead | 1.77 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:16 | Site: | |
| Sample #: <u>381038-107</u> | Client Sample #: SS76-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:17 | Site: | |
| Sample #: <u>381038-108</u> | Client Sample #: SS76-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----------|-------------|------------|--------------|-----------------|-----------------|------------------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | <i>QC1169581</i> |
| Lead | 13.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:18 | Site: | |
| Sample #: <u>381038-109</u> | Client Sample #: SS76-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.77 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:19 | Site: | |
| Sample #: <u>381038-110</u> | Client Sample #: SS77-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:20 | Site: | |
| Sample #: <u>381038-111</u> | Client Sample #: SS77-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.80 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:21 | Site: | |
| Sample #: <u>381038-112</u> | Client Sample #: SS77-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 18.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:14 | Site: | |
| Sample #: <u>381038-113</u> | Client Sample #: SS79-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:15 | Site: | |
| Sample #: <u>381038-114</u> | Client Sample #: SS79-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 63.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:16 | Site: | |
| Sample #: <u>381038-115</u> | Client Sample #: SS79-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 2.27 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:54 | Site: | |
| Sample #: <u>381038-116</u> | Client Sample #: SS80-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:00 | Site: | |
| Sample #: <u>381038-117</u> | Client Sample #: SS80-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 18.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:01 | Site: | |
| Sample #: <u>381038-118</u> | Client Sample #: SS80-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.97 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:12 | Site: | |
| Sample #: <u>381038-119</u> | Client Sample #: SS82-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:13 | Site: | |
| Sample #: <u>381038-120</u> | Client Sample #: SS82-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 1.59 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 14:14 | Site: | |
| Sample #: <u>381038-121</u> | Client Sample #: SS82-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169581 | |
| Lead | 0.88 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:25 | Site: | |
| Sample #: <u>381038-122</u> | Client Sample #: SS87-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:26 | Site: | |
| Sample #: <u>381038-123</u> | Client Sample #: SS87-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 4.28 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:27 | Site: | |
| Sample #: <u>381038-124</u> | Client Sample #: SS87-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 0.55 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:20 | Site: | |
| Sample #: <u>381038-125</u> | Client Sample #: SS88-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:21 | Site: | |
| Sample #: <u>381038-126</u> | Client Sample #: SS88-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1169582</i> | |
| Lead | 5.12 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1169604</i> | |
| Arsenic | 2.80 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 13:23 | Site: | |
| Sample #: <u>381038-127</u> | Client Sample #: SS88-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1169582</i> | |
| Lead | 2.70 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1169604</i> | |
| Arsenic | 1.955 J | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:17 | Site: | |
| Sample #: <u>381038-128</u> | Client Sample #: SS91-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8081A NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:18 | Site: | |
| Sample #: <u>381038-129</u> | Client Sample #: SS91-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:19 | Site: | |
| Sample #: <u>381038-130</u> | Client Sample #: SS91-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:00 | Site: | |
| Sample #: <u>381038-131</u> | Client Sample #: SS92-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:01 | Site: | |
| Sample #: <u>381038-132</u> | Client Sample #: SS92-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 21.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:03 | Site: | |
| Sample #: <u>381038-133</u> | Client Sample #: SS92-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 1.61 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:25 | Site: | |
| Sample #: <u>381038-134</u> | Client Sample #: SS93-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:41 | Site: | |
| Sample #: <u>381038-135</u> | Client Sample #: SS93-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 26.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:42 | Site: | |
| Sample #: <u>381038-136</u> | Client Sample #: SS93-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 30.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:13 | Site: | |
| Sample #: <u>381038-137</u> | Client Sample #: SS95-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:15 | Site: | |
| Sample #: <u>381038-138</u> | Client Sample #: SS95-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 9.03 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:16 | Site: | |
| Sample #: <u>381038-139</u> | Client Sample #: SS95-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 3.16 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:06 | Site: | |
| Sample #: <u>381038-140</u> | Client Sample #: SS96-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:07 | Site: | |
| Sample #: <u>381038-141</u> | Client Sample #: SS96-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 2.80 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:08 | Site: | |
| Sample #: <u>381038-142</u> | Client Sample #: SS96-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 1.34 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:09 | Site: | |
| Sample #: <u>381038-143</u> | Client Sample #: SS97-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:10 | Site: | |
| Sample #: <u>381038-144</u> | Client Sample #: SS97-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:11 | Site: | |
| Sample #: <u>381038-145</u> | Client Sample #: SS97-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:04 | Site: | |
| Sample #: <u>381038-146</u> | Client Sample #: SS98-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:05 | Site: | |
| Sample #: <u>381038-147</u> | Client Sample #: SS98-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 11.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:06 | Site: | |
| Sample #: <u>381038-148</u> | Client Sample #: SS98-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 0.93 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:15 | Site: | |
| Sample #: <u>381038-149</u> | Client Sample #: SS100-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8015B <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: EPA 8082 <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:16 | Site: | |
| Sample #: <u>381038-150</u> | Client Sample #: SS100-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:17 | Site: | |
| Sample #: <u>381038-151</u> | Client Sample #: SS100-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:15 | Site: | |
| Sample #: <u>381038-152</u> | Client Sample #: SS101-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:16 | Site: | |
| Sample #: <u>381038-153</u> | Client Sample #: SS101-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 1.16 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 11.2 | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:17 | Site: | |
| Sample #: <u>381038-154</u> | Client Sample #: SS101-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 1.33 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169604 | |
| Arsenic | 3.78 | 10 | 0.2 | 3 | mg/Kg | 08/02/16 | 08/03/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:19 | Site: | |
| Sample #: <u>381038-155</u> | Client Sample #: SS102-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:20 | Site: | |
| Sample #: <u>381038-156</u> | Client Sample #: SS102-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 2.00 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:21 | Site: | |
| Sample #: <u>381038-157</u> | Client Sample #: SS102-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169582 | |
| Lead | 40.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/02/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:04 | Site: | |
| Sample #: <u>381038-158</u> | Client Sample #: SS103-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:05 | Site: | |
| Sample #: <u>381038-159</u> | Client Sample #: SS103-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169616 | |
| Lead | 47.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/03/16 | 08/03/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 08:06 | Site: | |
| Sample #: <u>381038-160</u> | Client Sample #: SS103-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169616 | |
| Lead | 11.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/03/16 | 08/03/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 09:58 | Site: | |
| Sample #: <u>381038-161</u> | Client Sample #: SS44-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-162</u> | Client Sample #: EQBL0802-1 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-------|-------|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3010A</i> | | | | | | QCBatchID: <i>QC1169615</i> | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/03/16 | 08/03/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3010A</i> | | | | | | QCBatchID: <i>QC1169609</i> | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/03/16 | 08/03/16 | MH |
| Method: <i>EPA 8015B NELAC</i> | Prep Method: <i>Method</i> | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |
| Method: <i>EPA 8081A NELAC</i> | Prep Method: <i>Method</i> | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-163</u> | Client Sample #: EQBL0802-2 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-------|-------|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3010A</i> | | | | | | QCBatchID: <i>QC1169615</i> | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/03/16 | 08/03/16 | JN |
| Method: <i>EPA 6020 NELAC</i> | Prep Method: <i>EPA 3010A</i> | | | | | | QCBatchID: <i>QC1169609</i> | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/03/16 | 08/03/16 | MH |
| Method: <i>EPA 8015B NELAC</i> | Prep Method: <i>Method</i> | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-164</u> | Client Sample #: COMP9 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8081A NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-165</u> | Client Sample #: COMP10 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8081A NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-166</u> | Client Sample #: COMP11 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 8081A NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-167</u> | Client Sample #: COMP12 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/02/2016 | Site: | |
| Sample #: <u>381038-168</u> | Client Sample #: COMP11 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: EPA 8081A <i>NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| See Attached | | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169580</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169580MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169580LCS1 | | | | | | | | | | | |
| Lead | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169580MS1, QC1169580MSD1 | | | | | | | | | | | | |
| Lead | 1.19 | 100 | 100 | 101 | 98.7 | mg/Kg | 100 | 98 | 2.3 | 75-125 | 20 | Source: 381038-003 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169581</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169581MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169581LCS1 | | | | | | | | | | | |
| Lead | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169581MS1, QC1169581MSD1 | | | | | | | | | | | | |
| Lead | 3.18 | 100 | 100 | 94.4 | 92.3 | mg/Kg | 91 | 89 | 2.2 | 75-125 | 20 | Source: 381038-087 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169582</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169582MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169582LCS1 | | | | | | | | | | | |
| Lead | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169582MS1, QC1169582MSD1 | | | | | | | | | | | | |
| Lead | 1.61 | 100 | 100 | 100 | 101 | mg/Kg | 99 | 100 | 1.0 | 75-125 | 20 | Source: 381038-133 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169604</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|----------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169604MB1 | | | | | | |
| Arsenic | 0.031 J | mg/Kg | 0.02 | 0.3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169604LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 50.2 | | mg/Kg | 100 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169604MS1, QC1169604MSD1 | | | | | | | | | | | | |
| Arsenic | 3.78 | 50 | 50 | 51.8 | 52.5 | mg/Kg | 96 | 97 | 1.3 | 75-125 | 20 | Source: 381038-154 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169609</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Water | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169609MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169609LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 45.4 | | ug/L | 91 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169609MS1, QC1169609MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 45.4 | 46.1 | ug/L | 91 | 92 | 1.5 | 75-125 | 20 | Source: 381038-163 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169615</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Water | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169615MB1 | | | | | | |
| Lead | ND | mg/L | 0.004 | 0.005 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169615LCS1 | | | | | | | | | | | |
| Lead | 2 | | 2.25 | | mg/L | 113 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169615MS1, QC1169615MSD1 | | | | | | | | | | | | |
| Lead | ND | 1 | 1 | 1.08 | 1.09 | mg/L | 108 | 109 | 0.9 | 75-125 | 20 | Source: 381038-163 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169616</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/03/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169616MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169616LCS1 | | | | | | | | | | | |
| Lead | 200 | | 201 | | mg/Kg | 101 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169616MS1, QC1169616MSD1 | | | | | | | | | | | | |
| Lead | 11.8 | 100 | 100 | 110 | 113 | mg/Kg | 98 | 101 | 2.7 | 75-125 | 20 | Source: 381038-160 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 981038

Page: 1 of 10

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: 2 4 Day: 2 1 Day: X 3 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 SS1-0.5 | 8/2/10 | 0746 | Soil | 1 X APPLIED | NONE | Arsenic (USEPA 6020) Lead (USEPA 6010B) OCP (8081A) VOCs+oxys (USEPA 8260B/5035) TPH-g (USEPA 8015M/5035) TPH-d/o (USEPA 8015M) PCBs (EPA Method 8082) | Hold & Archive |
| 2 SS1-1.5 | | 0749 | Soil | | | | |
| 3 SS1-2.5 | | 0756 | Soil | | | | |
| 4 SS2-0.5 | | 0754 | Soil | | | | Hold & Archive |
| 5 SS2-1.5 | | 0755 | Soil | | | | |
| 6 SS2-2.5 | | 0756 | Soil | | | | |
| 7 SS2-0.5 | | | Soil | | | | |
| 8 SS2-1.5 | | | Soil | | | | |
| 9 SS2-2.5 | | | Soil | | | | |
| 10 SS3-0.5 | 8/2/10 | 0735 | Soil | 1 X APPLIED | NONE | | |

Signature: [Signature] Print Name: ERIC FRASKE Company / Title: ALTA Date / Time: 08/02/10 1458

1 Relinquished By: [Signature] ERIC FRASKE Alta Environmental 08/02/10 1458

2 Relinquished By: [Signature] Eric Frask Alta Environmental 8/2/10 1634

3 Relinquished By: [Signature] Tommy D Alta Environmental 8/2/10 1035

Received By: [Signature]

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 381038 Page: 2 of 18 Standard: 2 4 Day: X 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SealW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvironment.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS3-1.5 | 8/2/10 | 0730 | Soil | 1X AERIAL SPEN | None | | Hold & Archive |
| 2 SS3-2.5 | | 0737 | Soil | | | | Hold & Archive |
| 3 SS4-0.5 | | 0731 | Soil | | | X | |
| 4 SS4-1.5 | | 0733 | Soil | | | XX | Hold & Archive |
| 5 SS4-2.5 | | 0735 | Soil | | | | Hold & Archive |
| 6 SS9-0.5 | | 1341 | Soil | | | XX | Hold & Archive |
| 7 SS9-1.5 | | 1344 | Soil | | | | Hold & Archive |
| 8 SS9-2.5 | | 1345 | Soil | | | | Hold & Archive |
| 9 SS21-0.5 | | 0719 | Soil | | | | Hold & Archive |
| 10 SS21-1.5 | | 0720 | Soil | | | X | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: Eric Fraske ALTA 08/02/10 1458
 1 Received By: Deanna Downing Deanna Downing 8/2/10 1458
 2 Relinquished By: Deanna Downing Enthalphy 8/2/10 1634
 2 Received By: Tony D Tony D 8/2/10 1635
 3 Relinquished By:
 3 Received By:

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 981038
 Page: 3 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: *NA* 4 Day: 3 Day:
 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altanviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) |
|-------------|---------------|---------------|--------|----------------------|-------|-------------------------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|
| 1 SS21-2.5 | 8/2/10 | 0722 | Soil | 1x Archival Sterile | None | <input checked="" type="checkbox"/> | | | | | | |
| 2 SS22-0.5 | | 0719 | Soil | | | | | | | | | |
| 3 SS22-1.5 | | 0721 | Soil | | | | | | | | | |
| 4 SS22-2.5 | | 0723 | Soil | | | | | | | | | |
| 5 SS24-0.5 | | 0744 | Soil | | | | | | | | | |
| 6 SS24-1.5 | | 0745 | Soil | | | | | | | | | |
| 7 SS24-2.5 | | 0747 | Soil | | | | | | | | | |
| 8 SS27-0.5 | | 0830 | Soil | | | | | | | | | |
| 9 SS27-1.5 | | 0831 | Soil | | | | | | | | | |
| 10 SS27-2.5 | | 0833 | Soil | | | | | | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: *[Signature]* ERIC FRASKE ALTA
 1 Received By: *[Signature]* Dennis Dunsing
 2 Relinquished By: *[Signature]* Dennis Dunsing
 2 Received By: *[Signature]* Terry D
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]*

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



Billing: Enthalphy - SoCal
 c/o Monrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 381038
 Page: 4 of 10

Standard: ~~2~~ 4 Day: X
 2 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|------------------------|-------|--|------------------------------|
| 1 | 8/2/10 | 0942 | Soil | 1 x Acetalp Sterile | NONE | Arsenic (USEPA 6020) Lead (USEPA 6010B) OCP (8081A) VOCs+oxys (USEPA 8260B/5035) TPH-g (USEPA 8015M/5035) TPH-d/o (USEPA 8015M) PCBs (EPA Method 8082) | |
| 2 | | 0743 | Soil | | | | |
| 3 | | 0944 | Soil | | | | |
| 4 | | 1020 | Soil | | | | |
| 5 | | 1021 | Soil | | | | Hold & Archive |
| 6 | | 1022 | Soil | | | | Hold & Archive |
| 7 | | 0930 | Soil | | | | |
| 8 | | 0931 | Soil | | | | Hold & Archive |
| 9 | | 0932 | Soil | | | | Hold & Archive |
| 10 | | 0933 | Soil | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: ERIC FRASKE
 Received By: DONNIE DAWSON
 Relinquished By: DONNIE DAWSON
 Received By: TERRY D
 Relinquished By:
 Received By:

ALTA
 Enthalphy
 Enthalphy
 Enthalphy

08/02/10 1458
 8/2/10 1458
 8/2/10 1634
 8/2/10 1635

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenvironment.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 381038
 Page: 5 of 10

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day:
 1 Day: Same Day:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 SS37-0.5DUP | 8/2/10 | 0934 | Soil | 1X ARCHIVE | None | <input checked="" type="checkbox"/> | Hold & Archive |
| 2 SS37-1.5 | | 0935 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 3 SS37-2.5 | | 0936 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 4 SS38-0.5 | | 1012 | Soil | | | <input checked="" type="checkbox"/> | |
| 5 SS38-1.5 | | 1013 | Soil | | | <input checked="" type="checkbox"/> | |
| 6 SS38-2.5 | | 1014 | Soil | | | <input checked="" type="checkbox"/> | |
| 7 SS39-0.5 | | 1001 | Soil | | | <input checked="" type="checkbox"/> | |
| 8 SS39-1.5 | | 1002 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 9 SS39-2.5 | | 1003 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 10 SS40-0.5 | | 1034 | Soil | | | <input checked="" type="checkbox"/> | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|-----------|---------------|-----------------|---------------|
| 1 Relinquished By: | | ERIC FRASKE | ACTA | 08/02/10 1458 |
| 1 Received By: | | Dennis D'Arcy | Enthalphy | 8/2/10 1458 |
| 2 Relinquished By: | | Dennis D'Arcy | Enthalphy | 8/2/10 1634 |
| 2 Received By: | | Tony D | Enthalphy | 8/2/10 1035 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

381038

Page:

10

of

18

2 Day:

Turn Around Time (Rush by advanced notice only)

Standard:

2

4 Day:

3 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Address: Long Beach, CA 90807

Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 8/2/16 | 1035 | Soil | 1x ACETAP 1635 | None | Arsenic (USEPA 6020) Lead (USEPA 6010B) OCP (8081A) VOCs+oxys (USEPA 8260B/5035) TPH-g (USEPA 8015M/5035) TPH-d/o (USEPA 8015M) PCBs (EPA Method 8082) | Hold & Archive |
| 2 | | 1036 | Soil | | | | Hold & Archive |
| 3 | | 1050 | Soil | | | | Hold & Archive |
| 4 | | 1057 | Soil | | | | Hold & Archive |
| 5 | | 1052 | Soil | | | | Hold & Archive |
| 6 | | 1041 | Soil | | | | Hold & Archive |
| 7 | | 1042 | Soil | | | | Hold & Archive |
| 8 | | 1043 | Soil | | | | Hold & Archive |
| 9 | | 1042 | Soil | | | | Hold & Archive |
| 10 | | 1043 | Soil | | | | Hold & Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

ERIC FRASKE

ACTA

08/02/16 1458

1 Received By:

[Signature]

ERIC FRASKE

ACTA

8/2/16 1458

2 Relinquished By:

[Signature]

Eric Fraske

Enthalphy

8/2/16 1634

2 Received By:

[Signature]

Eric Fraske

Enthalphy

8/2/16 1035

3 Relinquished By:

[Signature]

Eric Fraske

Enthalphy

3 Received By:

[Signature]

Eric Fraske

Enthalphy

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 981038
 Page: 7 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|--------|--|------------------------------|
| 1 | 8/2/10 | 1045 | Soil | 1X 99999 | Native | Arsenic (USEPA 6020) Lead (USEPA 6010B) OCP (8081A) VOCs+oxys (USEPA 8260B/5035) TPH-g (USEPA 8015M/5035) TPH-d/o (USEPA 8015M) PCBs (EPA Method 8082) | |
| 2 | SS43-2.5 | 1040 | Soil | | | | |
| 3 | SS44-0.5 | 0953 | Soil | | | | |
| 4 | SS44-1.5 | 0959 | Soil | | | | Hold & Archive |
| 5 | SS44-2.5 | 1000 | Soil | | | | Hold & Archive |
| 6 | SS45-0.5 | 1013 | Soil | | | | |
| 7 | SS45-0.5DUP | 1014 | Soil | | | | |
| 8 | SS45-1.5 | 1015 | Soil | | | | Hold & Archive |
| 9 | SS45-2.5 | 1017 | Soil | | | | Hold & Archive |
| 10 | SS46-0.5 | 1028 | Soil | | | | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--|--------------|-----------|---------------|
| 1 Relinquished By: | | ERIC FRASKE | ALTA | 08/02/10 1458 |
| 1 Received By: | | Dennis Davis | Enthalphy | 8/2/10 1453 |
| 2 Relinquished By: | | Dennis Davis | Enthalphy | 8/2/10 1634 |
| 2 Received By: | | Tony D | Enthalphy | 8/2/10 1635 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 281038
 Page: 2 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: 4 Day:
 2 Day: 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvironment.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS46-0.5DUP | 8/2/16 | 1029 | Soil | 1x ACRYL 8 STEP | None | | Hold & Archive |
| 2 SS46-1.5 | | 1031 | Soil | | | | Hold & Archive |
| 3 SS46-2.5 | | 1032 | Soil | | | | Hold & Archive |
| 4 SS47-0.5 | | 1112 | Soil | | | | |
| 5 SS47-1.5 | | 1113 | Soil | | | | |
| 6 SS47-2.5 | | 1114 | Soil | | | | |
| 7 SS48-0.5 | | 1114 | Soil | | | | |
| 8 SS48-1.5 | | 1115 | Soil | | | | Hold & Archive |
| 9 SS48-2.5 | | 1114 | Soil | | | | Hold & Archive |
| 10 SS49-0.5 | | 1120 | Soil | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: [Signature] ERIC FRASKE
 1 Received By: [Signature] Dennis Duvinsky
 2 Relinquished By: [Signature] Tony D
 2 Received By: [Signature] Tony D
 3 Relinquished By: [Signature]
 3 Received By: [Signature]

ALTA

08/02/16 1457

ENTHALPHY

8/2/16 1458

ENTHALPHY

8/2/16 1634

ENTHALPHY

8/2/16 1035

ENTHALPHY ANALYTICAL, INC.

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c/o Montrose Environmental Group

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CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 981038

Page: 1 of 12

Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS49-1.5 | 8/2/10 | 1121 | Soil | 1 x ACETAP STREP | None | | Hold & Archive |
| 2 SS49-2.5 | | 1124 | Soil | | | | Hold & Archive |
| 3 SS50-0.5 | | 1165 | Soil | | | | |
| 4 SS50-1.5 | | 1169 | Soil | | | | Hold & Archive |
| 5 SS50-2.5 | | 1107 | Soil | | | | Hold & Archive |
| 6 SSS3-0.5 | | 1316 | Soil | | | | Hold & Archive |
| 7 SSS3-1.5 | | 1317 | Soil | | | | Hold & Archive |
| 8 SSS3-2.5 | | 1318 | Soil | | | | Hold & Archive |
| 9 SS54-0.5 | | 1326 | Soil | | | | Hold & Archive |
| 10 SS54-1.5 | | 1327 | Soil | | | | Hold & Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: Eric Fraske

1 Received By: Dennis Demery

2 Relinquished By: Dennis Demery

2 Received By: Dawn D

3 Relinquished By:

3 Received By:

ERIC FRASKE
 DENNIS DEMERY
 DENNIS DEMERY
 DAWN D
 ACCTA
 ENTHALPHY
 ENTHALPHY
 ENTHALPHY
 08/03/10 1458
 8/2/10 1458
 8/2/11 1634
 8/2/10 1035

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Chain of Custody Record

Lab No: 981078
 Page: 16 of 18

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day: Same Day:
 2 Day: 1 Day: X

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 8/2/10 | 1328 | Soil | 1/2 Acetate Stove | None | X | Hold & Archive |
| 2 | | 1200 | Soil | | | | |
| 3 | | 1207 | Soil | | | X | |
| 4 | | 1200 | Soil | | | X | |
| 5 | | 1151 | Soil | | | | Hold & Archive |
| 6 | | 1152 | Soil | | | X | |
| 7 | | 1153 | Soil | | | X | |
| 8 | | 1402 | Soil | | | | Hold & Archive |
| 9 | | 1403 | Soil | | | X | |
| 10 | | 1404 | Soil | | | X | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--|--------------|-----------|---------------|
| 1 Relinquished By: | | ERIC FRASKE | ALTA | 08/02/10 1458 |
| 1 Received By: | | Dana's Danny | ENTHALPHY | 8/2/10 1458 |
| 2 Relinquished By: | | Dana's Danny | ENTHALPHY | 8/2/10 1634 |
| 2 Received By: | | Dana's Danny | ENTHALPHY | 8/2/10 1035 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - Social
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Chain of Custody Record
 Lab No: 981038
 Page: 11 of 18
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

Turn Around Time (Rush by advanced notice only)
 Standard: 2 Day: 3 Day:
 1 Day: X Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS72-0.5 | 8/2/10 | 1338 | Soil | 1 X Acetate 5 Liter | None | | Hold & Archive |
| 2 SS72-1.5 | | 1339 | Soil | | | | Hold & Archive |
| 3 SS72-2.5 | | 1346 | Soil | | | | Hold & Archive |
| 4 SS73-0.5 | | 1354 | Soil | | | | Hold & Archive |
| 5 SS73-1.5 | | 1355 | Soil | | | | |
| 6 SS73-2.5 | | 1356 | Soil | | | | Hold & Archive |
| 7 SS74-0.5 | | 1428 | Soil | | | | |
| 8 SS74-1.5 | | 1429 | Soil | | | | |
| 9 SS74-2.5 | | 1436 | Soil | | | | |
| 10 SS76-0.5 | | 1440 | Soil | | | | Hold & Archive |

Signature: [Handwritten Signatures]
 Print Name: ERIC FRASKE, DENNIS DENNEY, TONY D
 Company / Title: ALTA, Enthalphy, Enthalphy
 Date / Time: 08/02/10 1450, 8/2/10 1458, 8/2/10 1634, 8/2/10 1035

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Chain of Custody Record

Lab No: 981038
 Page: 12 of 18
 Standard: 4 Day:
 2 Day: 1 Day: Same Day:

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day:
 2 Day: 1 Day: Same Day:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS76-1.5 | 8/21/10 | 1417 | Soil | 1 X ACETATE SWAB | None | | |
| 2 SS76-2.5 | | 1418 | Soil | | | | |
| 3 SS77-0.5 | | 1419 | Soil | | | | Hold + Archive |
| 4 SS77-1.5 | | 1420 | Soil | | | | |
| 5 SS77-2.5 | | 1421 | Soil | | | | |
| 6 SS79-0.5 | | 1314 | Soil | | | | Hold + Archive |
| 7 SS79-1.5 | | 1315 | Soil | | | | |
| 8 SS79-2.5 | | 1316 | Soil | | | | |
| 9 SS80-0.5 | | 1354 | Soil | | | | Hold + Archive |
| 10 SS80-1.5 | | 1400 | Soil | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: Eric Fraske
 1 Received By: Eric Fraske
 2 Relinquished By: Dennis Danning
 2 Received By: Dennis Danning
 3 Relinquished By:
 3 Received By:
 Company: ALTA
 Date: 08/21/10 1459
 Date: 8/21/10 1459
 Date: 8/21/10 1634
 Date: 8/21/10 1635

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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 1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sampled By:

PROJECT INFORMATION

Chain of Custody Record
 Lab No: 281028
 Page: 13 of 2 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Analysis Request

Standard: 1 Day: 4 Day:
 2 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 SS80-2.5 | 6/2/10 | 1401 | Soil | 1326 | None | | X | | | | | | Hold + Archive |
| 2 SS82-0.5 | | 1412 | Soil | | | | | | | | | | Hold + Archive |
| 3 SS82-1.5 | | 1413 | Soil | | | | X | | | | | | |
| 4 SS82-2.5 | | 1414 | Soil | | | | X | | | | | | |
| 5 SS87-0.5 | | 1325 | Soil | | | | | | | | | | Hold + Archive |
| 6 SS87-1.5 | | 1326 | Soil | | | | X | | | | | | |
| 7 SS87-2.5 | | 1327 | Soil | | | | X | | | | | | |
| 8 SS88-0.5 | | 1320 | Soil | | | | X | | | | | | Hold + Archive |
| 9 SS88-1.5 | | 1321 | Soil | | | | X | | | | | | |
| 10 SS88-2.5 | | 1323 | Soil | | | | X | | | | | | |

Signature: *[Handwritten Signatures]*
 Print Name: ERIC FRASKE
 Company / Title: ACTA
 Date / Time: 08/02/16 1458

Received By: *[Handwritten Signature]*
 Received By: DENNIS DANKING
 Received By: TOMMY D
 Received By: *[Handwritten Signature]*

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 981098
 Page: 14 of 18 2 Day: 4 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SealW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvironment.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------------------------------|---------------|----------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS91-0.5 | 8/2/10 | 0917 | Soil | 1 x Acetate Preserve | None | | Hold & Archive |
| 2 SS91-1.5 | | 0918 | Soil | | | | Hold & Archive |
| 3 SS91-2.5 | | 0919 | Soil | | | | Hold & Archive |
| 4 SS92-0.5 | | 0900 | Soil | | | | Hold & Archive |
| 5 SS92-1.5 | | 0901 | Soil | | | | Hold & Archive |
| 6 SS92-2.5 | | 0903 | Soil | | | | Hold & Archive |
| 7 SS93-0.5 | | 0825 | Soil | | | | Hold & Archive |
| 8 SS93-1.5 | | 0841 | Soil | | | | Hold & Archive |
| 9 SS93-2.5 | | 0842 | Soil | | | | Hold & Archive |
| 10 SS95-0.5 | | 0903 | Soil | | | | Hold & Archive |
| Signature | | Print Name | | Company / Title | | Date / Time | |
| 1 Relinquished By: <i>[Signature]</i> | | ERIC FRASKE | | ALTA | | 8/2/10 1458 | |
| 1 Received By: <i>[Signature]</i> | | Dennis Downing | | Enthalphy | | 8/2/10 1458 | |
| 2 Relinquished By: <i>[Signature]</i> | | Dennis Downing | | Enthalphy | | 8/2/10 1634 | |
| 2 Received By: <i>[Signature]</i> | | Dennis Downing | | Enthalphy | | 8/2/10 1635 | |
| 3 Relinquished By: <i>[Signature]</i> | | | | | | | |
| 3 Received By: <i>[Signature]</i> | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 981038
 Page: 15 of 19 2 Day: 4 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Email: eric.fraske@altaenvironment.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 SS95-1.5 | 8/2/10 | 0815 | Soil | 1x Acetate # sieve | None | <input checked="" type="checkbox"/> | |
| 2 SS95-2.5 | | 0816 | Soil | | | <input checked="" type="checkbox"/> | |
| 3 SS96-0.5 | | 0866 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 4 SS96-1.5 | | 0807 | Soil | | | <input checked="" type="checkbox"/> | |
| 5 SS96-2.5 | | 0808 | Soil | | | <input checked="" type="checkbox"/> | |
| 6 SS97-0.5 | | 0909 | Soil | | | <input checked="" type="checkbox"/> | |
| 7 SS97-1.5 | | 0910 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 8 SS97-2.5 | | 0911 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 9 SS98-0.5 | | 0904 | Soil | | | <input checked="" type="checkbox"/> | Hold & Archive |
| 10 SS98-1.5 | | 0905 | Soil | | | <input checked="" type="checkbox"/> | |

Signature

Print Name

Company / Title

Date / Time

| | | | | | |
|--------------------|--|--------------|----------|----------|------|
| 1 Relinquished By: | | ERIC FRASKE | ALTA | 08/16/10 | 1458 |
| 1 Received By: | | Dennis Damms | Enthalpy | 8/2/10 | 1458 |
| 2 Relinquished By: | | Dennis Damms | Enthalpy | 8/2/10 | 1534 |
| 2 Received By: | | Dawn D | Enthalpy | 8/2/10 | 1635 |
| 3 Relinquished By: | | | | | |
| 3 Received By: | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 981078

Page: 14 of 18

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 OCP (8081A)
 VOCs+oxys (USEPA 8260B/5035)
 TPH-g (USEPA 8015M/5035)
 TPH-d/o (USEPA 8015M)
 PCBs (EPA Method 8082)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|-------------------------------------|------------------------------|
| 1 SS98-2.5 | 8/21/04 | 0900 | Soil | 1 x Aerolab 5 liter | None | <input checked="" type="checkbox"/> | |
| 2 SS100-0.5 | | 0915 | Soil | | | <input checked="" type="checkbox"/> | |
| 3 SS100-1.5 | | 0916 | Soil | | | <input checked="" type="checkbox"/> | |
| 4 SS100-2.5 | | 0917 | Soil | | | <input checked="" type="checkbox"/> | |
| 5 SS101-0.5 | | 0815 | Soil | | | | Hold & Archive |
| 6 SS101-1.5 | | 0816 | Soil | | | | Hold & Archive |
| 7 SS101-2.5 | | 0817 | Soil | | | | Hold & Archive |
| 8 SS102-0.5 | | 0819 | Soil | | | | Hold & Archive |
| 9 SS102-1.5 | | 0820 | Soil | | | | |
| 10 SS102-2.5 | | 0821 | Soil | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: Eric Fraske
 1 Received By: Eric Fraske
 2 Relinquished By: Deanna Denny
 2 Received By: Deanna Denny
 3 Relinquished By: Eric Fraske
 3 Received By: Eric Fraske

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 381038

Page: 17 of 18

1 Day: X

2 Day:

3 Day:

4 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Address: Long Beach, CA 90807

Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|---------------|---------------|---------------|--------|------------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|------------------------------|
| 1 SS103-0.5 | 8/2/11 | 0804 | Soil | 1x Acetap stevp | None | | | | | | | | Handwritten |
| 2 SS103-1.5 | | 0806 | Soil | | | | | | | | | | |
| 3 SS103-2.5 | | 0806 | Soil | | | | | | | | | | |
| 4 SS44-0.5DUP | | 0958 | Soil | | | | | | | | | | |
| 5 E0BL 0802-1 | | | Soil | 3x 1L Amber 1x Poly | Waste | | | | | | | | |
| 6 E0BL 0802-2 | | | Waste | 3x 1L Amber 1x Poly | Waste | | | | | | | | |
| 7 COMP9 | | | Soil | | None | | | | | | | | |
| 8 COMP10 | | | Soil | | | | | | | | | | |
| 9 COMP11 | | | Soil | | | | | | | | | | |
| 10 COMP12 | | | Soil | | | | | | | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

ERIC FRASKE

ACTA

08/16/11 1458

1 Received By:

[Signature]

Dennis Dossing

ENTHALPHY

8/2/11 1458

2 Relinquished By:

[Signature]

Dennis Dossing

ENTHALPHY

8/2/11 1634

2 Received By:

[Signature]

Tony D

ENTHALPHY

8/2/11 1635

3 Relinquished By:

[Signature]

3 Received By:

[Signature]

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No:

Page:

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Standard:

4 Day:

3 Day:

Matrix:

A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

2 Day:

1 Day:

Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenvironment.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Phone: 562-544-3910

Global ID: Los Angeles, CA

Fax: 562-495-5877

Sampled By:

Sample ID

Sampling Date

Sampling Time

Matrix

Container No. / Size

Pres.

Arsenic (USEPA 6020)

Lead (USEPA 6010B)

OCP (8081A)

VOCs+oxys (USEPA 8260B/5035)

TPH-g (USEPA 8015M/5035)

TPH-d/o (USEPA 8015M)

PCBs (EPA Method 8082)

Composite SS43-o, SD8, SS44-6504
 SS45-o, SD9, SS46-05900

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|---|
| 1 | 8/21/16 | | Soil | | None | | | X | | | | | Composite SS43-o, SD8, SS44-6504 SS45-o, SD9, SS46-05900 |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

ERIC FRASKE

ALTA

08/02/16 1450

1 Received By:

[Signature]

Dennis Dunning

SoCal Analytical

8/21/16 1458

2 Relinquished By:

[Signature]

Dennis Dunning

SoCal Analytical

8/21/16 1631

2 Received By:

[Signature]

Tommy D

Enthalpy

8/21/16 1035

3 Relinquished By:

[Signature]

3 Received By:

[Signature]



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Alta Environmental Project: Jefferson High School
 Date Received: 08/02/16 Sampler's Signature Present: Yes No
 Sample(s) received in a cooler? Yes How many? 3 No (skip section 2) Sample Temp (°C): _____
 Sample Temp (°C) from each cooler: #1: 15.1 #2: 10.9 #3: 12.1 #4: _____
(Acceptance range is 0 to 5°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: -2.1 #2: -2.2 #3: -1.9 #4: _____

| Section 3 | YES | NO | N/A |
|--|-----|------------|-----|
| Was a COC received? | X | | |
| Were IDs present? | X | | |
| Were sampling dates & times present? | X | | |
| Was a signature present? | X | | |
| Were tests clearly indicated? | X | | |
| Were custody seals present? | X | <u>yes</u> | |
| If Yes – were they intact? | X | | |
| Were all samples sealed in plastic bags? | X | | |
| Did all samples arrive intact? If no, indicate below. | X | | |
| Did all bottle labels agree with COC? (ID, dates and times) | X | | |
| Were correct containers used for the tests required? | X | | |
| Was a sufficient amount of sample sent for tests indicated? | X | | |
| Was there headspace in VOA vials? | | | X |
| Were the containers labeled with correct preservatives? | X | | |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | X |

*If the answer is no, please inform Fish Bioassay department immediately.

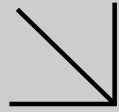
Section 4
 Explanations/Comments: _____

Section 5
 Was the Project Manager notified via email of discrepancies: Yes No N/A
 Was the email sent to: _____
 Project Manager's response: _____

Completed By: [Signature] Date: 08/02/16



Calscience



WORK ORDER NUMBER: 16-08-0151

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Enthalpy Analytical, Inc.

Client Project Name: 381038

Attention: Ranjit Clarke
806 North Batavia
Orange, CA 92868-1242

Approved for release on 08/04/2016 by:
Xuan Dang
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Client Project Name: 381038
 Work Order Number: 16-08-0151

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/02/16. They were assigned to Work Order 16-08-0151.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Calscience

Sample Summary

| | | |
|-----------------------------------|-----------------------|----------------|
| Client: Enthalpy Analytical, Inc. | Work Order: | 16-08-0151 |
| 806 North Batavia | Project Name: | 381038 |
| Orange, CA 92868-1242 | PO Number: | |
| | Date/Time Received: | 08/02/16 18:42 |
| | Number of Containers: | 38 |

Attn: Ranjit Clarke

| Sample Identification | Lab Number | Collection Date and Time | Number of Containers | Matrix |
|---------------------------|---------------|--------------------------|----------------------|---------|
| SS3-0.5 (381038-007) | 16-08-0151-1 | 08/02/16 07:35 | 1 | Solid |
| SS4-0.5 (381038-010) | 16-08-0151-2 | 08/02/16 07:31 | 1 | Solid |
| SS9-0.5 (381038-013) | 16-08-0151-3 | 08/02/16 13:41 | 1 | Solid |
| SS24-0.5 (381038-022) | 16-08-0151-4 | 08/02/16 07:44 | 1 | Solid |
| SS32-0.5 (381038-028) | 16-08-0151-5 | 08/02/16 07:42 | 1 | Solid |
| SS35-0.5 (381038-031) | 16-08-0151-6 | 08/02/16 10:20 | 1 | Solid |
| SS36-0.5 (381038-034) | 16-08-0151-7 | 08/02/16 09:30 | 1 | Solid |
| SS37-0.5 (381038-037) | 16-08-0151-8 | 08/02/16 09:33 | 1 | Solid |
| SS37-0.5 DUP (381038-038) | 16-08-0151-9 | 08/02/16 09:34 | 1 | Solid |
| SS38-0.5 (381038-041) | 16-08-0151-10 | 08/02/16 10:12 | 1 | Solid |
| SS39-0.5 (381038-044) | 16-08-0151-11 | 08/02/16 10:01 | 1 | Solid |
| SS40-0.5 (381038-047) | 16-08-0151-12 | 08/02/16 10:34 | 1 | Solid |
| SS41-0.5 (381038-050) | 16-08-0151-13 | 08/02/16 10:50 | 1 | Solid |
| SS42-0.5 (381038-053) | 16-08-0151-14 | 08/02/16 10:41 | 1 | Solid |
| SS43-0.5 (381038-056) | 16-08-0151-15 | 08/02/16 10:42 | 1 | Solid |
| SS43-0.5 DUP (381038-057) | 16-08-0151-16 | 08/02/16 10:43 | 1 | Solid |
| SS44-0.5 (381038-060) | 16-08-0151-17 | 08/02/16 09:57 | 1 | Solid |
| SS45-0.5 (381038-063) | 16-08-0151-18 | 08/02/16 10:13 | 1 | Solid |
| SS46-0.5 (381038-067) | 16-08-0151-19 | 08/02/16 10:28 | 1 | Solid |
| SS47-0.5 (381038-071) | 16-08-0151-20 | 08/02/16 11:12 | 1 | Solid |
| SS48-0.5 (381038-074) | 16-08-0151-21 | 08/02/16 11:14 | 1 | Solid |
| SS49-0.5 (381038-077) | 16-08-0151-22 | 08/02/16 11:20 | 1 | Solid |
| SS50-0.5 (381038-080) | 16-08-0151-23 | 08/02/16 11:05 | 1 | Solid |
| SS53-0.5 (381038-083) | 16-08-0151-24 | 08/02/16 13:16 | 1 | Solid |
| SS91-0.5 (381038-128) | 16-08-0151-25 | 08/02/16 09:17 | 1 | Solid |
| SS97-0.5 (381038-143) | 16-08-0151-26 | 08/02/16 09:09 | 1 | Solid |
| SS100-0.5 (381038-149) | 16-08-0151-27 | 08/02/16 09:15 | 1 | Solid |
| EQBL0802-1 (381038-162) | 16-08-0151-28 | 08/02/16 00:00 | 3 | Aqueous |
| EQBL0802-2 (381038-163) | 16-08-0151-29 | 08/02/16 00:00 | 3 | Aqueous |
| COMP9 (381038-164) | 16-08-0151-30 | 08/02/16 00:00 | 1 | Solid |
| COMP10 (381038-165) | 16-08-0151-31 | 08/02/16 00:00 | 1 | Solid |
| COMP11 (381038-166) | 16-08-0151-32 | 08/02/16 00:00 | 1 | Solid |
| COMP12 (381038-167) | 16-08-0151-33 | 08/02/16 00:00 | 1 | Solid |
| COMP11 DUP (381038-168) | 16-08-0151-34 | 08/02/16 00:00 | 1 | Solid |


 Return to Contents

Detections Summary

Client: Enthalpy Analytical, Inc.
 806 North Batavia
 Orange, CA 92868-1242

Work Order: 16-08-0151
 Project Name: 381038
 Received: 08/02/16

Attn: Ranjit Clarke

Page 1 of 3

Client SampleID

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|--|--------|------------|------|-------|---------------|------------|
| SS4-0.5 (381038-010) (16-08-0151-2) | | | | | | |
| TPH as Motor Oil | 14 | HD,J | 6.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 4.4 | HD,J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS24-0.5 (381038-022) (16-08-0151-4) | | | | | | |
| Chlordane | 59 | | 50 | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDE | 6.7 | | 5.0 | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDT | 3.0 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |
| SS32-0.5 (381038-028) (16-08-0151-5) | | | | | | |
| TPH as Motor Oil | 23 | HD,J | 5.9* | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 3.8 | HD,J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| Chlordane | 31 | J | 26* | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDT | 3.5 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |
| SS35-0.5 (381038-031) (16-08-0151-6) | | | | | | |
| TPH as Motor Oil | 270 | HD | 130 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 43 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS36-0.5 (381038-034) (16-08-0151-7) | | | | | | |
| TPH as Motor Oil | 1700 | HD | 630 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 180 | HD | 130 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS37-0.5 (381038-037) (16-08-0151-8) | | | | | | |
| TPH as Motor Oil | 61 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 5.1 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS37-0.5 DUP (381038-038) (16-08-0151-9) | | | | | | |
| TPH as Motor Oil | 170 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 10 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS38-0.5 (381038-041) (16-08-0151-10) | | | | | | |
| TPH as Motor Oil | 200 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 18 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| Aroclor-1260 | 32 | J | 30* | ug/kg | EPA 8082 | EPA 3545 |
| SS39-0.5 (381038-044) (16-08-0151-11) | | | | | | |
| TPH as Motor Oil | 530 | HD | 120 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 30 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS40-0.5 (381038-047) (16-08-0151-12) | | | | | | |
| TPH as Motor Oil | 52 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 3.0 | HD,J | 1.2* | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS42-0.5 (381038-053) (16-08-0151-14) | | | | | | |
| TPH as Motor Oil | 17 | HD,J | 6.0* | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 1.6 | HD,J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |

* MDL is shown

Detections Summary

Client: Enthalpy Analytical, Inc.
 806 North Batavia
 Orange, CA 92868-1242

Work Order: 16-08-0151
 Project Name: 381038
 Received: 08/02/16

Attn: Ranjit Clarke

Page 2 of 3

Client SampleID

| Analyte | Result | Qualifiers | RL | Units | Method | Extraction |
|---|--------|------------|------|-------|---------------|------------|
| SS43-0.5 (381038-056) (16-08-0151-15) | | | | | | |
| TPH as Motor Oil | 89 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 12 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS43-0.5 DUP (381038-057) (16-08-0151-16) | | | | | | |
| TPH as Motor Oil | 87 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 13 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS44-0.5 (381038-060) (16-08-0151-17) | | | | | | |
| TPH as Motor Oil | 1200 | HD | 250 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 91 | HD | 50 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS45-0.5 (381038-063) (16-08-0151-18) | | | | | | |
| TPH as Motor Oil | 170 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 19 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS46-0.5 (381038-067) (16-08-0151-19) | | | | | | |
| TPH as Motor Oil | 30 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS47-0.5 (381038-071) (16-08-0151-20) | | | | | | |
| TPH as Motor Oil | 570 | HD | 120 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 43 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS48-0.5 (381038-074) (16-08-0151-21) | | | | | | |
| TPH as Motor Oil | 150 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 9.6 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS49-0.5 (381038-077) (16-08-0151-22) | | | | | | |
| TPH as Motor Oil | 260 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 29 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS50-0.5 (381038-080) (16-08-0151-23) | | | | | | |
| TPH as Motor Oil | 120 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 93 | HD | 5.0 | mg/kg | EPA 8015B (M) | EPA 3550B |
| SS53-0.5 (381038-083) (16-08-0151-24) | | | | | | |
| Chlordane | 30 | J | 26* | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDT | 3.8 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |
| SS100-0.5 (381038-149) (16-08-0151-27) | | | | | | |
| TPH as Motor Oil | 36 | HD | 25 | mg/kg | EPA 8015B (M) | EPA 3550B |
| TPH as Diesel | 4.5 | HD,J | 1.3* | mg/kg | EPA 8015B (M) | EPA 3550B |
| EQBL0802-2 (381038-163) (16-08-0151-29) | | | | | | |
| TPH as Diesel | 12 | HD,J | 8.0* | ug/L | EPA 8015B (M) | EPA 3510C |
| COMP9 (381038-164) (16-08-0151-30) | | | | | | |
| 4,4'-DDD | 3.7 | J | 2.4* | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDE | 3.0 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |
| 4,4'-DDT | 2.8 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |

* MDL is shown

Detections Summary

Client: Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Work Order: 16-08-0151
Project Name: 381038
Received: 08/02/16

Attn: Ranjit Clarke

Page 3 of 3

Client SampleID

| <u>Analyte</u> | <u>Result</u> | <u>Qualifiers</u> | <u>RL</u> | <u>Units</u> | <u>Method</u> | <u>Extraction</u> |
|---|---------------|-------------------|-----------|--------------|---------------|-------------------|
| COMP10 (381038-165) (16-08-0151-31) 4,4'-DDT | 2.2 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |
| COMP11 (381038-166) (16-08-0151-32) 4,4'-DDD | 2.8 | J | 2.3* | ug/kg | EPA 8081A | EPA 3545 |
| COMP12 (381038-167) (16-08-0151-33) 4,4'-DDT | 2.2 | J | 2.2* | ug/kg | EPA 8081A | EPA 3545 |

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 381038

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-1 (381038-162) | 16-08-0151-28-A | 08/02/16 00:00 | Aqueous | GC 45 | 08/03/16 | 08/03/16 17:17 | 160803B06 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | ND | 250 | 53 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 101 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-2 (381038-163) | 16-08-0151-29-A | 08/02/16 00:00 | Aqueous | GC 45 | 08/03/16 | 08/03/16 17:33 | 160803B06 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | ND | 250 | 53 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 111 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-15-278-1257 | N/A | Aqueous | GC 45 | 08/03/16 | 08/03/16 15:52 | 160803B06 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | ND | 250 | 53 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 68 | 68-140 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-1 (381038-162) | 16-08-0151-28-A | 08/02/16 00:00 | Aqueous | GC 45 | 08/03/16 | 08/03/16 17:17 | 160803B05 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|----|-----|------|------------|
| TPH as Diesel | ND | 50 | 8.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 101 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-2 (381038-163) | 16-08-0151-29-A | 08/02/16 00:00 | Aqueous | GC 45 | 08/03/16 | 08/03/16 17:33 | 160803B05 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|----|-----|------|------------|
| TPH as Diesel | 12 | 50 | 8.0 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 111 | 68-140 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-15-304-1477 | N/A | Aqueous | GC 45 | 08/03/16 | 08/03/16 15:52 | 160803B05 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|----|-----|------|------------|
| TPH as Diesel | ND | 50 | 8.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 68 | 68-140 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-----------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS4-0.5 (381038-010) | 16-08-0151-2-A | 08/02/16 07:31 | Solid | GC 47 | 08/03/16 | 08/03/16 15:54 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 14 | 25 | 6.0 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 92 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS32-0.5 (381038-028) | 16-08-0151-5-A | 08/02/16 07:42 | Solid | GC 47 | 08/03/16 | 08/04/16 11:51 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 23 | 25 | 5.9 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 91 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS35-0.5 (381038-031) | 16-08-0151-6-A | 08/02/16 10:20 | Solid | GC 47 | 08/03/16 | 08/03/16 16:29 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | 270 | 130 | 30 | 5.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 85 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS36-0.5 (381038-034) | 16-08-0151-7-A | 08/02/16 09:30 | Solid | GC 47 | 08/03/16 | 08/03/16 16:46 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | 1700 | 630 | 150 | 25.0 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 111 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 (381038-037) | 16-08-0151-8-A | 08/02/16 09:33 | Solid | GC 47 | 08/03/16 | 08/03/16 17:04 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 61 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 92 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 DUP (381038-038) | 16-08-0151-9-A | 08/02/16 09:34 | Solid | GC 47 | 08/03/16 | 08/03/16 17:21 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 170 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 89 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS38-0.5 (381038-041) | 16-08-0151-10-A | 08/02/16 10:12 | Solid | GC 47 | 08/03/16 | 08/03/16 17:39 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 200 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 108 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS39-0.5 (381038-044) | 16-08-0151-11-A | 08/02/16 10:01 | Solid | GC 47 | 08/03/16 | 08/03/16 18:13 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | 530 | 120 | 30 | 5.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 103 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS40-0.5 (381038-047) | 16-08-0151-12-A | 08/02/16 10:34 | Solid | GC 47 | 08/03/16 | 08/03/16 18:30 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 52 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 91 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS41-0.5 (381038-050) | 16-08-0151-13-A | 08/02/16 10:50 | Solid | GC 47 | 08/03/16 | 08/03/16 18:48 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | ND | 25 | 6.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 65 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS42-0.5 (381038-053) | 16-08-0151-14-A | 08/02/16 10:41 | Solid | GC 47 | 08/03/16 | 08/03/16 19:39 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 17 | 25 | 6.0 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 93 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 (381038-056) | 16-08-0151-15-A | 08/02/16 10:42 | Solid | GC 47 | 08/03/16 | 08/03/16 19:56 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 89 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 96 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

Page 4 of 6

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 DUP (381038-057) | 16-08-0151-16-A | 08/02/16 10:43 | Solid | GC 47 | 08/03/16 | 08/03/16 20:14 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 87 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 96 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS44-0.5 (381038-060) | 16-08-0151-17-A | 08/02/16 09:57 | Solid | GC 47 | 08/03/16 | 08/03/16 20:31 | 160803B04 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | 1200 | 250 | 59 | 10.0 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 121 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS45-0.5 (381038-063) | 16-08-0151-18-A | 08/02/16 10:13 | Solid | GC 47 | 08/03/16 | 08/03/16 20:48 | 160803B04 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 170 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 94 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS46-0.5 (381038-067) | 16-08-0151-19-A | 08/02/16 10:28 | Solid | GC 47 | 08/03/16 | 08/03/16 21:05 | 160803B04 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 30 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 104 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS47-0.5 (381038-071) | 16-08-0151-20-A | 08/02/16 11:12 | Solid | GC 47 | 08/03/16 | 08/03/16 21:22 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|-----|-----|------|------------|
| TPH as Motor Oil | 570 | 120 | 30 | 5.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 98 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS48-0.5 (381038-074) | 16-08-0151-21-A | 08/02/16 11:14 | Solid | GC 47 | 08/03/16 | 08/03/16 21:39 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 150 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 99 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS49-0.5 (381038-077) | 16-08-0151-22-A | 08/02/16 11:20 | Solid | GC 47 | 08/03/16 | 08/03/16 21:57 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 260 | 25 | 5.9 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 93 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS50-0.5 (381038-080) | 16-08-0151-23-A | 08/02/16 11:05 | Solid | GC 47 | 08/03/16 | 08/03/16 22:14 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 120 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 114 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS97-0.5 (381038-143) | 16-08-0151-26-A | 08/02/16 09:09 | Solid | GC 48 | 08/03/16 | 08/03/16 16:16 | 160803B02 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | ND | 25 | 5.9 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 87 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS100-0.5 (381038-149) | 16-08-0151-27-A | 08/02/16 09:15 | Solid | GC 48 | 08/03/16 | 08/03/16 16:31 | 160803B02 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | 36 | 25 | 6.0 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 77 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-15-420-1920 | N/A | Solid | GC 48 | 08/03/16 | 08/03/16 12:24 | 160803B02 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | ND | 25 | 6.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 73 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-15-420-1921 | N/A | Solid | GC 47 | 08/01/16 | 08/03/16 13:53 | 160803B04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------|--------|----|-----|------|------------|
| TPH as Motor Oil | ND | 25 | 6.0 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 94 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-----------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS4-0.5 (381038-010) | 16-08-0151-2-A | 08/02/16 07:31 | Solid | GC 47 | 08/03/16 | 08/03/16 15:54 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 4.4 | 5.0 | 1.3 | 1.00 | HD,J |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 92 | 61-145 | |

| | | | | | | | |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS32-0.5 (381038-028) | 16-08-0151-5-A | 08/02/16 07:42 | Solid | GC 47 | 08/03/16 | 08/04/16 11:51 | 160803B03 |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 3.8 | 5.0 | 1.2 | 1.00 | HD,J |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 91 | 61-145 | |

| | | | | | | | |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS35-0.5 (381038-031) | 16-08-0151-6-A | 08/02/16 10:20 | Solid | GC 47 | 08/03/16 | 08/03/16 16:29 | 160803B03 |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 43 | 25 | 6.3 | 5.00 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 85 | 61-145 | |

| | | | | | | | |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS36-0.5 (381038-034) | 16-08-0151-7-A | 08/02/16 09:30 | Solid | GC 47 | 08/03/16 | 08/03/16 16:46 | 160803B03 |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 180 | 130 | 31 | 25.0 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 111 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 (381038-037) | 16-08-0151-8-A | 08/02/16 09:33 | Solid | GC 47 | 08/03/16 | 08/03/16 17:04 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 5.1 | 5.0 | 1.2 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 92 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 DUP (381038-038) | 16-08-0151-9-A | 08/02/16 09:34 | Solid | GC 47 | 08/03/16 | 08/03/16 17:21 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 10 | 5.0 | 1.3 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 89 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS38-0.5 (381038-041) | 16-08-0151-10-A | 08/02/16 10:12 | Solid | GC 47 | 08/03/16 | 08/03/16 17:39 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 18 | 5.0 | 1.2 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 108 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS39-0.5 (381038-044) | 16-08-0151-11-A | 08/02/16 10:01 | Solid | GC 47 | 08/03/16 | 08/03/16 18:13 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|----|-----|------|------------|
| TPH as Diesel | 30 | 25 | 6.2 | 5.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 103 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS40-0.5 (381038-047) | 16-08-0151-12-A | 08/02/16 10:34 | Solid | GC 47 | 08/03/16 | 08/03/16 18:30 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 3.0 | 5.0 | 1.2 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 91 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS41-0.5 (381038-050) | 16-08-0151-13-A | 08/02/16 10:50 | Solid | GC 47 | 08/03/16 | 08/03/16 18:48 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 65 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS42-0.5 (381038-053) | 16-08-0151-14-A | 08/02/16 10:41 | Solid | GC 47 | 08/03/16 | 08/03/16 19:39 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 1.6 | 5.0 | 1.3 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 93 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 (381038-056) | 16-08-0151-15-A | 08/02/16 10:42 | Solid | GC 47 | 08/03/16 | 08/03/16 19:56 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 12 | 5.0 | 1.3 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 96 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 DUP (381038-057) | 16-08-0151-16-A | 08/02/16 10:43 | Solid | GC 47 | 08/03/16 | 08/03/16 20:14 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 13 | 5.0 | 1.3 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 96 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS44-0.5 (381038-060) | 16-08-0151-17-A | 08/02/16 09:57 | Solid | GC 47 | 08/03/16 | 08/03/16 20:31 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|----|-----|------|------------|
| TPH as Diesel | 91 | 50 | 12 | 10.0 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 121 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS45-0.5 (381038-063) | 16-08-0151-18-A | 08/02/16 10:13 | Solid | GC 47 | 08/03/16 | 08/03/16 20:48 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 19 | 5.0 | 1.2 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 94 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS46-0.5 (381038-067) | 16-08-0151-19-A | 08/02/16 10:28 | Solid | GC 47 | 08/03/16 | 08/03/16 21:05 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | ND | 5.0 | 1.3 | 1.00 | HD |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 104 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

Page 5 of 6

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS47-0.5 (381038-071) | 16-08-0151-20-A | 08/02/16 11:12 | Solid | GC 47 | 08/03/16 | 08/03/16 21:22 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 43 | 25 | 6.3 | 5.00 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 98 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS48-0.5 (381038-074) | 16-08-0151-21-A | 08/02/16 11:14 | Solid | GC 47 | 08/03/16 | 08/03/16 21:39 | 160803B03 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 9.6 | 5.0 | 1.2 | 1.00 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 99 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS49-0.5 (381038-077) | 16-08-0151-22-A | 08/02/16 11:20 | Solid | GC 47 | 08/03/16 | 08/03/16 21:57 | 160803B03 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 29 | 5.0 | 1.2 | 1.00 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 93 | 61-145 | |

| | | | | | | | |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS50-0.5 (381038-080) | 16-08-0151-23-A | 08/02/16 11:05 | Solid | GC 47 | 08/03/16 | 08/03/16 22:14 | 160803B03 |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| TPH as Diesel | 93 | 5.0 | 1.3 | 1.00 | HD |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------|-----------------|-----------------------|-------------------|
| n-Octacosane | 114 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS97-0.5 (381038-143) | 16-08-0151-26-A | 08/02/16 09:09 | Solid | GC 48 | 08/03/16 | 08/03/16 16:16 | 160803B01 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | ND | 5.0 | 1.2 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 87 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS100-0.5 (381038-149) | 16-08-0151-27-A | 08/02/16 09:15 | Solid | GC 48 | 08/03/16 | 08/03/16 16:31 | 160803B01 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | 4.5 | 5.0 | 1.3 | 1.00 | HD,J |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 77 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-15-422-2577 | N/A | Solid | GC 48 | 08/03/16 | 08/03/16 12:24 | 160803B01 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 73 | 61-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-15-422-2578 | N/A | Solid | GC 47 | 08/03/16 | 08/03/16 13:53 | 160803B03 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|---------------|--------|-----|-----|------|------------|
| TPH as Diesel | ND | 5.0 | 1.3 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|--------------|----------|----------------|------------|
| n-Octacosane | 94 | 61-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS3-0.5 (381038-007) | 16-08-0151-1-A | 08/02/16 07:35 | Solid | GC 44 | 08/03/16 | 08/03/16 15:08 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------------------|----------|----------------|------------|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | | |
| Decachlorobiphenyl | 117 | 24-168 | | | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS4-0.5 (381038-010) | 16-08-0151-2-A | 08/02/16 07:31 | Solid | GC 44 | 08/03/16 | 08/03/16 15:23 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------------------|----------|----------------|------------|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | | |
| Decachlorobiphenyl | 116 | 24-168 | | | |
| 2,4,5,6-Tetrachloro-m-Xylene | 107 | 25-145 | | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS9-0.5 (381038-013) | 16-08-0151-3-A | 08/02/16 13:41 | Solid | GC 44 | 08/03/16 | 08/03/16 15:37 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------------------|----------|----------------|------------|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | | |
| Decachlorobiphenyl | 97 | 24-168 | | | |
| 2,4,5,6-Tetrachloro-m-Xylene | 98 | 25-145 | | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS24-0.5 (381038-022) | 16-08-0151-4-A | 08/02/16 07:44 | Solid | GC 44 | 08/03/16 | 08/03/16 15:51 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|--------------------|---------------|-----------|------------|-----------|-------------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | 59 | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | 6.7 | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | 3.0 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 112 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 101 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS32-0.5 (381038-028) | 16-08-0151-5-A | 08/02/16 07:42 | Solid | GC 44 | 08/03/16 | 08/03/16 16:05 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|--------------------|---------------|-----------|------------|-----------|-------------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | 31 | 50 | 26 | 1.00 | J |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | 3.5 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 110 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 103 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS53-0.5 (381038-083) | 16-08-0151-24-A | 08/02/16 13:16 | Solid | GC 44 | 08/03/16 | 08/03/16 16:20 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-----|-----|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | 30 | 50 | 26 | 1.00 | J |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | 3.8 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 115 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS91-0.5 (381038-128) | 16-08-0151-25-A | 08/02/16 09:17 | Solid | GC 44 | 08/03/16 | 08/03/16 16:34 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|--------------------|---------------|-----------|------------|-----------|-------------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 116 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS97-0.5 (381038-143) | 16-08-0151-26-A | 08/02/16 09:09 | Solid | GC 44 | 08/03/16 | 08/03/16 18:41 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------------------|----------|----------------|------------|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | | |
| Decachlorobiphenyl | 109 | 24-168 | | | |
| 2,4,5,6-Tetrachloro-m-Xylene | 100 | 25-145 | | | |

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| SS100-0.5 (381038-149) | 16-08-0151-27-A | 08/02/16 09:15 | Solid | GC 44 | 08/03/16 | 08/03/16 18:55 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-----|-----|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 74 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| COMP9 (381038-164) | 16-08-0151-30-A | 08/02/16 00:00 | Solid | GC 44 | 08/03/16 | 08/03/16 19:10 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-----|-----|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | 3.7 | 5.0 | 2.4 | 1.00 | J |
| 4,4'-DDE | 3.0 | 5.0 | 2.2 | 1.00 | J |
| 4,4'-DDT | 2.8 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 97 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 116 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| COMP10 (381038-165) | 16-08-0151-31-A | 08/02/16 00:00 | Solid | GC 44 | 08/03/16 | 08/04/16 11:10 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|------------------------------|----------|----------------|------------|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | 2.2 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |
| Surrogate | Rec. (%) | Control Limits | Qualifiers | | |
| Decachlorobiphenyl | 64 | 24-168 | | | |
| 2,4,5,6-Tetrachloro-m-Xylene | 63 | 25-145 | | | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| COMP11 (381038-166) | 16-08-0151-32-A | 08/02/16 00:00 | Solid | GC 44 | 08/03/16 | 08/03/16 19:24 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-----|-----|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 9.9 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | 2.8 | 5.0 | 2.3 | 1.00 | J |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 9.9 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.1 | 1.00 | |
| Heptachlor Epoxide | ND | 9.9 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 99 | 44 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 102 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 110 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| COMP12 (381038-167) | 16-08-0151-33-A | 08/02/16 00:00 | Solid | GC 44 | 08/03/16 | 08/03/16 19:38 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|--------------------|---------------|-----------|------------|-----------|-------------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | 2.2 | 5.0 | 2.2 | 1.00 | J |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 108 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 116 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|--------|------------|---------------|--------------------|-------------|
| COMP11 DUP (381038-168) | 16-08-0151-34-A | 08/02/16 00:00 | Solid | GC 44 | 08/03/16 | 08/03/16 19:52 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-----|-----|------|------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.3 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.3 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 99 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 109 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-12-537-2489 | N/A | Solid | GC 44 | 08/03/16 | 08/03/16 14:54 | 160803L07 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|--------------------|---------------|-----------|------------|-----------|-------------------|
| Aldrin | ND | 5.0 | 2.2 | 1.00 | |
| Alpha-BHC | ND | 10 | 3.7 | 1.00 | |
| Beta-BHC | ND | 5.0 | 2.5 | 1.00 | |
| Chlordane | ND | 50 | 26 | 1.00 | |
| 4,4'-DDD | ND | 5.0 | 2.4 | 1.00 | |
| 4,4'-DDE | ND | 5.0 | 2.2 | 1.00 | |
| 4,4'-DDT | ND | 5.0 | 2.2 | 1.00 | |
| Delta-BHC | ND | 10 | 4.4 | 1.00 | |
| Dieldrin | ND | 5.0 | 2.2 | 1.00 | |
| Endosulfan I | ND | 5.0 | 2.0 | 1.00 | |
| Endosulfan II | ND | 5.0 | 2.4 | 1.00 | |
| Endosulfan Sulfate | ND | 5.0 | 2.6 | 1.00 | |
| Endrin | ND | 5.0 | 2.4 | 1.00 | |
| Endrin Aldehyde | ND | 5.0 | 3.0 | 1.00 | |
| Endrin Ketone | ND | 5.0 | 2.5 | 1.00 | |
| Gamma-BHC | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor | ND | 5.0 | 2.2 | 1.00 | |
| Heptachlor Epoxide | ND | 10 | 3.7 | 1.00 | |
| Methoxychlor | ND | 5.0 | 2.7 | 1.00 | |
| Toxaphene | ND | 100 | 45 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 128 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8081A
Units: ug/L

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-1 (381038-162) | 16-08-0151-28-C | 08/02/16 00:00 | Aqueous | GC 41 | 08/03/16 | 08/03/16 16:36 | 160803L04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-------|-------|------|------------|
| Alpha-BHC | ND | 0.095 | 0.027 | 1.00 | |
| Gamma-BHC | ND | 0.095 | 0.029 | 1.00 | |
| Beta-BHC | ND | 0.095 | 0.029 | 1.00 | |
| Heptachlor | ND | 0.095 | 0.025 | 1.00 | |
| Delta-BHC | ND | 0.095 | 0.027 | 1.00 | |
| Aldrin | ND | 0.095 | 0.025 | 1.00 | |
| Heptachlor Epoxide | ND | 0.095 | 0.024 | 1.00 | |
| Endosulfan I | ND | 0.095 | 0.026 | 1.00 | |
| Dieldrin | ND | 0.095 | 0.027 | 1.00 | |
| 4,4'-DDE | ND | 0.095 | 0.025 | 1.00 | |
| Endrin | ND | 0.095 | 0.029 | 1.00 | |
| Endrin Aldehyde | ND | 0.095 | 0.025 | 1.00 | |
| 4,4'-DDD | ND | 0.095 | 0.026 | 1.00 | |
| Endosulfan II | ND | 0.095 | 0.026 | 1.00 | |
| 4,4'-DDT | ND | 0.095 | 0.025 | 1.00 | |
| Endosulfan Sulfate | ND | 0.095 | 0.028 | 1.00 | |
| Methoxychlor | ND | 0.095 | 0.024 | 1.00 | |
| Chlordane | ND | 0.95 | 0.31 | 1.00 | |
| Toxaphene | ND | 1.9 | 0.56 | 1.00 | |
| Endrin Ketone | ND | 0.095 | 0.023 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 92 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 105 | 50-135 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8081A
Units: ug/L

Project: 381038

Page 2 of 3

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-2 (381038-163) | 16-08-0151-29-C | 08/02/16 00:00 | Aqueous | GC 41 | 08/03/16 | 08/03/16 16:51 | 160803L04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|-------|-------|------|------------|
| Alpha-BHC | ND | 0.095 | 0.027 | 1.00 | |
| Gamma-BHC | ND | 0.095 | 0.029 | 1.00 | |
| Beta-BHC | ND | 0.095 | 0.029 | 1.00 | |
| Heptachlor | ND | 0.095 | 0.025 | 1.00 | |
| Delta-BHC | ND | 0.095 | 0.027 | 1.00 | |
| Aldrin | ND | 0.095 | 0.025 | 1.00 | |
| Heptachlor Epoxide | ND | 0.095 | 0.024 | 1.00 | |
| Endosulfan I | ND | 0.095 | 0.026 | 1.00 | |
| Dieldrin | ND | 0.095 | 0.027 | 1.00 | |
| 4,4'-DDE | ND | 0.095 | 0.025 | 1.00 | |
| Endrin | ND | 0.095 | 0.029 | 1.00 | |
| Endrin Aldehyde | ND | 0.095 | 0.025 | 1.00 | |
| 4,4'-DDD | ND | 0.095 | 0.026 | 1.00 | |
| Endosulfan II | ND | 0.095 | 0.026 | 1.00 | |
| 4,4'-DDT | ND | 0.095 | 0.025 | 1.00 | |
| Endosulfan Sulfate | ND | 0.095 | 0.028 | 1.00 | |
| Methoxychlor | ND | 0.095 | 0.024 | 1.00 | |
| Chlordane | ND | 0.95 | 0.31 | 1.00 | |
| Toxaphene | ND | 1.9 | 0.56 | 1.00 | |
| Endrin Ketone | ND | 0.095 | 0.023 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 91 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 120 | 50-135 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8081A
Units: ug/L

Project: 381038

Page 3 of 3

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank | 099-12-529-895 | N/A | Aqueous | GC 41 | 08/03/16 | 08/03/16 16:21 | 160803L04 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------------|--------|------|-------|------|------------|
| Alpha-BHC | ND | 0.10 | 0.028 | 1.00 | |
| Gamma-BHC | ND | 0.10 | 0.030 | 1.00 | |
| Beta-BHC | ND | 0.10 | 0.030 | 1.00 | |
| Heptachlor | ND | 0.10 | 0.026 | 1.00 | |
| Delta-BHC | ND | 0.10 | 0.029 | 1.00 | |
| Aldrin | ND | 0.10 | 0.027 | 1.00 | |
| Heptachlor Epoxide | ND | 0.10 | 0.025 | 1.00 | |
| Endosulfan I | ND | 0.10 | 0.028 | 1.00 | |
| Dieldrin | ND | 0.10 | 0.029 | 1.00 | |
| 4,4'-DDE | ND | 0.10 | 0.027 | 1.00 | |
| Endrin | ND | 0.10 | 0.031 | 1.00 | |
| Endrin Aldehyde | ND | 0.10 | 0.026 | 1.00 | |
| 4,4'-DDD | ND | 0.10 | 0.027 | 1.00 | |
| Endosulfan II | ND | 0.10 | 0.027 | 1.00 | |
| 4,4'-DDT | ND | 0.10 | 0.027 | 1.00 | |
| Endosulfan Sulfate | ND | 0.10 | 0.029 | 1.00 | |
| Methoxychlor | ND | 0.10 | 0.025 | 1.00 | |
| Chlordane | ND | 1.0 | 0.33 | 1.00 | |
| Toxaphene | ND | 2.0 | 0.59 | 1.00 | |
| Endrin Ketone | ND | 0.10 | 0.024 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 89 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 50-135 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-----------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS4-0.5 (381038-010) | 16-08-0151-2-A | 08/02/16 07:31 | Solid | GC 66 | 08/03/16 | 08/04/16 01:40 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 98 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 102 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS32-0.5 (381038-028) | 16-08-0151-5-A | 08/02/16 07:42 | Solid | GC 66 | 08/03/16 | 08/04/16 01:58 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 93 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS35-0.5 (381038-031) | 16-08-0151-6-A | 08/02/16 10:20 | Solid | GC 66 | 08/03/16 | 08/04/16 02:16 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 51 | 21 | 1.00 | |
| Aroclor-1221 | ND | 51 | 43 | 1.00 | |
| Aroclor-1232 | ND | 51 | 25 | 1.00 | |
| Aroclor-1242 | ND | 51 | 38 | 1.00 | |
| Aroclor-1248 | ND | 51 | 32 | 1.00 | |
| Aroclor-1254 | ND | 51 | 32 | 1.00 | |
| Aroclor-1260 | ND | 51 | 31 | 1.00 | |
| Aroclor-1262 | ND | 51 | 35 | 1.00 | |
| Aroclor-1268 | ND | 51 | 34 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 96 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| SS36-0.5 (381038-034) | 16-08-0151-7-A | 08/02/16 09:30 | Solid | GC 66 | 08/03/16 | 08/04/16 02:34 | 160803L08 |
|-----------------------|----------------|-------------------|-------|-------|----------|-------------------|-----------|
|-----------------------|----------------|-------------------|-------|-------|----------|-------------------|-----------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 99 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 (381038-037) | 16-08-0151-8-A | 08/02/16 09:33 | Solid | GC 66 | 08/03/16 | 08/04/16 02:52 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 86 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 85 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|-----------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS37-0.5 DUP (381038-038) | 16-08-0151-9-A | 08/02/16 09:34 | Solid | GC 66 | 08/03/16 | 08/04/16 03:10 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 92 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS38-0.5 (381038-041) | 16-08-0151-10-A | 08/02/16 10:12 | Solid | GC 66 | 08/03/16 | 08/04/16 03:28 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | 32 | 50 | 30 | 1.00 | J |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 53 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 57 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS39-0.5 (381038-044) | 16-08-0151-11-A | 08/02/16 10:01 | Solid | GC 66 | 08/03/16 | 08/04/16 15:15 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 30 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 26 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS40-0.5 (381038-047) | 16-08-0151-12-A | 08/02/16 10:34 | Solid | GC 66 | 08/03/16 | 08/04/16 09:43 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 94 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 89 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS41-0.5 (381038-050) | 16-08-0151-13-A | 08/02/16 10:50 | Solid | GC 66 | 08/03/16 | 08/04/16 10:01 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 91 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 64 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS42-0.5 (381038-053) | 16-08-0151-14-A | 08/02/16 10:41 | Solid | GC 66 | 08/03/16 | 08/04/16 10:19 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 51 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 44 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 (381038-056) | 16-08-0151-15-A | 08/02/16 10:42 | Solid | GC 66 | 08/03/16 | 08/04/16 10:37 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 43 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 31 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 34 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 93 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

Page 7 of 12

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS43-0.5 DUP (381038-057) | 16-08-0151-16-A | 08/02/16 10:43 | Solid | GC 66 | 08/03/16 | 08/04/16 10:55 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 76 | 25-145 | |

| SS44-0.5 (381038-060) | 16-08-0151-17-A | 08/02/16 09:57 | Solid | GC 66 | 08/03/16 | 08/04/16 11:12 | 160803L08 |
|-----------------------|-----------------|-------------------|-------|-------|----------|-------------------|-----------|
|-----------------------|-----------------|-------------------|-------|-------|----------|-------------------|-----------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 90 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 94 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS45-0.5 (381038-063) | 16-08-0151-18-A | 08/02/16 10:13 | Solid | GC 66 | 08/03/16 | 08/04/16 11:30 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 74 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS46-0.5 (381038-067) | 16-08-0151-19-A | 08/02/16 10:28 | Solid | GC 66 | 08/03/16 | 08/04/16 11:48 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 92 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS47-0.5 (381038-071) | 16-08-0151-20-A | 08/02/16 11:12 | Solid | GC 66 | 08/03/16 | 08/04/16 12:06 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 83 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS48-0.5 (381038-074) | 16-08-0151-21-A | 08/02/16 11:14 | Solid | GC 66 | 08/03/16 | 08/04/16 12:24 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 80 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 75 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS49-0.5 (381038-077) | 16-08-0151-22-A | 08/02/16 11:20 | Solid | GC 66 | 08/03/16 | 08/04/16 12:42 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 83 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS50-0.5 (381038-080) | 16-08-0151-23-A | 08/02/16 11:05 | Solid | GC 66 | 08/03/16 | 08/04/16 13:00 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 87 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 72 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS97-0.5 (381038-143) | 16-08-0151-26-A | 08/02/16 09:09 | Solid | GC 66 | 08/03/16 | 08/04/16 13:18 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 95 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 77 | 25-145 | |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------------|------------------------|---------------------------|--------------|--------------|-----------------|---------------------------|------------------|
| SS100-0.5 (381038-149) | 16-08-0151-27-A | 08/02/16 09:15 | Solid | GC 66 | 08/03/16 | 08/04/16 13:36 | 160803L09 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|----|-----|------|------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 64 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 58 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|--------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-12-535-3852 | N/A | Solid | GC 66 | 08/03/16 | 08/03/16 23:35 | 160803L08 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 76 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 88 | 25-145 | |

| Method Blank | 099-12-535-3853 | N/A | Solid | GC 66 | 08/03/16 | 08/04/16 00:47 | 160803L09 |
|--------------|-----------------|-----|-------|-------|----------|-------------------|-----------|
|--------------|-----------------|-----|-------|-------|----------|-------------------|-----------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 50 | 21 | 1.00 | |
| Aroclor-1221 | ND | 50 | 42 | 1.00 | |
| Aroclor-1232 | ND | 50 | 25 | 1.00 | |
| Aroclor-1242 | ND | 50 | 37 | 1.00 | |
| Aroclor-1248 | ND | 50 | 32 | 1.00 | |
| Aroclor-1254 | ND | 50 | 32 | 1.00 | |
| Aroclor-1260 | ND | 50 | 30 | 1.00 | |
| Aroclor-1262 | ND | 50 | 35 | 1.00 | |
| Aroclor-1268 | ND | 50 | 33 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 89 | 24-168 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 95 | 25-145 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|-------------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| EQBL0802-1 (381038-162) | 16-08-0151-28-C | 08/02/16 00:00 | Aqueous | GC 66 | 08/03/16 | 08/03/16 22:42 | 160803L05 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|------|------|------|------------|
| Aroclor-1016 | ND | 0.95 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.95 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.95 | 0.24 | 1.00 | |
| Aroclor-1242 | ND | 0.95 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.95 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.95 | 0.21 | 1.00 | |
| Aroclor-1260 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.95 | 0.20 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 76 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 82 | 50-135 | |

| EQBL0802-2 (381038-163) | 16-08-0151-29-C | 08/02/16 00:00 | Aqueous | GC 66 | 08/03/16 | 08/03/16 23:00 | 160803L05 |
|-------------------------|-----------------|-------------------|---------|-------|----------|-------------------|-----------|
|-------------------------|-----------------|-------------------|---------|-------|----------|-------------------|-----------|

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| Parameter | Result | RL | MDL | DF | Qualifiers |
|--------------|--------|------|------|------|------------|
| Aroclor-1016 | ND | 0.95 | 0.28 | 1.00 | |
| Aroclor-1221 | ND | 0.95 | 0.27 | 1.00 | |
| Aroclor-1232 | ND | 0.95 | 0.24 | 1.00 | |
| Aroclor-1242 | ND | 0.95 | 0.17 | 1.00 | |
| Aroclor-1248 | ND | 0.95 | 0.19 | 1.00 | |
| Aroclor-1254 | ND | 0.95 | 0.21 | 1.00 | |
| Aroclor-1260 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1262 | ND | 0.95 | 0.25 | 1.00 | |
| Aroclor-1268 | ND | 0.95 | 0.20 | 1.00 | |

| Surrogate | Rec. (%) | Control Limits | Qualifiers |
|------------------------------|----------|----------------|------------|
| Decachlorobiphenyl | 73 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 80 | 50-135 | |

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Analytical Report

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: 381038

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| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|------------------------|---------------------|----------------|--------------|-----------------|---------------------------|------------------|
| Method Blank | 099-12-533-1184 | N/A | Aqueous | GC 66 | 08/03/16 | 08/03/16 22:24 | 160803L05 |

Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but $<$ RL (LOQ), if found, are qualified with a "J" flag.

| <u>Parameter</u> | <u>Result</u> | <u>RL</u> | <u>MDL</u> | <u>DF</u> | <u>Qualifiers</u> |
|------------------|---------------|-----------|------------|-----------|-------------------|
| Aroclor-1016 | ND | 1.0 | 0.29 | 1.00 | |
| Aroclor-1221 | ND | 1.0 | 0.28 | 1.00 | |
| Aroclor-1232 | ND | 1.0 | 0.25 | 1.00 | |
| Aroclor-1242 | ND | 1.0 | 0.18 | 1.00 | |
| Aroclor-1248 | ND | 1.0 | 0.20 | 1.00 | |
| Aroclor-1254 | ND | 1.0 | 0.23 | 1.00 | |
| Aroclor-1260 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1262 | ND | 1.0 | 0.26 | 1.00 | |
| Aroclor-1268 | ND | 1.0 | 0.21 | 1.00 | |

| <u>Surrogate</u> | <u>Rec. (%)</u> | <u>Control Limits</u> | <u>Qualifiers</u> |
|------------------------------|-----------------|-----------------------|-------------------|
| Decachlorobiphenyl | 71 | 50-135 | |
| 2,4,5,6-Tetrachloro-m-Xylene | 79 | 50-135 | |

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| SS46-0.5 (381038-067) | Sample | Solid | GC 47 | 08/03/16 | 08/03/16 21:05 | 160803S04 |
| SS46-0.5 (381038-067) | Matrix Spike | Solid | GC 47 | 08/03/16 | 08/03/16 15:20 | 160803S04 |
| SS46-0.5 (381038-067) | Matrix Spike Duplicate | Solid | GC 47 | 08/03/16 | 08/03/16 15:37 | 160803S04 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|------------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| TPH as Motor Oil | 30.26 | 400.0 | 409.5 | 95 | 451.1 | 105 | 64-130 | 10 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| 16-08-0063-4 | Sample | Solid | GC 48 | 08/03/16 | 08/03/16 14:58 | 160803S02 |
| 16-08-0063-4 | Matrix Spike | Solid | GC 48 | 08/03/16 | 08/03/16 13:40 | 160803S02 |
| 16-08-0063-4 | Matrix Spike Duplicate | Solid | GC 48 | 08/03/16 | 08/03/16 13:56 | 160803S02 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|------------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| TPH as Motor Oil | ND | 400.0 | 325.1 | 81 | 326.7 | 82 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| SS46-0.5 (381038-067) | Sample | Solid | GC 47 | 08/03/16 | 08/03/16 21:05 | 160803S03 |
| SS46-0.5 (381038-067) | Matrix Spike | Solid | GC 47 | 08/03/16 | 08/03/16 14:46 | 160803S03 |
| SS46-0.5 (381038-067) | Matrix Spike Duplicate | Solid | GC 47 | 08/03/16 | 08/03/16 15:03 | 160803S03 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| TPH as Diesel | ND | 400.0 | 387.6 | 97 | 338.8 | 85 | 64-130 | 13 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| 16-08-0063-4 | Sample | Solid | GC 48 | 08/03/16 | 08/03/16 14:58 | 160803S01 |
| 16-08-0063-4 | Matrix Spike | Solid | GC 48 | 08/03/16 | 08/03/16 13:10 | 160803S01 |
| 16-08-0063-4 | Matrix Spike Duplicate | Solid | GC 48 | 08/03/16 | 08/03/16 13:25 | 160803S01 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| TPH as Diesel | ND | 400.0 | 349.3 | 87 | 344.7 | 86 | 64-130 | 1 | 0-15 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| COMP10 (381038-165) | Sample | Solid | GC 44 | 08/03/16 | 08/04/16 11:10 | 160803S07 |
| COMP10 (381038-165) | Matrix Spike | Solid | GC 44 | 08/03/16 | 08/03/16 20:07 | 160803S07 |
| COMP10 (381038-165) | Matrix Spike Duplicate | Solid | GC 44 | 08/03/16 | 08/03/16 20:21 | 160803S07 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|--------------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| Aldrin | ND | 25.00 | 19.80 | 79 | 21.42 | 86 | 50-135 | 8 | 0-25 | |
| Alpha-BHC | ND | 25.00 | 19.92 | 80 | 21.72 | 87 | 50-135 | 9 | 0-25 | |
| Beta-BHC | ND | 25.00 | 18.44 | 74 | 19.57 | 78 | 50-135 | 6 | 0-25 | |
| 4,4'-DDD | ND | 25.00 | 22.18 | 89 | 23.33 | 93 | 50-135 | 5 | 0-25 | |
| 4,4'-DDE | ND | 25.00 | 22.15 | 89 | 23.86 | 95 | 50-135 | 7 | 0-25 | |
| 4,4'-DDT | ND | 25.00 | 18.92 | 76 | 20.70 | 83 | 50-135 | 9 | 0-25 | |
| Delta-BHC | ND | 25.00 | 20.50 | 82 | 21.88 | 88 | 50-135 | 7 | 0-25 | |
| Dieldrin | ND | 25.00 | 19.47 | 78 | 20.95 | 84 | 50-135 | 7 | 0-25 | |
| Endosulfan I | ND | 25.00 | 17.41 | 70 | 18.66 | 75 | 50-135 | 7 | 0-25 | |
| Endosulfan II | ND | 25.00 | 19.07 | 76 | 20.58 | 82 | 50-135 | 8 | 0-25 | |
| Endosulfan Sulfate | ND | 25.00 | 19.12 | 76 | 19.88 | 80 | 50-135 | 4 | 0-25 | |
| Endrin | ND | 25.00 | 20.90 | 84 | 22.48 | 90 | 50-135 | 7 | 0-25 | |
| Endrin Aldehyde | ND | 25.00 | 18.60 | 74 | 20.02 | 80 | 50-135 | 7 | 0-25 | |
| Gamma-BHC | ND | 25.00 | 20.19 | 81 | 21.86 | 87 | 50-135 | 8 | 0-25 | |
| Heptachlor | ND | 25.00 | 20.82 | 83 | 22.11 | 88 | 50-135 | 6 | 0-25 | |
| Heptachlor Epoxide | ND | 25.00 | 18.65 | 75 | 19.53 | 78 | 50-135 | 5 | 0-25 | |
| Methoxychlor | ND | 25.00 | 19.24 | 77 | 21.28 | 85 | 50-135 | 10 | 0-25 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|------------------------------|-------------------------------|--------------|--------------|-----------------|-----------------------|---------------------|
| SS41-0.5 (381038-050) | Sample | Solid | GC 66 | 08/03/16 | 08/04/16 10:01 | 160803S08 |
| SS41-0.5 (381038-050) | Matrix Spike | Solid | GC 66 | 08/03/16 | 08/03/16 23:53 | 160803S08 |
| SS41-0.5 (381038-050) | Matrix Spike Duplicate | Solid | GC 66 | 08/03/16 | 08/04/16 00:11 | 160803S08 |

| <u>Parameter</u> | <u>Sample Conc.</u> | <u>Spike Added</u> | <u>MS Conc.</u> | <u>MS %Rec.</u> | <u>MSD Conc.</u> | <u>MSD %Rec.</u> | <u>%Rec. CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|------------------|---------------------|--------------------|-----------------|-----------------|------------------|------------------|-----------------|------------|---------------|-------------------|
| Aroclor-1016 | ND | 100.0 | 96.00 | 96 | 96.00 | 96 | 50-135 | 0 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 84.00 | 84 | 81.00 | 81 | 50-135 | 4 | 0-20 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - Spike/Spike Duplicate

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|------------------------|--------|------------|---------------|----------------|---------------------|
| SS100-0.5 (381038-149) | Sample | Solid | GC 66 | 08/03/16 | 08/04/16 13:36 | 160803S09 |
| SS100-0.5 (381038-149) | Matrix Spike | Solid | GC 66 | 08/03/16 | 08/04/16 01:05 | 160803S09 |
| SS100-0.5 (381038-149) | Matrix Spike Duplicate | Solid | GC 66 | 08/03/16 | 08/04/16 01:23 | 160803S09 |

| Parameter | Sample Conc. | Spike Added | MS Conc. | MS %Rec. | MSD Conc. | MSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|--------------|--------------|-------------|----------|----------|-----------|-----------|----------|-----|--------|------------|
| Aroclor-1016 | ND | 100.0 | 97.00 | 97 | 97.50 | 98 | 50-135 | 1 | 0-20 | |
| Aroclor-1260 | ND | 100.0 | 91.00 | 91 | 92.00 | 92 | 50-135 | 1 | 0-20 | |



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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | |
|---------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|-----|--------|------------|
| 099-15-278-1257 | LCS | Aqueous | GC 45 | 08/03/16 | 08/03/16 16:43 | 160803B06 | | | |
| 099-15-278-1257 | LCSD | Aqueous | GC 45 | 08/03/16 | 08/03/16 17:00 | 160803B06 | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
| TPH as Motor Oil | 2000 | 2313 | 116 | 2261 | 113 | 75-117 | 2 | 0-13 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|------|---------|------------|---------------|----------------|-----------------------|
| 099-15-304-1477 | LCS | Aqueous | GC 45 | 08/03/16 | 08/03/16 16:09 | 160803B05 |
| 099-15-304-1477 | LCSD | Aqueous | GC 45 | 08/03/16 | 08/03/16 16:26 | 160803B05 |

| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
|---------------|-------------|-----------|-----------|------------|------------|----------|-----|--------|------------|
| TPH as Diesel | 2000 | 1960 | 98 | 2007 | 100 | 75-117 | 2 | 0-13 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-15-420-1921 | LCS | Solid | GC 47 | 08/01/16 | 08/03/16 14:28 | 160803B04 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| TPH as Motor Oil | | 400.0 | 460.4 | 115 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-15-420-1920 | LCS | Solid | GC 48 | 08/03/16 | 08/03/16 12:54 | 160803B02 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| TPH as Motor Oil | | 400.0 | 345.1 | 86 | 75-123 | |



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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-15-422-2578 | LCS | Solid | GC 47 | 08/03/16 | 08/03/16 14:11 | 160803B03 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| TPH as Diesel | | 400.0 | 397.1 | 99 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3550B
Method: EPA 8015B (M)

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------|--------------|-----------------|-----------------------|------------------|
| 099-15-422-2577 | LCS | Solid | GC 48 | 08/03/16 | 08/03/16 12:39 | 160803B01 |

| <u>Parameter</u> | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
|------------------|--------------------|------------------------|------------------|-----------------|-------------------|
| TPH as Diesel | 400.0 | 339.0 | 85 | 75-123 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8081A

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number | |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|------------------|-------------------|
| 099-12-537-2489 | LCS | Solid | GC 44 | 08/03/16 | 08/03/16 20:35 | 160803L07 | |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>ME CL</u> | <u>Qualifiers</u> |
| Aldrin | | 25.00 | 22.39 | 90 | 50-135 | 36-149 | |
| Alpha-BHC | | 25.00 | 23.01 | 92 | 50-135 | 36-149 | |
| Beta-BHC | | 25.00 | 20.56 | 82 | 50-135 | 36-149 | |
| 4,4'-DDD | | 25.00 | 23.27 | 93 | 50-135 | 36-149 | |
| 4,4'-DDE | | 25.00 | 24.42 | 98 | 50-135 | 36-149 | |
| 4,4'-DDT | | 25.00 | 20.56 | 82 | 50-135 | 36-149 | |
| Delta-BHC | | 25.00 | 23.18 | 93 | 50-135 | 36-149 | |
| Dieldrin | | 25.00 | 21.86 | 87 | 50-135 | 36-149 | |
| Endosulfan I | | 25.00 | 20.02 | 80 | 50-135 | 36-149 | |
| Endosulfan II | | 25.00 | 21.90 | 88 | 50-135 | 36-149 | |
| Endosulfan Sulfate | | 25.00 | 20.38 | 82 | 50-135 | 36-149 | |
| Endrin | | 25.00 | 23.22 | 93 | 50-135 | 36-149 | |
| Endrin Aldehyde | | 25.00 | 20.60 | 82 | 50-135 | 36-149 | |
| Gamma-BHC | | 25.00 | 24.12 | 96 | 50-135 | 36-149 | |
| Heptachlor | | 25.00 | 23.33 | 93 | 50-135 | 36-149 | |
| Heptachlor Epoxide | | 25.00 | 21.64 | 87 | 50-135 | 36-149 | |
| Methoxychlor | | 25.00 | 20.74 | 83 | 50-135 | 36-149 | |

Total number of LCS compounds: 17

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8081A

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | | |
|---------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|--------|-----|--------|------------|
| 099-12-529-895 | LCS | Aqueous | GC 41 | 08/03/16 | 08/03/16 15:51 | 160803L04 | | | | |
| 099-12-529-895 | LCSD | Aqueous | GC 41 | 08/03/16 | 08/03/16 16:06 | 160803L04 | | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | ME CL | RPD | RPD CL | Qualifiers |
| Alpha-BHC | 0.5000 | 0.4655 | 93 | 0.4602 | 92 | 50-135 | 36-149 | 1 | 0-25 | |
| Gamma-BHC | 0.5000 | 0.4741 | 95 | 0.4680 | 94 | 50-135 | 36-149 | 1 | 0-25 | |
| Beta-BHC | 0.5000 | 0.4406 | 88 | 0.4334 | 87 | 50-135 | 36-149 | 2 | 0-25 | |
| Heptachlor | 0.5000 | 0.4825 | 96 | 0.4750 | 95 | 50-135 | 36-149 | 2 | 0-25 | |
| Delta-BHC | 0.5000 | 0.4856 | 97 | 0.4774 | 95 | 50-135 | 36-149 | 2 | 0-25 | |
| Aldrin | 0.5000 | 0.4593 | 92 | 0.4547 | 91 | 50-135 | 36-149 | 1 | 0-25 | |
| Heptachlor Epoxide | 0.5000 | 0.4650 | 93 | 0.4572 | 91 | 50-135 | 36-149 | 2 | 0-25 | |
| Endosulfan I | 0.5000 | 0.4764 | 95 | 0.4690 | 94 | 50-135 | 36-149 | 2 | 0-25 | |
| Dieldrin | 0.5000 | 0.4827 | 97 | 0.4739 | 95 | 50-135 | 36-149 | 2 | 0-25 | |
| 4,4'-DDE | 0.5000 | 0.4701 | 94 | 0.4608 | 92 | 50-135 | 36-149 | 2 | 0-25 | |
| Endrin | 0.5000 | 0.4633 | 93 | 0.4517 | 90 | 50-135 | 36-149 | 3 | 0-25 | |
| Endrin Aldehyde | 0.5000 | 0.4851 | 97 | 0.4782 | 96 | 50-135 | 36-149 | 1 | 0-25 | |
| 4,4'-DDD | 0.5000 | 0.4740 | 95 | 0.4650 | 93 | 50-135 | 36-149 | 2 | 0-25 | |
| Endosulfan II | 0.5000 | 0.4931 | 99 | 0.4828 | 97 | 50-135 | 36-149 | 2 | 0-25 | |
| 4,4'-DDT | 0.5000 | 0.4886 | 98 | 0.4758 | 95 | 50-135 | 36-149 | 3 | 0-25 | |
| Endosulfan Sulfate | 0.5000 | 0.4576 | 92 | 0.4477 | 90 | 50-135 | 36-149 | 2 | 0-25 | |
| Methoxychlor | 0.5000 | 0.4693 | 94 | 0.4536 | 91 | 50-135 | 36-149 | 3 | 0-25 | |

Total number of LCS compounds: 17

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-12-535-3852 | LCS | Solid | GC 66 | 08/03/16 | 08/03/16 23:18 | 160803L08 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| Aroclor-1016 | | 100.0 | 97.00 | 97 | 50-135 | |
| Aroclor-1260 | | 100.0 | 81.50 | 82 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3545
Method: EPA 8082

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS Batch Number |
|---------------------------|------------|--------------------|------------------------|------------------|-----------------------|-------------------|
| 099-12-535-3853 | LCS | Solid | GC 66 | 08/03/16 | 08/04/16 00:29 | 160803L09 |
| <u>Parameter</u> | | <u>Spike Added</u> | <u>Conc. Recovered</u> | <u>LCS %Rec.</u> | <u>%Rec. CL</u> | <u>Qualifiers</u> |
| Aroclor-1016 | | 100.0 | 96.50 | 96 | 50-135 | |
| Aroclor-1260 | | 100.0 | 84.00 | 84 | 50-135 | |

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RPD: Relative Percent Difference. CL: Control Limits



Calscience

Quality Control - LCS/LCSD

Enthalpy Analytical, Inc.
806 North Batavia
Orange, CA 92868-1242

Date Received: 08/02/16
Work Order: 16-08-0151
Preparation: EPA 3510C
Method: EPA 8082

Project: 381038

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| Quality Control Sample ID | Type | Matrix | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number | | | |
|---------------------------|-------------|-----------|------------|---------------|----------------|-----------------------|-----|--------|------------|
| 099-12-533-1184 | LCS | Aqueous | GC 66 | 08/03/16 | 08/03/16 21:48 | 160803L05 | | | |
| 099-12-533-1184 | LCSD | Aqueous | GC 66 | 08/03/16 | 08/03/16 22:06 | 160803L05 | | | |
| Parameter | Spike Added | LCS Conc. | LCS %Rec. | LCSD Conc. | LCSD %Rec. | %Rec. CL | RPD | RPD CL | Qualifiers |
| Aroclor-1016 | 2.000 | 1.750 | 88 | 1.870 | 94 | 50-135 | 7 | 0-25 | |
| Aroclor-1260 | 2.000 | 1.460 | 73 | 1.530 | 76 | 50-135 | 5 | 0-25 | |

RPD: Relative Percent Difference. CL: Control Limits

Glossary of Terms and Qualifiers

Work Order: 16-08-0151

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| <u>Qualifiers</u> | <u>Definition</u> |
|-------------------|---|
| * | See applicable analysis comment. |
| < | Less than the indicated value. |
| > | Greater than the indicated value. |
| 1 | Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. |
| 2 | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. |
| 3 | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. |
| 4 | The MS/MSD RPD was out of control due to suspected matrix interference. |
| 5 | The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. |
| 6 | Surrogate recovery below the acceptance limit. |
| 7 | Surrogate recovery above the acceptance limit. |
| B | Analyte was present in the associated method blank. |
| BU | Sample analyzed after holding time expired. |
| BV | Sample received after holding time expired. |
| CI | See case narrative. |
| E | Concentration exceeds the calibration range. |
| ET | Sample was extracted past end of recommended max. holding time. |
| HD | The chromatographic pattern was inconsistent with the profile of the reference fuel standard. |
| HDH | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). |
| HDL | The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). |
| J | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. |
| JA | Analyte positively identified but quantitation is an estimate. |
| ME | LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). |
| ND | Parameter not detected at the indicated reporting limit. |
| Q | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. |
| SG | The sample extract was subjected to Silica Gel treatment prior to analysis. |
| X | % Recovery and/or RPD out-of-range. |
| Z | Analyte presence was not confirmed by second column or GC/MS analysis. |
| | Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. |
| | Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time. |
| | A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations. |



Enthalpy Analytical

Formerly Associated Labs

1 Park Plaza, Suite 1000
Irvine, CA 92614
Tel: 714.771.6900 Fax: 714.538.1209
info-sc@enthalpy.com



16-08-0151

MONTROSE
ENVIRONMENTAL

Subcontract Laboratory:

Eurofins CalScience - Sub
7440 Lincoln Way
Garden Grove, CA 92841

ATTN: Xuan Dang
PO# 381038

Note: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Project: 381038 **Due:** ~~08/03/16~~ 08/04/16
PM: Ranjit Clarke
Email: ranjit.clarke@enthalpy.com
CC: incomingreports@enthalpy.com

Require: EDD EDF EDT
Report To: MDL

| Matrix | Sampled | Sample ID | Analysis | Comment |
|--------|---------|--|----------------------------|---------|
| 1 | Solid | 08/02/16 07:35 SS3-0.5 (381038-007) | 8081 Pesticides | |
| | Solid | 08/02/16 07:31 SS4-0.5 (381038-010) | 8015B EPH Diesel/Motor Oil | |
| 2 | Solid | 08/02/16 07:31 SS4-0.5 (381038-010) | 8081 Pesticides | |
| | Solid | 08/02/16 07:31 SS4-0.5 (381038-010) | 8082 PCBs | |
| 3 | Solid | 08/02/16 13:41 SS9-0.5 (381038-013) | 8081 Pesticides | |
| 4 | Solid | 08/02/16 07:44 SS24-0.5 (381038-022) | 8081 Pesticides | |
| | Solid | 08/02/16 07:42 SS32-0.5 (381038-028) | 8015B EPH Diesel/Motor Oil | |
| 5 | Solid | 08/02/16 07:42 SS32-0.5 (381038-028) | 8081 Pesticides | |
| | Solid | 08/02/16 07:42 SS32-0.5 (381038-028) | 8082 PCBs | |
| 6 | Solid | 08/02/16 10:20 SS35-0.5 (381038-031) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:20 SS35-0.5 (381038-031) | 8082 PCBs | |
| 7 | Solid | 08/02/16 09:30 SS36-0.5 (381038-034) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 09:30 SS36-0.5 (381038-034) | 8082 PCBs | |
| 8 | Solid | 08/02/16 09:33 SS37-0.5 (381038-037) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 09:33 SS37-0.5 (381038-037) | 8082 PCBs | |
| | Solid | 08/02/16 09:34 SS37-0.5 DUP (381038-038) | 8015B EPH Diesel/Motor Oil | |
| 9 | Solid | 08/02/16 09:34 SS37-0.5 DUP (381038-038) | 8082 PCBs | |
| | Solid | 08/02/16 10:12 SS38-0.5 (381038-041) | 8015B EPH Diesel/Motor Oil | |
| 10 | Solid | 08/02/16 10:12 SS38-0.5 (381038-041) | 8082 PCBs | |
| | Solid | 08/02/16 10:01 SS39-0.5 (381038-044) | 8015B EPH Diesel/Motor Oil | |
| 11 | Solid | 08/02/16 10:01 SS39-0.5 (381038-044) | 8082 PCBs | |
| 12 | Solid | 08/02/16 10:34 SS40-0.5 (381038-047) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:34 SS40-0.5 (381038-047) | 8082 PCBs | |
| 13 | Solid | 08/02/16 10:50 SS41-0.5 (381038-050) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:50 SS41-0.5 (381038-050) | 8082 PCBs | |
| 14 | Solid | 08/02/16 10:41 SS42-0.5 (381038-053) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:41 SS42-0.5 (381038-053) | 8082 PCBs | |
| 15 | Solid | 08/02/16 10:42 SS43-0.5 (381038-056) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:42 SS43-0.5 (381038-056) | 8082 PCBs | |
| | Solid | 08/02/16 10:43 SS43-0.5 DUP (381038-057) | 8015B EPH Diesel/Motor Oil | |
| 14 | Solid | 08/02/16 10:43 SS43-0.5 DUP (381038-057) | 8082 PCBs | |
| | Solid | 08/02/16 09:57 SS44-0.5 (381038-060) | 8015B EPH Diesel/Motor Oil | |
| 17 | Solid | 08/02/16 09:57 SS44-0.5 (381038-060) | 8082 PCBs | |
| 18 | Solid | 08/02/16 10:13 SS45-0.5 (381038-063) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:13 SS45-0.5 (381038-063) | 8082 PCBs | |
| 19 | Solid | 08/02/16 10:28 SS46-0.5 (381038-067) | 8015B EPH Diesel/Motor Oil | |
| | Solid | 08/02/16 10:28 SS46-0.5 (381038-067) | 8082 PCBs | |
| | Solid | 08/02/16 11:12 SS47-0.5 (381038-071) | 8015B EPH Diesel/Motor Oil | |
| 20 | Solid | 08/02/16 11:12 SS47-0.5 (381038-071) | 8082 PCBs | |
| | Solid | 08/02/16 11:14 SS48-0.5 (381038-074) | 8015B EPH Diesel/Motor Oil | |
| 21 | Solid | 08/02/16 11:14 SS48-0.5 (381038-074) | 8082 PCBs | |
| | Solid | 08/02/16 11:20 SS49-0.5 (381038-077) | 8015B EPH Diesel/Motor Oil | |
| 22 | Solid | 08/02/16 11:20 SS49-0.5 (381038-077) | 8082 PCBs | |
| 23 | Solid | 08/02/16 11:05 SS50-0.5 (381038-080) | 8015B EPH Diesel/Motor Oil | |

Return to Contents

| Matrix | Sampled | Sample ID | Analysis | Comment |
|--------|---------|--|----------------------------|---------|
| 23 | Solid | 08/02/16 11:05 SS50-0.5 (381038-080) | 8082 PCBs | |
| 24 | Solid | 08/02/16 13:16 SS53-0.5 (381038-083) | 8081 Pesticides | |
| 25 | Solid | 08/02/16 09:17 SS91-0.5 (381038-128) | 8081 Pesticides | |
| | Solid | 08/02/16 09:09 SS97-0.5 (381038-143) | 8015B EPH Diesel/Motor Oil | |
| 26 | Solid | 08/02/16 09:09 SS97-0.5 (381038-143) | 8081 Pesticides | |
| | Solid | 08/02/16 09:09 SS97-0.5 (381038-143) | 8082 PCBs | |
| | Solid | 08/02/16 09:15 SS100-0.5 (381038-149) | 8015B EPH Diesel/Motor Oil | |
| 27 | Solid | 08/02/16 09:15 SS100-0.5 (381038-149) | 8081 Pesticides | |
| | Solid | 08/02/16 09:15 SS100-0.5 (381038-149) | 8082 PCBs | |
| 28 | Water | 08/02/16 00:00 EQBL0802-1 (381038-162) | 8015B EPH Diesel/Motor Oil | |
| | Water | 08/02/16 00:00 EQBL0802-1 (381038-162) | 8081 Pesticides | |
| | Water | 08/02/16 00:00 EQBL0802-2 (381038-163) | 8015B EPH Diesel/Motor Oil | |
| 29 | Water | 08/02/16 00:00 EQBL0802-2 (381038-163) | 8081 Pesticides | |
| | Water | 08/02/16 00:00 EQBL0802-2 (381038-163) | 8082 PCBs | |
| 30 | Solid | 08/02/16 00:00 COMP9 (381038-164) | 8081 Pesticides | |
| 31 | Solid | 08/02/16 00:00 COMP10 (381038-165) | 8081 Pesticides | |
| 32 | Solid | 08/02/16 00:00 COMP11 (381038-166) | 8081 Pesticides | |
| 33 | Solid | 08/02/16 00:00 COMP12 (381038-167) | 8081 Pesticides | |
| 34 | Solid | 08/02/16 00:00 COMP11 DUP (381038-168) | 8081 Pesticides | |

Note:

| Relinquished By | Received By: |
|--------------------------|------------------------|
| Christopher OR <i>CA</i> | DANNY ELL |
| Date/Time 8/2/16 18:42 | Date/Time 8/2/16 18:42 |
| Date/Time | Date/Time |



SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: EA, Inc.

DATE: 08 / 02 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)
 Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 4.6 °C (w/ CF): 4.6 °C; Blank Sample
 Sample(s) outside temperature criteria (PM/APM contacted by: _____)
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling
 Sample(s) received at ambient temperature; placed on ice for transport by courier
 Ambient Temperature: Air Filter

Checked by: 659

CUSTODY SEAL:

Cooler Present and Intact Present but Not Intact Not Present N/A
 Sample(s) Present and Intact Present but Not Intact Not Present N/A

Checked by: 659
 Checked by: 1017

SAMPLE CONDITION:

| | Yes | No | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Chain-of-Custody (COC) document(s) received with samples | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| COC document(s) received complete | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers | | | |
| <input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time | | | |
| Sampler's name indicated on COC | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sample container label(s) consistent with COC | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Sample container(s) intact and in good condition | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Proper containers for analyses requested | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sufficient volume/mass for analyses requested | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Samples received within holding time | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Aqueous samples for certain analyses received within 15-minute holding time | | | |
| <input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Proper preservation chemical(s) noted on COC and/or sample container | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Unpreserved aqueous sample(s) received for certain analyses | | | |
| <input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals | | | |
| Container(s) for certain analysis free of headspace | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500) | | | |
| <input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach) | | | |
| Tedlar™ bag(s) free of condensation | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

CONTAINER TYPE:

(Trip Blank Lot Number: _____)

Aqueous: VOA VOA_h VOA_{na2} 100PJ 100PJ_{na2} 125AGB 125AGB_h 125AGB_p 125PB
 125PB_{z_{na}} 250AGB 250CGB 250CGB_s 250PB 250PB_n 500AGB 500AGJ 500AGJ_s
 500PB 1AGB 1AGB_{na2} 1AGB_s 1PB 1PB_{na} _____ _____ _____
Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (_____) EnCores® (_____) TerraCores® (_____) _____
Air: Tedlar™ Canister Sorbent Tube PUF _____ **Other Matrix** (_____) : _____ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO₃, na = NaOH, na₂ = Na₂S₂O₃, p = H₃PO₄,
 s = H₂SO₄, u = ultra-pure, z_{na} = Zn (CH₃CO₂)₂ + NaOH

Labeled/Checked by: 1017
 Reviewed by: 659

Xuan Dang

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Tuesday, August 02, 2016 10:31 PM
To: Xuan Dang
Subject: RE: 16-08-0151

Importance: High

Yes. Please add PCBs to sample -28.

Thanks,

Ranjit



Ranjit Clarke
 Senior Project Manager
 O: 949-207-1475 / M: 657-274-9864 / F: 714-538-1209
Ranjit.Clarke@enthalpy.com

From: Xuan Dang [mailto:XuanDang@eurofinsUS.com]
Sent: Tuesday, August 02, 2016 10:06 PM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: 16-08-0151

Hi Ranjit,
 #28 has an extra 1L bottle but only 8081 and 8015 requested on the COC. Do you want to add 8082 as well?
 Please advise as soon as you can.

Thank you.
 Xuan

Sent from my iPhone

Begin forwarded message:

From: <noreply@eurofinsUS.com>
Date: August 2, 2016 at 9:30:06 PM PDT
To: <XuanDang@eurofinsUS.com>, <NoelCruise@EurofinsUS.com>
Subject: ***COC***

It is just information. Please don't reply this e-mail.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If



Enthalpy Analytical, Inc.

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www.associatedlabs.com

info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381162
Report Date: 09/09/2016
Date Received: 08/04/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Supplement 3 - Some sampling times are not listed on the COC. For these samples, the times were taken from the sample jars.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAP are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 381162-044 | SS95B-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:40 | Site: | |
| Sample #: <u>381162-044</u> | Client Sample #: SS95B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1170681 | |
| Arsenic | 4.31 J | 20 | 0.4 | 6 | mg/Kg | 09/08/16 | 09/09/16 | KLN J |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1170681</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 09/08/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1170681MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1170681LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 50.8 | | mg/Kg | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1170681MS1, QC1170681MSD1 | | | | | | | | | | | | |
| Arsenic | 4.31 | 50 | 50 | 41.7 | 40.3 | mg/Kg | 75 | 72 | 3.4 | 75-125 | 20 | M |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **981162**

Page: 1 of 1

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:

2 Day:

1 Day:

3 Day:

Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviron.com

Address: 3777 Long Beach Boulevard

Long Beach, CA 90807

Phone: 562-544-3910

Fax: 562-495-5877

Name:

Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street

Los Angeles, CA

Global ID:

Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Arsenic (USEPA 6020)

Lead (USEPA 6010B)

Analysis Request

Test Instructions / Comments

Matrix

Container No. / Size

Pres.

Sample ID

Sampling Date

Sampling Time

Signature

Print Name

Company / Title

Date / Time

Relinquished By:

Received By:

Relinquished By:

Received By:

Relinquished By:

Received By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------|------------------------------|
| 1 SS22A-0.5 | 08/04/16 | 0710 | Soil | 1 jar | NONE | X | | | |
| 2 SS22A-1.5 | | 0711 | | | | X | | | Hold & Archive |
| 3 SS22C-0.5 | | 0710 | | | | X | | | Hold & Archive |
| 4 SS22C-1.5 | | 0712 | | | | X | | | Hold & Archive |
| 5 SS22B-0.5 | | 0715 | | | | X | | | Hold & Archive |
| 6 SS21C-0.5 | | 0722 | | | | X | | | Hold & Archive |
| 7 SS21C-1.5 | | 0724 | | | | X | | | Hold & Archive |
| 8 SS21C-2.5 | | 0726 | | | | X | | | Hold & Archive |
| 9 SS21A-0.5 | | 0726 | | | | X | | | Hold & Archive |
| 10 SS21A-1.5 | | 0727 | | | | X | | | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| <i>[Signature]</i> | Eric Fraské | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Eric Fraské | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | Eric Fraské | Enthalpy | 8/4/16 15:57 |
| <i>[Signature]</i> | Eric Fraské | Enthalpy | |
| <i>[Signature]</i> | Eric Fraské | Enthalpy | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **2** of **2**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| SS21A-2.5 | 08/04/16 | | Soil | 1 Jar | None |
| SS21B-0.5 | | | | | |
| SS21B-0.5DUP | | | | | |
| SS21B-1.5 | | | | | |
| SS21B-2.5 | | | | | |
| SS32C-0.5 | | | | | |
| SS32C-1.5 | | | | | |
| SS32C-2.5 | | | | | |
| SS32A-0.5 | | | | | |
| SS32A-1.5 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|-----------------|----------------|
| | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| | Eric Fraske | Enthalpy | 8/4/16 14:20 |
| | Eric Fraske | Enthalpy | 8/4/16 15:47 |
| | Eric Fraske | Enthalpy | 8/4/16 15:57 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **3** of **3**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:
 4 Day:
 1 Day: **X**
 2 Day:
 3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

PROJECT INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

CUSTOMER INFORMATION

Signature: *[Signature]*
 Print Name: ERIC FRASKE
 Company / Title: ALTA
 Date / Time: 8/14/16 14:26

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments |
|-------------------------------|---------------|---------------|--------|----------------------|-------|------------------------------|
| 1 SS32A-2.5 | 08/09/16 | 0747 | Soil | 1 3x | None | Hold & Archive |
| 2 SS32A SS103C-0.5 | | 0800 | | | | Hold & Archive |
| 3 SS103C-1.5 | | 0803 | | | | Hold & Archive |
| 4 SS103C-2.5 | | 0806 | | | | Hold & Archive |
| 5 SS103A-0.5 | | 0807 | | | | Hold & Archive |
| 6 SS103A-1.5 | | 0802 | | | | Hold & Archive |
| 7 SS103A-2.5 | | 0803 | | | | Hold & Archive |
| 8 SS103B-0.5 | | 0808 | | | | Hold & Archive |
| 9 SS103B-1.5 | | 0810 | | | | Hold & Archive |
| 10 SS103B-2.5 | | 0811 | | | | Hold & Archive |

| Relinquished By: | Received By: | Relinquished By: | Received By: | Relinquished By: | Received By: |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> |
| | | | | | |
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ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **4** of **4**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Sample ID Sampling Date Sampling Time Matrix Container No. / Size Pres.
 1 5596A-0.5 08/04/16 0820 Soil 1 Jar None
 2 5596A-1.5 0822
 3 5596A-2.5 0823
 4 5596B-0.5 0824
 5 5596B-1.5 0825
 6 5596B-2.5 0826
 7 5596C-0.5 0819
 8 5596C-1.5 0821
 9 5596C-2.5 0822
 10 5596A-0.5 0832

Analysis Request

Arsenic (USEPA 6020) X
 Lead (USEPA 6010B) X

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

Signature

Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]

Print Name

ERIC FRASKE
 DENNIS DOMINGUEZ
 DENNIS DOMINGUEZ
 HONG GUY CAB

Company / Title

ACTA
 Enthalpy
 Enthalpy
 Enthalpy

Date / Time

08/04/16 1420
 8/11/16 1420
 8/11/16 15:47
 8/16/16 15:57

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthlapy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **6** of **6**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------|---------------|---------------|--------|----------------------|-------|
| SS95A-1.5 | 08/04/16 | 0835 | Soil | Jar | None |
| SS95A-2.5 | | 0837 | | | |
| SS95B-0.5 | | 0839 | | | |
| SS95B-1.5 | | 0840 | | | |
| SS95B-2.5 | | 0841 | | | |
| SS95C-0.5 | | 0832 | | | |
| SS95C-1.5 | | 0833 | | | |
| SS95C-2.5 | | 0835 | | | |
| SS101A-0.5 | | 0859 | | | |
| SS101A-1.5 | | 0900 | | | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--------------------|----------------|----------|----------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:26 |
| 1 Received By: | <i>[Signature]</i> | Dennis Downing | Enthalpy | 8/4/16 14:20 |
| 2 Relinquished By: | <i>[Signature]</i> | Dennis Downing | Enthalpy | 8/4/16 15:47 |
| 2 Received By: | <i>[Signature]</i> | Hongling Cab | | 8/4/16 15:51 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: **38162**

Page: **6** of **6**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS101A-2.5 | 08/04/16 | 0901 | Soil | 1 Jar | None | Arsenic (USEPA 6020) | Hold & Archive |
| 2 SS101B-0.5 | | 0855 | | | | Lead (USEPA 6010B) | Hold & Archive |
| 3 SS101B-1.5 | | 0857 | | | | | Hold & Archive |
| 4 SS101B-2.5 | | 0859 | | | | | Hold & Archive |
| 5 SS101C-0.5 | | 0850 | | | | | Hold & Archive |
| 6 SS101C-1.5 | | 0851 | | | | | Hold & Archive |
| 7 SS101C-2.5 | | 0853 | | | | | Hold & Archive |
| 8 SS102A-0.5 | | 0910 | | | | | Hold & Archive |
| 9 SS102A-1.5 | | 0912 | | | | | Hold & Archive |
| 10 SS102A-2.5 | | 0913 | | | | | Hold & Archive |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS101A-2.5 | 08/04/16 | 0901 | Soil | 1 Jar | None | Arsenic (USEPA 6020) | Hold & Archive |
| 2 SS101B-0.5 | | 0855 | | | | Lead (USEPA 6010B) | Hold & Archive |
| 3 SS101B-1.5 | | 0857 | | | | | Hold & Archive |
| 4 SS101B-2.5 | | 0859 | | | | | Hold & Archive |
| 5 SS101C-0.5 | | 0850 | | | | | Hold & Archive |
| 6 SS101C-1.5 | | 0851 | | | | | Hold & Archive |
| 7 SS101C-2.5 | | 0853 | | | | | Hold & Archive |
| 8 SS102A-0.5 | | 0910 | | | | | Hold & Archive |
| 9 SS102A-1.5 | | 0912 | | | | | Hold & Archive |
| 10 SS102A-2.5 | | 0913 | | | | | Hold & Archive |

Signature: *[Signature]*
 Print Name: Eric Fraske
 Company / Title: ACTA
 Date / Time: 08/04/16 14:20

Signature: *[Signature]*
 Print Name: Dennis Downing
 Company / Title: Enthalpy
 Date / Time: 8/4/16 14:20

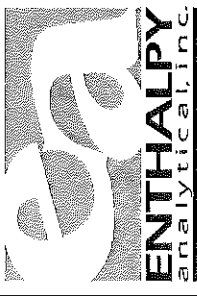
Signature: *[Signature]*
 Print Name: Dennis Downing
 Company / Title: Enthalpy
 Date / Time: 8/4/16 15:47

Signature: *[Signature]*
 Print Name: Hongling Cao
 Company / Title:
 Date / Time: 8/6/16 15:57

Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **7** of **7**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|-----------------------------|-----------------------|---|---------------------|---------------|--------|----------------------|------------------|----------------------|--------------------|------------------|------------------------------|--|--|--|
| Company: | Name: | Jefferson High School | Address: | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Analysis Request | Test Instructions / Comments | | | |
| Alta Environmental | Eric Fraske | LAUS-16-6101 | 3777 Long Beach Boulevard Long Beach, CA 90807 | 08/04/16 | 0908 | Soil | 1 JAC | NONE | X | X | | | | | |
| Report To: | Eric Fraske | | 1319 E. 41st Street Los Angeles, CA | | 0910 | | | | | | | Hold & Archive | | | |
| Email: | eric.fraske@altaenviron.com | | | | 0912 | | | | X | X | | Hold & Archive | | | |
| Address: | | | | | 0914 | | | | X | X | | | | | |
| Phone: | 562-544-3910 | | | | 0915 | | | | | | | | | | |
| Fax: | 562-495-5877 | | | | 0916 | | | | | | | Hold & Archive | | | |
| | | | | | 0917 | | | | X | X | | Hold & Archive | | | |
| | | | | | 0918 | | | | | | | | | | |
| | | | | | 0926 | | | | | | | Hold & Archive | | | |
| | | | | | 0927 | | | | | | | Hold & Archive | | | |

| Sample ID | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|----------------|-----------------|----------------|
| 1 SS102B-0.5 | <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 17:20 |
| 2 SS102B-1.5 | <i>[Signature]</i> | Dennis Ramirez | Enthalpy | 8/4/16 14:20 |
| 3 SS102B-2.5 | <i>[Signature]</i> | Dennis Ramirez | Enthalpy | 8/4/16 15:47 |
| 4 SS102C-0.5 | <i>[Signature]</i> | Klaus C | | 8/4/16 15:57 |
| 5 SS102C-1.5 | | | | |
| 6 SS102C-2.5 | | | | |
| 7 SS1A-0.5 | | | | |
| 8 SS1A-1.5 | | | | |
| 9 SS1A-2.5 | | | | |
| 10 SS1A-2.5 | | | | |
| 1 Relinquished By: | | | | |
| 1 Received By: | | | | |
| 2 Relinquished By: | | | | |
| 2 Received By: | | | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **8** of **8**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | | |
|----------------------|-----------------------------|---|--------------|-----------------------|--|------------|-------------|------------------|---------------|---------------|--------|------------------------------|-------|---------------------|--------------------|------------------------------|
| Company: | Name: | Address: | Global ID: | Name: | Address: | Global ID: | Sampled By: | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arseic (USEPA 6020) | Lead (USEPA 6010B) | Test Instructions / Comments |
| Alta Environmental | Eric Fraske | 3777 Long Beach Boulevard Long Beach, CA 90807 | 562-544-3910 | Jefferson High School | 1319 E. 41st Street Los Angeles, CA | | | | | | | | | | | |
| Report To: | Eric Fraske | | | Number: | | | | | | | | | | | | |
| Email: | eric.fraske@altaenviron.com | | | P.O. #: | | | | | | | | | | | | |
| Phone: | | | | Address: | | | | | | | | | | | | |
| Fax: | | | | Global ID: | | | | | | | | | | | | |
| | | | | Sampled By: | | | | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arseic (USEPA 6020) | Lead (USEPA 6010B) |
|---------------|---------------|---------------|--------|----------------------|-------|---------------------|--------------------|
| 1 SS1C-0.5 | 08/04/16 | 0929 | Soil | 1 Jar | None | X | X |
| 2 SS1C-0.5DUP | | 0930 | | | | X | X |
| 3 SS1C-1.5 | | 0931 | | | | | |
| 4 SS1C-2.5 | | 0932 | | | | X | |
| 5 SS2A-0.5 | | 0939 | | | | X | |
| 6 SS2A-1.5 | | 0940 | | | | | |
| 7 SS2A-2.5 | | 0942 | | | | | |
| 8 SS2B-0.5 | | 0944 | | | | X | |
| 9 SS2B-1.5 | | 0946 | | | | | |
| 10 SS2B-2.5 | | 0948 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| <i>[Signature]</i> | Dennis Conway | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Dennis Conway | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | Hongying Cao | | 8/4/16 15:57 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **981162**
 Page: **9** of **9**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|----------------------|--|---------------------|-----------------------|--|--|------------------|--|------------------------------|--|
| Company: | Alta Environmental | Name: | Jefferson High School | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, CA | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| SS22C-0.5 | 08/04/16 | 0946 | SAL | 1 JAR | None | Arсенic (USEPA 6020) | |
| SS22C-1.5 | | 0947 | | | | Lead (USEPA 6010B) | Hold & Archive |
| SS22C-2.5 | | 0948 | | | | | Hold & Archive |
| SS98B-0.5 | | 1013 | | | | | |
| SS98B-1.5 | | 1014 | | | | | |
| SS98B-2.5 | | 1017 | | | | | Hold & Archive |
| SS98C-0.5 | | 1020 | | | | | Hold & Archive |
| SS98C-1.5 | | 1022 | | | | | Hold & Archive |
| SS98C-2.5 | | 1024 | | | | | Hold & Archive |
| SS92 P-0.5 | | 1049 | | | | | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|---------------|-----------------|--------------|
| | ERIC FRASKE | ALTA | 8/4/16 14:20 |
| | Dennis Darity | Enthalpy | 8/4/16 14:20 |
| | Dennis Darity | Enthalpy | 8/4/16 15:47 |
| | Hongling Cao | | 8/4/16 15:57 |
| | | | |
| | | | |

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Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **10** of **10**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| | |
|----------------------|--|
| Lead (USEPA 6010B) | |
| Arsenic (USEPA 6020) | |

Test Instructions / Comments

| | |
|--|----------------|
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|-----------------|---------------|---------------|--------|----------------------|-------|
| 1 SS92A-1.5 | 08/04/10 | | Soil | 1 Jar | None |
| 2 SS92A-2.5 | | | | | |
| 3 SS92B-0.5 | | | | | |
| 4 SS92B-0.5 DUP | | | | | |
| 5 SS92B-1.5 | | | | | |
| 6 SS92B-2.5 | | | | | |
| 7 SS92C-0.5 | | | | | |
| 8 SS92C-1.5 | | | | | |
| 9 SS92C-2.5 | | | | | |
| 10 SS93A-0.5 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|-----------------|----------------|
| | ERIC FRASKE | ALTA | 08/04/10 14:20 |
| | Dennis Downing | Enthalpy | 8/16/16 14:20 |
| | Dennis Downing | Enthalpy | 9/4/16 15:47 |
| | Hongling Cao | | 8/16/16 15:57 |
| | | | |
| | | | |

- 1 Relinquished By:
- 1 Received By:
- 2 Relinquished By:
- 2 Received By:
- 3 Relinquished By:
- 3 Received By:

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 38162
 Page: 11 of 12
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|------------------------------------|------------------------------|---------------------|------------|-----------------------|---------------------|------------|-------------|------------------|----------------------|-------|------------------|------------------------------|--|--|--|
| Company: | Name: | Address: | Global ID: | Name: | Address: | Global ID: | Sampled By: | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments | | | |
| Alta Environmental | Jefferson High School | 1319 E. 41st Street | | Jefferson High School | 1319 E. 41st Street | | | | | | | | | | |
| Report To: Eric Fraske | Number: LAUS-16-6101 | | | Number: LAUS-16-6101 | | | | | | | | | | | |
| Email: eric.fraske@altaenviron.com | P.O. #: | | | | | | | | | | | | | | |
| Address: 3777 Long Beach Boulevard | Address: 1319 E. 41st Street | | | | | | | | | | | | | | |
| | Address: Los Angeles, CA | | | | | | | | | | | | | | |
| Phone: 562-544-3910 | Global ID: | | | | | | | | | | | | | | |
| Fax: 562-495-5877 | Sampled By: | | | | | | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS93A-1.5 | 08/01/16 | 1101 | Soil | 1 SAR | None | | Hold & Archive |
| 2 SS93A-2.5 | | 1105 | | | | | Hold & Archive |
| 3 SS93B-0.5 | | 1110 | | | | X | Hold & Archive |
| 4 SS93B-1.5 | | 1112 | | | | | Hold & Archive |
| 5 SS93B-2.5 | | 1114 | | | | | Hold & Archive |
| 6 SS93C-0.5 | | 1116 | | | | X | Hold & Archive |
| 7 SS93C-1.5 | | 1118 | | | | | Hold & Archive |
| 8 SS93C-2.5 | | 1119 | | | | | Hold & Archive |
| 9 SS38A-0.5 | | 1138 | | | | X | Hold & Archive |
| 10 SS38A-0.5 DUO | | 1138 | | | | X | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|------------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/2016 14:20 |
| <i>[Signature]</i> | Dennis Downey | Enthalpy | 8/16/16 14:20 |
| <i>[Signature]</i> | Dennis Downey | Enthalpy | 8/16/16 15:47 |
| <i>[Signature]</i> | Hongying Cao | Enthalpy | 8/16/16 15:57 |
| | | | |
| | | | |

ENTHALPY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: **38162**
 Page: **12** of **12**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|-----------|---------------|---------------|--------|----------------------|-------|
| SS38A-1.5 | 08/09/16 | | Soil | 1 JTB | None |
| SS38A-2.5 | | | | | |
| SS38B-0.5 | | | | | |
| SS38B-1.5 | | | | | |
| SS38B-2.5 | | | | | |
| SS38C-0.5 | | | | | |
| SS38C-1.5 | | | | | |
| SS68A-0.5 | | | | | |
| SS68A-1.5 | | | | | |
| SS68A-2.5 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|----------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/09/16 14:20 |
| <i>[Signature]</i> | Dennis Deaneby | ENTHALPY | 8/9/16 14:20 |
| <i>[Signature]</i> | Dennis Deaneby | ENTHALPY | 8/9/16 15:47 |
| <i>[Signature]</i> | Hongling Cao | | 8/9/16 (15:57) |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalpy - SoCal

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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**

Page: **14** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:

2 Day:

4 Day:

1 Day:

3 Day:

Same Day:

X

Turn Around Time (Rush by advanced notice only)

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Analysis Request

Analysis Request: Arsenic (USEPA 6020) Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Company / Title | Date / Time |
|--------------|---------------|---------------|--------|----------------------|-------|-----------------|----------------|
| 1 S555B-1.5 | 08/04/16 | 1345 | Soil | 1 Jar | N/A | ALTA | 08/04/16 14:00 |
| 2 S555B-2.5 | | 1347 | | | | Eric Fraske | 8/9/16 - 14:20 |
| 3 S555C-0.5 | | 1338 | | | X | Dennis Denny | 8/4/16 - 15:47 |
| 4 S555C-1.5 | | 1341 | | | | Eric Fraske | 8/4/16 15:57 |
| 5 S555C-2.5 | | 1348 | | | | | |
| 6 E06L0204-1 | | 1400 | H2O | 1 Bottle | N/A | | |
| 7 E06L0204-2 | | 1400 | | | X | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

Signature: [Signatures]
 Print Name: Eric Fraske, Dennis Denny, Eric Fraske
 Relinquished By: [Signatures]
 Received By: [Signatures]



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: AVTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL

Date Received: 8/04/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 3 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 3.4°C #2: 3.3°C #3: 3.5°C #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 2.4°C #2: 1.6°C #3: 3.2°C #4: _____

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | | <input checked="" type="checkbox"/> | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |

Section 4

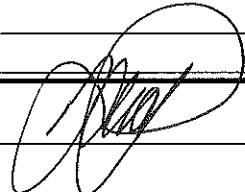
Explanations/Comments: RECEIVED (2) CONTAINERS FOR "SS93A-2.5". ID WAS CHANGED ON (1) OF THE CONTAINERS TO CONCLUDE WITH SAMPLING TIMES.

Section 5

Was the Project Manager notified via email of discrepancies: Yes No N/A

Was the email sent to: R.C.

Project Manager's response: _____

Completed By:  Date: 8/04/16

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Thursday, September 08, 2016 10:15 AM
To: Ranjit Clarke
Subject: Thomas Jefferson High School

Hi Ranjit,

Please run the following two samples for arsenic by EPA Method 6020 on a Rush 24-hour basis.

- Sample SS88C-1.5 collected on 8/5/2016 from lab report 381187
- Sample SS95B-0.5 collected on 8/4/2016 from lab report 381162

Please let me know if you need any additional information.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381162
Report Date: 09/13/2016
Date Received: 08/04/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Supplement 4 - Some sampling times are not listed on the COC. For these samples, the times were taken from the sample jars.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAP are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 381162-043 | SS95B-0.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:39 | Site: | |
| Sample #: <u>381162-043</u> | Client Sample #: SS95B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1170784 | |
| Arsenic | 6.53 J | 50 | 1 | 15 | mg/Kg | 09/12/16 | 09/13/16 KLN | J |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1170784</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 09/13/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1170784MB1 | | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1170784LCS1 | | | | | | | | | | | |
| Arsenic | 100 | | 110 | | mg/Kg | 110 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1170784MS1, QC1170784MSD1 | | | | | | | | | | | | |
| Arsenic | 9.79 | 100 | 100 | 107 | 98.5 | mg/Kg | 97 | 89 | 8.3 | 75-125 | 20 | Source: 381364-046 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

**Chain of Custody Record**

Lab No: **981162**
 Page: **1** of **1**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Turn Around Time (Rush by advanced notice only)**CUSTOMER INFORMATION**

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------------------|
| 1 | SS22A-0.5 | 08/04/16 | 0710 | Soil | 1 jar | None | X | |
| 2 | SS22A-1.5 | 0711 | | | | | | Hold & Archive |
| 3 | SS22C-0.5 | 0710 | | | | | | |
| 4 | SS22C-1.5 | 0712 | | | | | | Hold & Archive |
| 5 | SS22B-0.5 | 0715 | | | | | | |
| 6 | SS21C-0.5 | 0722 | | | | | | |
| 7 | SS21C-1.5 | 0724 | | | | | | Hold & Archive |
| 8 | SS21C-2.5 | 0726 | | | | | | Hold & Archive |
| 9 | SS21A-0.5 | 0726 | | | | | | |
| 10 | SS21A-1.5 | 0727 | | | | | | |

Test Instructions / Comments**Signature****Print Name****Company / Title****Date / Time**

| | | | | | | |
|---|------------------|--------------------|--------------|----------|----------|-------|
| 1 | Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 | 14:20 |
| 1 | Received By: | <i>[Signature]</i> | Devin Denny | Enthalpy | 8/4/16 | 14:30 |
| 2 | Relinquished By: | <i>[Signature]</i> | Diana Denny | Enthalpy | 8/4/16 | 15:47 |
| 2 | Received By: | <i>[Signature]</i> | Hongling Cao | Enthalpy | 8/4/16 | 16:57 |
| 3 | Relinquished By: | | | | | |
| 3 | Received By: | | | | | |

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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **2** of **2**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:
 4 Day:
 1 Day:

3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| SS21A-2.5 | 08/04/16 | | Soil | 1 Jar | None |
| SS21B-0.5 | | | | | |
| SS21B-0.5DUP | | | | | |
| SS21B-1.5 | | | | | |
| SS21B-2.5 | | | | | |
| SS32C-0.5 | | | | | |
| SS32C-1.5 | | | | | |
| SS32C-2.5 | | | | | |
| SS32A-0.5 | | | | | |
| SS32A-1.5 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| <i>[Signature]</i> | Eric Friske | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Eric Friske | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | Eric Friske | Enthalpy | 8/4/16 15:57 |
| | | | |
| | | | |

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 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **3** of **3**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard:
 4 Day:
 1 Day: **X**

3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------|---------------|---------------|--------|----------------------|-------|
| SS32A-2.5 | 08/09/10 | 0747 | Soil | 1 300 | None |
| SS103C-0.5 | | 0800 | | | |
| SS103C-1.5 | | 0803 | | | |
| SS103C-2.5 | | 0806 | | | |
| SS103A-0.5 | | 0807 | | | |
| SS103A-1.5 | | 0802 | | | |
| SS103A-2.5 | | 0803 | | | |
| SS103B-0.5 | | 0808 | | | |
| SS103B-1.5 | | 0810 | | | |
| SS103B-2.5 | | 0811 | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-----------------|-----------------|---------------|
| | ERIC FRASKE | ALTA | 0804/16 14:26 |
| | Dennis Desimone | ENTHALPY | 8/14/16 14:20 |
| | Dennis Desimone | ENTHALPY | 8/14/16 15:47 |
| | Hankin Joe | | 8/14/16 15:57 |
| | | | |
| | | | |

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **4** of **4**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

PROJECT INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| 1 5596A-0.5 | 08/04/16 | 0820 | Soil | 1 Jar | N/A |
| 2 5596A-1.5 | | 0822 | | | |
| 3 5596A-2.5 | | 0823 | | | |
| 4 5596B-0.5 | | 0824 | | | |
| 5 5596B-1.5 | | 0825 | | | |
| 6 5596B-2.5 | | 0826 | | | |
| 7 5596C-0.5 | | 0819 | | | |
| 8 5596C-1.5 | | 0821 | | | |
| 9 5596C-2.5 | | 0822 | | | |
| 10 5596A-0.5 | | 0832 | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|------------------|-----------------|---------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 1420 |
| <i>[Signature]</i> | Dennis Dominguez | Enthalpy | 8/11/16 1420 |
| <i>[Signature]</i> | Dennis Dominguez | Enthalpy | 8/11/16 15:47 |
| <i>[Signature]</i> | Hongbin Cao | | 8/11/16 15:57 |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |

ENTHALPY ANALYTICAL, INC.

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Billing: Enthlapy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **6** of **6**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------|---------------|---------------|--------|----------------------|-------|
| SS95A-1.5 | 08/04/16 | 0835 | Soil | Jar | None |
| SS95A-2.5 | | 0837 | | | |
| SS95B-0.5 | | 0839 | | | |
| SS95B-1.5 | | 0840 | | | |
| SS95B-2.5 | | 0841 | | | |
| SS95C-0.5 | | 0832 | | | |
| SS95C-1.5 | | 0833 | | | |
| SS95C-2.5 | | 0835 | | | |
| SS101A-0.5 | | 0859 | | | |
| SS101A-1.5 | | 0900 | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|-----------------|----------------|
| | ERIC FRASKE | ALTA | 08/04/16 14:26 |
| | Dennis Downing | Enthalpy | 8/4/16 14:20 |
| | Hongling Cab | Enthalpy | 8/4/16 15:47 |
| | | | 8/4/16 15:51 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: 38162

Page: 6 of 6

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard:

2 Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

4 Day:

1 Day:

3 Day:

Same Day: X

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| | |
|----------------------|--|
| Lead (USEPA 6010B) | |
| Arsenic (USEPA 6020) | |

Test Instructions / Comments

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------|---------------|---------------|--------|----------------------|-------|
| SS101A-2.5 | 08/04/16 | 0901 | Soil | 1 Jar | None |
| SS101B-0.5 | | 0855 | | | |
| SS101B-1.5 | | 0857 | | | |
| SS101B-2.5 | | 0859 | | | |
| SS101C-0.5 | | 0850 | | | |
| SS101C-1.5 | | 0857 | | | |
| SS101C-2.5 | | 0853 | | | |
| SS102A-0.5 | | 0910 | | | |
| SS102A-1.5 | | 0912 | | | |
| SS102A-2.5 | | 0913 | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|----------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| <i>[Signature]</i> | Dennis Downing | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Dennis Downing | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | HONGJING CAO | " | 8/6/16 15:57 |
| | | | |
| | | | |

1 Relinquished By:
 1 Received By:
 2 Relinquished By:
 2 Received By:
 3 Relinquished By:
 3 Received By:

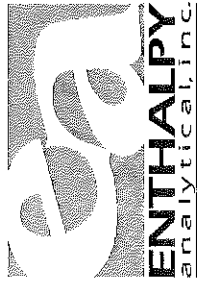
ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **7** of **7**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|------------------------------|
| SS102B-0.5 | 08/04/10 | 0908 | Soil | 1 JAC | NONE | |
| SS102B-1.5 | | 0910 | | | | Hold & Archive |
| SS102B-2.5 | | 0912 | | | | Hold & Archive |
| SS102C-0.5 | | 0914 | | | | |
| SS102C-0.5 DUP | | 0915 | | | | |
| SS102C-1.5 | | 0916 | | | | Hold & Archive |
| SS102C-2.5 | | 0917 | | | | Hold & Archive |
| SS1A-0.5 | | 0918 | | | | |
| SS1A-1.5 | | 0926 | | | | Hold & Archive |
| SS1A-2.5 | | 0927 | | | | Hold & Archive |

Signature

1 Relinquished By: *[Signature]*
 1 Received By: *[Signature]*
 2 Relinquished By: *[Signature]*
 2 Received By: *[Signature]*
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]*

Print Name

ERIC FRASKE
 Dennis Ramirez
 Dennis Ramirez
 Hongying Cao

Company / Title

ALTA
 Enthalpy
 Enthalpy
 "

Date / Time

08/04/10 17:20
 8/4/10 14:20
 9/4/10 15:47
 8/4/10 15:57

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **8** of **8**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

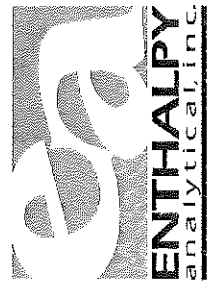
| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | | | |
|----------------------|--|-------------|-----------------------|---------------------|--|----------------|--|------------------|--|---------|--|------------------------------|--|--------|--|-------------------------------|--|
| Company: | Alta Environmental | Name: | Jefferson High School | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| | Long Beach, CA 90807 | | Los Angeles, CA | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| Phone: | 562-544-3910 | Global ID: | | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |
| Fax: | 562-495-5877 | Sampled By: | | Sample ID: | | Sampling Date: | | Sampling Time: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Lead (USEPA 6010B) | Arsenic (USEPA 6020) |
|---------------|---------------|---------------|--------|----------------------|-------|--------------------|----------------------|
| 1 SS1C-0.5 | 08/04/10 | 0929 | Soil | 1 JAR | None | X | X |
| 2 SS1C-0.5DUP | | 0930 | | | | X | X |
| 3 SS1C-1.5 | | 0931 | | | | | |
| 4 SS1C-2.5 | | 0932 | | | | X | |
| 5 SS2A-0.5 | | 0939 | | | | X | |
| 6 SS2A-1.5 | | 0940 | | | | | |
| 7 SS2A-2.5 | | 0942 | | | | | |
| 8 SS2B-0.5 | | 0944 | | | | X | |
| 9 SS2B-1.5 | | 0946 | | | | | |
| 10 SS2B-2.5 | | 0948 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/10 14:20 |
| <i>[Signature]</i> | Dennis Conway | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Dennis Conway | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | Hongying Cao | | 8/4/16 15:57 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **981162**
 Page: **9** of **9**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|-----------------------------|---------------------|-----------------|---------------------|--------------|------------|-------------|------------------|---------------|---------------|--------|------------------------------|-------|------------------|------------------------------|
| Company: | Name: | Address: | Global ID: | Name: | Address: | Global ID: | Sampled By: | Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
| Alta Environmental | Jefferson High School | 1319 E. 41st Street | Los Angeles, CA | Eric Fraske | LAUS-16-6101 | | | | | | | | | | |
| Report To: | Number: | P.O. #: | | | | | | | | | | | | | |
| Email: | eric.fraske@altaenviron.com | | | | | | | | | | | | | | |
| Address: | 3777 Long Beach Boulevard | | | | | | | | | | | | | | |
| | Long Beach, CA 90807 | | | | | | | | | | | | | | |
| Phone: | 562-544-3910 | | | | | | | | | | | | | | |
| Fax: | 562-495-5877 | | | | | | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| SS22C-0.5 | 08/04/16 | 0946 | SAL | 1 JAR | None | Lead (USEPA 6010B) X | Hold & Archive |
| SS22C-1.5 | | 0947 | | | | | Hold & Archive |
| SS22C-2.5 | | 0948 | | | | | |
| SS98B-0.5 | | 1013 | | | | | |
| SS98B-1.5 | | 1014 | | | | | |
| SS98B-2.5 | | 1017 | | | | | |
| SS98C-0.5 | | 1020 | | | | | |
| SS98C-1.5 | | 1022 | | | | | |
| SS98C-2.5 | | 1024 | | | | | |
| SS92 P-0.5 | | 1049 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|----------------|-----------------|--------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 8/4/16 14:20 |
| <i>[Signature]</i> | Dennis Darling | Enthalpy | 8/4/16 14:20 |
| <i>[Signature]</i> | Dennis Darling | Enthalpy | 8/4/16 15:47 |
| <i>[Signature]</i> | Hongling Cao | | 8/4/16 15:57 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**
 Page: **10** of **10**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

| | |
|----------------------|--|
| Lead (USEPA 6010B) | |
| Arsenic (USEPA 6020) | |

Test Instructions / Comments

| | |
|--|----------------|
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |
| | Hold & Archive |

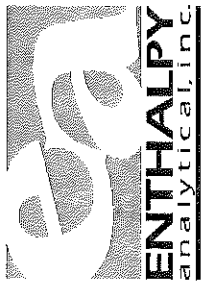
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|-----------------|---------------|---------------|--------|----------------------|-------|
| 1 SS92A-1.5 | 08/04/10 | | Soil | 1 JAR | None |
| 2 SS92A-2.5 | | | | | |
| 3 SS92B-0.5 | | | | | |
| 4 SS92B-0.5 DUP | | | | | |
| 5 SS92B-1.5 | | | | | |
| 6 SS92B-2.5 | | | | | |
| 7 SS92C-0.5 | | | | | |
| 8 SS92C-1.5 | | | | | |
| 9 SS92C-2.5 | | | | | |
| 10 SS93A-0.5 | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|-----------------|----------------|
| | ERIC FRASKE | ALTA | 08/04/10 14:20 |
| | Dennis Downing | Enthalphy | 8/24/16 14:20 |
| | Dennis Downing | Enthalphy | 9/4/16 15:47 |
| | Hongbin Cao | | 8/14/16 15:57 |
| | | | |
| | | | |

- 1 Relinquished By:
- 1 Received By:
- 2 Relinquished By:
- 2 Received By:
- 3 Relinquished By:
- 3 Received By:

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **11** of **12**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|------------------------------------|-----------------------|---------------------|------------|-----------------------|---------------------|------------|-------------|------------------|----------------------|-------|------------------|------------------------------|--|--|--|
| Company: | Name: | Address: | Global ID: | Name: | Address: | Global ID: | Sampled By: | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments | | | |
| Alta Environmental | Jefferson High School | 1319 E. 41st Street | | Jefferson High School | 1319 E. 41st Street | | | | | | | | | | |
| Report To: Eric Fraske | Number: LAUS-16-6101 | | | Number: LAUS-16-6101 | | | | | | | | | | | |
| Email: eric.fraske@altaenviron.com | P.O. #: | | | | | | | | | | | | | | |
| Address: 3777 Long Beach Boulevard | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Phone: 562-544-3910 | | | | | | | | | | | | | | | |
| Fax: 562-495-5877 | | | | | | | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS93A-1.5 | 08/01/16 | 1101 | Soil | 1 SAR | None | | Hold & Archive |
| 2 SS93A-2.5 | | 1105 | | | | | Hold & Archive |
| 3 SS93B-0.5 | | 1110 | | | | | Hold & Archive |
| 4 SS93B-1.5 | | 1112 | | | | | Hold & Archive |
| 5 SS93B-2.5 | | 1114 | | | | | Hold & Archive |
| 6 SS93C-0.5 | | 1116 | | | | | Hold & Archive |
| 7 SS93C-1.5 | | 1118 | | | | | Hold & Archive |
| 8 SS93C-2.5 | | 1119 | | | | | Hold & Archive |
| 9 SS38A-0.5 | | 1138 | | | | | Hold & Archive |
| 10 SS38A-0.5 DUO | | 1138 | | | | | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|------------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/2016 14:20 |
| <i>[Signature]</i> | Dennis Downey | Enthalpy | 8/16/16 14:20 |
| <i>[Signature]</i> | Dennis Downey | Enthalpy | 8/16/16 15:47 |
| <i>[Signature]</i> | Hongying Rao | Enthalpy | 8/16/16 15:57 |
| | | | |
| | | | |

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **12** of **12**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:
 4 Day:
 1 Day: **X**
 2 Day:
 3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------------------|
| | | | | | | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | |
| 1 5538A-1.5 | 08/09/16 | | Soil | 1 JTB | NONE | | | Hold & Archive |
| 2 5538A-2.5 | | | | | | X | | Hold & Archive |
| 3 5538B-0.5 | | | | | | | | |
| 4 5538B-1.5 | | | | | | X | | Hold & Archive |
| 5 5538B-2.5 | | | | | | | | |
| 6 5538C-0.5 | | | | | | X | | Hold & Archive |
| 7 5538C-1.5 | | | | | | | | |
| 8 5568A-0.5 | | | | | | | | |
| 9 5568A-1.5 | | | | | | X | | Hold & Archive |
| 10 5568A-2.5 | | | | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------|-----------------|----------------|
| [Signature] | ERIC FRASKE | ALTA | 08/04/16 14:20 |
| [Signature] | Dennis Deary | Enthalpy | 8/4/16 14:20 |
| [Signature] | Dennis Deary | Enthalpy | 8/4/16 15:47 |
| [Signature] | Hongling Cao | | 8/4/16 (15:57) |
| 1 Relinquished By: | | | |
| 1 Received By: | | | |
| 2 Relinquished By: | | | |
| 2 Received By: | | | |
| 3 Relinquished By: | | | |
| 3 Received By: | | | |

ENTHALPY ANALYTICAL, INC.

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 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **38162**
 Page: **13** of **13**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | | |
|------------------------------------|-----------------------|---------------------|-----------------|---------------------|---------------|---------------|-------------|------------------|----------------------|-------|----------------------|------------------------------|--|--|--|--|
| Company: | Name: | Address: | Global ID: | Sample ID | Sampling Date | Sampling Time | Sampled By: | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | | |
| Alta Environmental | Jefferson High School | 1319 E. 41st Street | Los Angeles, CA | | | | | | | | | | | | | |
| Report To: Eric Fraske | Number: LAUS-16-6101 | | | | | | | | | | | | | | | |
| Email: eric.fraske@altaenviron.com | P.O. #: | | | | | | | | | | | | | | | |
| Address: 3777 Long Beach Boulevard | | | | | | | | | | | | | | | | |
| Long Beach, CA 90807 | | | | | | | | | | | | | | | | |
| Phone: 562-544-3910 | | | | | | | | | | | | | | | | |
| Fax: 562-495-5877 | | | | | | | | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | | | | | | | |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|--|--|--|--|--|--|--|--|----------------|
| SS68B-0.5 | 08/04/10 | | Soil | 12oz | Nure | X | X | | | | | | | | | |
| SS68B-1.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS68B-2.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS68C-0.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS68C-1.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS68C-2.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS55A-0.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS55A-1.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS55A-2.5 | | | | | | | | | | | | | | | | Hold & Archive |
| SS55B-0.5 | | | | | | | | | | | | | | | | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|----------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/10 14:20 |
| <i>[Signature]</i> | Dennis Dearing | Enthalpy | 8/11/10 14:20 |
| <i>[Signature]</i> | Dennis Dearing | Enthalpy | 8/11/10 15:47 |
| <i>[Signature]</i> | Stacy Cab | | 8/11/10 10:57 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **381162**

Page: **14** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard:

2 Day:

4 Day:

1 Day:

3 Day:

Same Day:

X

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold & Archive
 Hold & Archive
 Hold & Archive
 Hold & Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------|---------------|---------------|--------|----------------------|-------|
| SS55B-1.5 | 08/01/16 | 1345 | Soil | 1 Jar | N/A |
| SS55B-2.5 | | 1347 | | | |
| SS55C-0.5 | | 1338 | | | |
| SS55C-1.5 | | 1341 | | | |
| SS55C-2.5 | | 1348 | | | |
| EOBL0204-1 | | 1400 | H2O | 1 Bottle | N/A |
| EOBL0204-2 | | 1400 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:00 |
| <i>[Signature]</i> | Dennis Doney | Enthalpy | 8/9/16 - 14:20 |
| <i>[Signature]</i> | Dennis Doney | Enthalpy | 8/4/16 - 15:47 |
| <i>[Signature]</i> | Hongying Chen | | 8/4/16 15:57 |
| | | | |
| | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: AVTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL

Date Received: 8/04/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 3 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 3.4°C #2: 3.3°C #3: 3.5°C #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 2.4°C #2: 1.6°C #3: 3.2°C #4: _____

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | | <input checked="" type="checkbox"/> | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |

Section 4

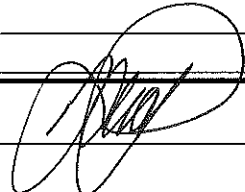
Explanations/Comments: RECEIVED (2) CONTAINERS FOR "SS93A-2.5". ID WAS CHANGED ON (1) OF THE CONTAINERS TO CONCLUDE WITH SAMPLING TIMES.

Section 5

Was the Project Manager notified via email of discrepancies: Yes No N/A

Was the email sent to: R.C.

Project Manager's response: _____

Completed By:  Date: 8/04/16

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Thursday, September 08, 2016 10:15 AM
To: Ranjit Clarke
Subject: Thomas Jefferson High School

Hi Ranjit,

Please run the following two samples for arsenic by EPA Method 6020 on a Rush 24-hour basis.

- Sample SS88C-1.5 collected on 8/5/2016 from lab report 381187
- Sample SS95B-0.5 collected on 8/4/2016 from lab report 381162

Please let me know if you need any additional information.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381162
Report Date: 08/05/2016
Date Received: 08/04/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Some sampling times are not listed on the COC. For these samples, the times were taken from the sample jars.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAP are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 381162-001 | SS22A-0.5 | 381162-025 | SS103A-0.5 | 381162-049 | SS101A-0.5 |
| 381162-002 | SS22A-1.5 | 381162-026 | SS103A-1.5 | 381162-050 | SS101A-1.5 |
| 381162-003 | SS22C-0.5 | 381162-027 | SS103A-2.5 | 381162-051 | SS101A-2.5 |
| 381162-004 | SS22C-1.5 | 381162-028 | SS103B-0.5 | 381162-052 | SS101B-0.5 |
| 381162-005 | SS22B-0.5 | 381162-029 | SS103B-1.5 | 381162-053 | SS101B-1.5 |
| 381162-006 | SS21C-0.5 | 381162-030 | SS103B-2.5 | 381162-054 | SS101B-2.5 |
| 381162-007 | SS21C-1.5 | 381162-031 | SS96A-0.5 | 381162-055 | SS101C-0.5 |
| 381162-008 | SS21C-2.5 | 381162-032 | SS96A-1.5 | 381162-056 | SS101C-1.5 |
| 381162-009 | SS21A-0.5 | 381162-033 | SS96A-2.5 | 381162-057 | SS101C-2.5 |
| 381162-010 | SS21A-1.5 | 381162-034 | SS96B-0.5 | 381162-058 | SS102A-0.5 |
| 381162-011 | SS21A-2.5 | 381162-035 | SS96B-1.5 | 381162-059 | SS102A-1.5 |
| 381162-012 | SS21B-0.5 | 381162-036 | SS96B-2.5 | 381162-060 | SS102A-2.5 |
| 381162-013 | SS21B-0.5 DUP | 381162-037 | SS96C-0.5 | 381162-061 | SS102B-0.5 |
| 381162-014 | SS21B-1.5 | 381162-038 | SS96C-1.5 | 381162-062 | SS102B-1.5 |
| 381162-015 | SS21B-2.5 | 381162-039 | SS96C-2.5 | 381162-063 | SS102B-2.5 |
| 381162-016 | SS32C-0.5 | 381162-040 | SS95A-0.5 | 381162-064 | SS102C-0.5 |
| 381162-017 | SS32C-1.5 | 381162-041 | SS95A-1.5 | 381162-065 | SS102C-0.5 DUP |
| 381162-018 | SS32C-2.5 | 381162-042 | SS95A-2.5 | 381162-066 | SS102C-1.5 |
| 381162-019 | SS32A-0.5 | 381162-043 | SS95B-0.5 | 381162-067 | SS102C-2.5 |
| 381162-020 | SS32A-1.5 | 381162-044 | SS95B-1.5 | 381162-068 | SS1A-0.5 |
| 381162-021 | SS32A-2.5 | 381162-045 | SS95B-2.5 | 381162-069 | SS1A-1.5 |
| 381162-022 | SS103C-0.5 | 381162-046 | SS95C-0.5 | 381162-070 | SS1A-2.5 |
| 381162-023 | SS103C-1.5 | 381162-047 | SS95C-1.5 | 381162-071 | SS1C-0.5 |
| 381162-024 | SS103C-2.5 | 381162-048 | SS95C-2.5 | 381162-072 | SS1C-0.5 DUP |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:10 | Site: | |
| Sample #: <u>381162-001</u> | Client Sample #: SS22A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 68.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:11 | Site: | |
| Sample #: <u>381162-002</u> | Client Sample #: SS22A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:10 | Site: | |
| Sample #: <u>381162-003</u> | Client Sample #: SS22C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 59.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:12 | Site: | |
| Sample #: <u>381162-004</u> | Client Sample #: SS22C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:15 | Site: | |
| Sample #: <u>381162-005</u> | Client Sample #: SS22B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 47.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:22 | Site: | |
| Sample #: <u>381162-006</u> | Client Sample #: SS21C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 131 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:24 | Site: | |
| Sample #: <u>381162-007</u> | Client Sample #: SS21C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:26 | Site: | |
| Sample #: <u>381162-008</u> | Client Sample #: SS21C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:26 | Site: | |
| Sample #: <u>381162-009</u> | Client Sample #: SS21A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 14.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:27 | Site: | |
| Sample #: <u>381162-010</u> | Client Sample #: SS21A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:28 | Site: | |
| Sample #: <u>381162-011</u> | Client Sample #: SS21A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:28 | Site: | |
| Sample #: <u>381162-012</u> | Client Sample #: SS21B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 17.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:29 | Site: | |
| Sample #: <u>381162-013</u> | Client Sample #: SS21B-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 27.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:31 | Site: | |
| Sample #: <u>381162-014</u> | Client Sample #: SS21B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:32 | Site: | |
| Sample #: <u>381162-015</u> | Client Sample #: SS21B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:43 | Site: | |
| Sample #: <u>381162-016</u> | Client Sample #: SS32C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 73.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:45 | Site: | |
| Sample #: <u>381162-017</u> | Client Sample #: SS32C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:49 | Site: | |
| Sample #: <u>381162-018</u> | Client Sample #: SS32C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:45 | Site: | |
| Sample #: <u>381162-019</u> | Client Sample #: SS32A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 201 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:46 | Site: | |
| Sample #: <u>381162-020</u> | Client Sample #: SS32A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 07:47 | Site: | |
| Sample #: <u>381162-021</u> | Client Sample #: SS32A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:00 | Site: | |
| Sample #: <u>381162-022</u> | Client Sample #: SS103C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 144 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:03 | Site: | |
| Sample #: <u>381162-023</u> | Client Sample #: SS103C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:06 | Site: | |
| Sample #: <u>381162-024</u> | Client Sample #: SS103C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:07 | Site: | |
| Sample #: <u>381162-025</u> | Client Sample #: SS103A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 36.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:02 | Site: | |
| Sample #: <u>381162-026</u> | Client Sample #: SS103A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:03 | Site: | |
| Sample #: <u>381162-027</u> | Client Sample #: SS103A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:08 | Site: | |
| Sample #: <u>381162-028</u> | Client Sample #: SS103B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 116 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:10 | Site: | |
| Sample #: <u>381162-029</u> | Client Sample #: SS103B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:11 | Site: | |
| Sample #: <u>381162-030</u> | Client Sample #: SS103B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:20 | Site: | |
| Sample #: <u>381162-031</u> | Client Sample #: SS96A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 49.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:22 | Site: | |
| Sample #: <u>381162-032</u> | Client Sample #: SS96A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:23 | Site: | |
| Sample #: <u>381162-033</u> | Client Sample #: SS96A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:24 | Site: | |
| Sample #: <u>381162-034</u> | Client Sample #: SS96B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 46.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:25 | Site: | |
| Sample #: <u>381162-035</u> | Client Sample #: SS96B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:26 | Site: | |
| Sample #: <u>381162-036</u> | Client Sample #: SS96B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:19 | Site: | |
| Sample #: <u>381162-037</u> | Client Sample #: SS96C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 602 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:21 | Site: | |
| Sample #: <u>381162-038</u> | Client Sample #: SS96C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:22 | Site: | |
| Sample #: <u>381162-039</u> | Client Sample #: SS96C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:32 | Site: | |
| Sample #: <u>381162-040</u> | Client Sample #: SS95A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169680 | |
| Lead | 132 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:35 | Site: | |
| Sample #: <u>381162-041</u> | Client Sample #: SS95A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:37 | Site: | |
| Sample #: <u>381162-042</u> | Client Sample #: SS95A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:39 | Site: | |
| Sample #: <u>381162-043</u> | Client Sample #: SS95B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 58.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:40 | Site: | |
| Sample #: <u>381162-044</u> | Client Sample #: SS95B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:41 | Site: | |
| Sample #: <u>381162-045</u> | Client Sample #: SS95B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:32 | Site: | |
| Sample #: <u>381162-046</u> | Client Sample #: SS95C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 59.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:33 | Site: | |
| Sample #: <u>381162-047</u> | Client Sample #: SS95C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:35 | Site: | |
| Sample #: <u>381162-048</u> | Client Sample #: SS95C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:59 | Site: | |
| Sample #: <u>381162-049</u> | Client Sample #: SS101A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169688 |
| Lead | 27.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169705 |
| Arsenic | 10.6 | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:00 | Site: | |
| Sample #: <u>381162-050</u> | Client Sample #: SS101A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:01 | Site: | |
| Sample #: <u>381162-051</u> | Client Sample #: SS101A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:55 | Site: | |
| Sample #: <u>381162-052</u> | Client Sample #: SS101B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169688 |
| Lead | 5.99 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169705 |
| Arsenic | 17.6 | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:57 | Site: | |
| Sample #: <u>381162-053</u> | Client Sample #: SS101B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:59 | Site: | |
| Sample #: <u>381162-054</u> | Client Sample #: SS101B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:50 | Site: | |
| Sample #: <u>381162-055</u> | Client Sample #: SS101C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169688 |
| Lead | 0.71 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1169705 |
| Arsenic | 3.30 J | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH J |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:51 | Site: | |
| Sample #: <u>381162-056</u> | Client Sample #: SS101C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 08:53 | Site: | |
| Sample #: <u>381162-057</u> | Client Sample #: SS101C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:10 | Site: | |
| Sample #: <u>381162-058</u> | Client Sample #: SS102A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 74.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:12 | Site: | |
| Sample #: <u>381162-059</u> | Client Sample #: SS102A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:13 | Site: | |
| Sample #: <u>381162-060</u> | Client Sample #: SS102A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:08 | Site: | |
| Sample #: <u>381162-061</u> | Client Sample #: SS102B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 3.04 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:10 | Site: | |
| Sample #: <u>381162-062</u> | Client Sample #: SS102B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:12 | Site: | |
| Sample #: <u>381162-063</u> | Client Sample #: SS102B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:14 | Site: | |
| Sample #: <u>381162-064</u> | Client Sample #: SS102C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 54.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|--|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:15 | Site: | |
| Sample #: <u>381162-065</u> | Client Sample #: SS102C-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 22.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:16 | Site: | |
| Sample #: <u>381162-066</u> | Client Sample #: SS102C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:17 | Site: | |
| Sample #: <u>381162-067</u> | Client Sample #: SS102C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:25 | Site: | |
| Sample #: <u>381162-068</u> | Client Sample #: SS1A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 169 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:26 | Site: | |
| Sample #: <u>381162-069</u> | Client Sample #: SS1A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:27 | Site: | |
| Sample #: <u>381162-070</u> | Client Sample #: SS1A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:29 | Site: | |
| Sample #: <u>381162-071</u> | Client Sample #: SS1C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 70.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:30 | Site: | |
| Sample #: <u>381162-072</u> | Client Sample #: SS1C-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | | |
| Lead | 12.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:31 | Site: | |
| Sample #: <u>381162-073</u> | Client Sample #: SS1C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:32 | Site: | |
| Sample #: <u>381162-074</u> | Client Sample #: SS1C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:39 | Site: | |
| Sample #: <u>381162-075</u> | Client Sample #: SS2A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | | |
| Lead | 174 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:40 | Site: | |
| Sample #: <u>381162-076</u> | Client Sample #: SS2A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:42 | Site: | |
| Sample #: <u>381162-077</u> | Client Sample #: SS2A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:44 | Site: | |
| Sample #: <u>381162-078</u> | Client Sample #: SS2B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | | |
| Lead | 28.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:46 | Site: | |
| Sample #: <u>381162-079</u> | Client Sample #: SS2B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:48 | Site: | |
| Sample #: <u>381162-080</u> | Client Sample #: SS2B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:46 | Site: | |
| Sample #: <u>381162-081</u> | Client Sample #: SS2C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 27.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:47 | Site: | |
| Sample #: <u>381162-082</u> | Client Sample #: SS2C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 09:48 | Site: | |
| Sample #: <u>381162-083</u> | Client Sample #: SS2C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:13 | Site: | |
| Sample #: <u>381162-084</u> | Client Sample #: SS98B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 27.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:14 | Site: | |
| Sample #: <u>381162-085</u> | Client Sample #: SS98B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:17 | Site: | |
| Sample #: <u>381162-086</u> | Client Sample #: SS98B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:20 | Site: | |
| Sample #: <u>381162-087</u> | Client Sample #: SS98C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 24.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:22 | Site: | |
| Sample #: <u>381162-088</u> | Client Sample #: SS98C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:24 | Site: | |
| Sample #: <u>381162-089</u> | Client Sample #: SS98C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:49 | Site: | |
| Sample #: <u>381162-090</u> | Client Sample #: SS92A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 31.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:51 | Site: | |
| Sample #: <u>381162-091</u> | Client Sample #: SS92A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:53 | Site: | |
| Sample #: <u>381162-092</u> | Client Sample #: SS92A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:43 | Site: | |
| Sample #: <u>381162-093</u> | Client Sample #: SS92B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 21.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:44 | Site: | |
| Sample #: <u>381162-094</u> | Client Sample #: SS92B-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169688 | |
| Lead | 23.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:45 | Site: | |
| Sample #: <u>381162-095</u> | Client Sample #: SS92B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:47 | Site: | |
| Sample #: <u>381162-096</u> | Client Sample #: SS92B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:59 | Site: | |
| Sample #: <u>381162-097</u> | Client Sample #: SS92C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 55.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:00 | Site: | |
| Sample #: <u>381162-098</u> | Client Sample #: SS92C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:01 | Site: | |
| Sample #: <u>381162-099</u> | Client Sample #: SS92C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 10:59 | Site: | |
| Sample #: <u>381162-100</u> | Client Sample #: SS93A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 204 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:01 | Site: | |
| Sample #: <u>381162-101</u> | Client Sample #: SS93A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:05 | Site: | |
| Sample #: <u>381162-102</u> | Client Sample #: SS93A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:10 | Site: | |
| Sample #: <u>381162-103</u> | Client Sample #: SS93B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 113 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:12 | Site: | |
| Sample #: <u>381162-104</u> | Client Sample #: SS93B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:14 | Site: | |
| Sample #: <u>381162-105</u> | Client Sample #: SS93B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:16 | Site: | |
| Sample #: <u>381162-106</u> | Client Sample #: SS93C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 75.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:18 | Site: | |
| Sample #: <u>381162-107</u> | Client Sample #: SS93C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:19 | Site: | |
| Sample #: <u>381162-108</u> | Client Sample #: SS93C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:38 | Site: | |
| Sample #: <u>381162-109</u> | Client Sample #: SS38A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 26.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:38 | Site: | |
| Sample #: <u>381162-110</u> | Client Sample #: SS38A-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 28.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:39 | Site: | |
| Sample #: <u>381162-111</u> | Client Sample #: SS38A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:40 | Site: | |
| Sample #: <u>381162-112</u> | Client Sample #: SS38A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:44 | Site: | |
| Sample #: <u>381162-113</u> | Client Sample #: SS38B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 34.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:46 | Site: | |
| Sample #: <u>381162-114</u> | Client Sample #: SS38B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:48 | Site: | |
| Sample #: <u>381162-115</u> | Client Sample #: SS38B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:36 | Site: | |
| Sample #: <u>381162-116</u> | Client Sample #: SS38C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 71.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 11:38 | Site: | |
| Sample #: <u>381162-117</u> | Client Sample #: SS38C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:24 | Site: | |
| Sample #: <u>381162-118</u> | Client Sample #: SS68A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:25 | Site: | |
| Sample #: <u>381162-119</u> | Client Sample #: SS68A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169691 | |
| Lead | 5.41 | 1 | 0.32 | 0.5 | mg/Kg | 08/04/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:26 | Site: | |
| Sample #: <u>381162-120</u> | Client Sample #: SS68A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:26 | Site: | |
| Sample #: <u>381162-121</u> | Client Sample #: SS68B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169700 | |
| Lead | 81.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:29 | Site: | |
| Sample #: <u>381162-122</u> | Client Sample #: SS68B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:30 | Site: | |
| Sample #: <u>381162-123</u> | Client Sample #: SS68B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:22 | Site: | |
| Sample #: <u>381162-124</u> | Client Sample #: SS68C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169700 | |
| Lead | 125 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/05/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:23 | Site: | |
| Sample #: <u>381162-125</u> | Client Sample #: SS68C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:24 | Site: | |
| Sample #: <u>381162-126</u> | Client Sample #: SS68C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:47 | Site: | |
| Sample #: <u>381162-127</u> | Client Sample #: SS55A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169705 | |
| Arsenic | 2.28 J | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:48 | Site: | |
| Sample #: <u>381162-128</u> | Client Sample #: SS55A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:49 | Site: | |
| Sample #: <u>381162-129</u> | Client Sample #: SS55A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:44 | Site: | |
| Sample #: <u>381162-130</u> | Client Sample #: SS55B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169705 | |
| Arsenic | 2.62 J | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:45 | Site: | |
| Sample #: <u>381162-131</u> | Client Sample #: SS55B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:47 | Site: | |
| Sample #: <u>381162-132</u> | Client Sample #: SS55B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:38 | Site: | |
| Sample #: <u>381162-133</u> | Client Sample #: SS55C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169705 | |
| Arsenic | 12.8 | 20 | 0.4 | 6 | mg/Kg | 08/04/16 | 08/05/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:41 | Site: | |
| Sample #: <u>381162-134</u> | Client Sample #: SS55C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 13:43 | Site: | |
| Sample #: <u>381162-135</u> | Client Sample #: SS55C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 14:00 | Site: | |
| Sample #: <u>381162-136</u> | Client Sample #: EQBL0804-1 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169683 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/04/16 | 08/05/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169706 | | |
| Arsenic | ND | 2 | 0.26 | 4 | ug/L | 08/04/16 | 08/05/16 | MH | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/04/2016 14:00 | Site: | |
| Sample #: <u>381162-137</u> | Client Sample #: EQBL0804-2 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169683 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/04/16 | 08/05/16 | JN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169706 | | |
| Arsenic | ND | 2 | 0.26 | 4 | ug/L | 08/04/16 | 08/05/16 | MH | |

| | | |
|--------------------------------------|-----------------------------|----------------------------------|
| QC Batch ID: <u>QC1169680</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169680MB1 | | | | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Zinc | 6.88 | mg/Kg | 0.28 | 5 | B |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169680LCS1 | | | | | | | | | | | |
| Cadmium | 200 | | 210 | | mg/Kg | 105 | | | 80-120 | | |
| Lead | 200 | | 221 | | mg/Kg | 111 | | | 80-120 | | |
| Zinc | 200 | | 209 | | mg/Kg | 105 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169680MS1, QC1169680MSD1 | | | | | | | | | | | | |
| | | | | | | | | | | | Source: 381162-001 | |
| Cadmium | 0.78 | 100 | 100 | 110 | 102 | mg/Kg | 109 | 101 | 7.5 | 75-125 | 20 | |
| Lead | 68.8 | 100 | 100 | 198 | 180 | mg/Kg | 129 | 111 | 9.5 | 75-125 | 20 | M |
| Zinc | 122 | 100 | 100 | 248 | 226 | mg/Kg | 126 | 104 | 9.3 | 75-125 | 20 | M |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169683</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Water | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-------|-------|
| QC1169683MB1 | | | | | |
| Lead | ND | mg/L | 0.004 | 0.005 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169683LCS1 | | | | | | | | | | | |
| Lead | 2 | | 2.01 | | mg/L | 101 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169683MS1, QC1169683MSD1 | | | | | | | | | | | | |
| Lead | ND | 1 | 1 | 1.05 | 1.04 | mg/L | 105 | 104 | 1.0 | 75-125 | 20 | Source: 381162-137 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169688</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169688MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169688LCS1 | | | | | | | | | | | |
| Lead | 200 | | 218 | | mg/Kg | 109 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169688MS1, QC1169688MSD1 | | | | | | | | | | | | |
| Lead | 58.4 | 100 | 100 | 172 | 162 | mg/Kg | 114 | 104 | 6.0 | 75-125 | 20 | Source: 381162-043 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169691</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169691MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | 9.39 | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169691LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 216 | | mg/Kg | 108 | | | 80-120 | | |
| Arsenic | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Barium | 200 | | 193 | | mg/Kg | 97 | | | 80-120 | | |
| Beryllium | 200 | | 193 | | mg/Kg | 97 | | | 80-120 | | |
| Cadmium | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Chromium | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Cobalt | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Copper | 200 | | 184 | | mg/Kg | 92 | | | 80-120 | | |
| Lead | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Molybdenum | 200 | | 208 | | mg/Kg | 104 | | | 80-120 | | |
| Nickel | 200 | | 197 | | mg/Kg | 99 | | | 80-120 | | |
| Selenium | 200 | | 184 | | mg/Kg | 92 | | | 80-120 | | |
| Silver | 200 | | 174 | | mg/Kg | 87 | | | 80-120 | | |
| Thallium | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Vanadium | 200 | | 189 | | mg/Kg | 95 | | | 80-120 | | |
| Zinc | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169691MS1, QC1169691MSD1 | | | | | | | | | | | Source: 381162-100 | |
| Antimony | ND | 100 | 100 | 27.8 | 30.8 | mg/Kg | 29 | 32 | 10.2 | 75-125 | 20 | M |
| Arsenic | 12.7 | 100 | 100 | 110 | 118 | mg/Kg | 97 | 105 | 7.0 | 75-125 | 20 | |
| Barium | 72.5 | 100 | 100 | 172 | 180 | mg/Kg | 100 | 108 | 4.5 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 95.6 | 104 | mg/Kg | 97 | 105 | 8.4 | 75-125 | 20 | |
| Cadmium | 0.67 | 100 | 100 | 100 | 106 | mg/Kg | 99 | 105 | 5.8 | 75-125 | 20 | |
| Chromium | 16.6 | 100 | 100 | 112 | 118 | mg/Kg | 95 | 101 | 5.2 | 75-125 | 20 | |
| Cobalt | 6.24 | 100 | 100 | 103 | 109 | mg/Kg | 97 | 103 | 5.7 | 75-125 | 20 | |
| Copper | 22.2 | 100 | 100 | 120 | 125 | mg/Kg | 98 | 103 | 4.1 | 75-125 | 20 | |
| Lead | 204 | 100 | 100 | 218 | 236 | mg/Kg | 14 | 32 | 7.9 | 75-125 | 20 | M |

QCBatchID: **QC1169691**

Analyst: dswafford

Method: EPA 6010B

Matrix: Solid

Analyzed: 08/05/2016

Instrument: AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169691MS1, QC1169691MSD1 | | | | | | | | | | | Source: 381162-100 | |
| Molybdenum | 0.83 | 100 | 100 | 92.8 | 101 | mg/Kg | 92 | 100 | 8.5 | 75-125 | 20 | |
| Nickel | 9.81 | 100 | 100 | 111 | 121 | mg/Kg | 101 | 111 | 8.6 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 91.2 | 100 | mg/Kg | 94 | 103 | 9.2 | 75-125 | 20 | |
| Silver | ND | 100 | 100 | 87.8 | 91.7 | mg/Kg | 90 | 94 | 3.6 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 90.7 | 99.6 | mg/Kg | 93 | 102 | 9.4 | 75-125 | 20 | |
| Vanadium | 24.9 | 100 | 100 | 122 | 130 | mg/Kg | 97 | 105 | 6.3 | 75-125 | 20 | |
| Zinc | 207 | 100 | 100 | 276 | 285 | mg/Kg | 69 | 78 | 3.2 | 75-125 | 20 | M |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169700</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169700MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169700LCS1 | | | | | | | | | | | |
| Lead | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169700MS1, QC1169700MSD1 | | | | | | | | | | | | |
| Lead | 81.5 | 100 | 100 | 172 | 190 | mg/Kg | 91 | 109 | 9.9 | 75-125 | 20 | Source: 381162-121 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169705</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169705MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169705LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 55.2 | | mg/Kg | 110 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169705MS1, QC1169705MSD1 | | | | | | | | | | | | |
| Arsenic | 10.6 | 50 | 50 | 66.0 | 66.2 | mg/Kg | 111 | 111 | 0.3 | 75-125 | 20 | Source: 381162-049 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169706</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Water | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169706MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169706LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 43.5 | | ug/L | 87 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169706MS1, QC1169706MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 42.0 | 41.2 | ug/L | 84 | 82 | 1.9 | 75-125 | 20 | Source: 381162-137 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Monrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

| | | | | | |
|---------|--------|----|-----------|--------|-----------|
| Lab No: | 981162 | | Standard: | 4 Day: | 3 Day: |
| Page: | 1 | of | 2 Day: | X | Same Day: |

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| | | | |
|------------|-----------------------------|-------------|-----------------------|
| Company: | Alta Environmental | Name: | Jefferson High School |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 |
| Email: | eric.fraske@altaenviron.com | P.O. #: | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street |
| | Long Beach, CA 90807 | | Los Angeles, CA |
| Phone: | 562-544-3910 | Global ID: | |
| Fax: | 562-495-5877 | Sampled By: | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 SS22A-0.5 | 08/04/16 | 0710 | Soil | 1 Sec | Narc | Arsenic (USEPA 6020) Lead (USEPA 6010B) | |
| 2 SS22A-1.5 | | 0711 | | | | | Hold & Archive |
| 3 SS22C-0.5 | | 0710 | | | | | |
| 4 SS22C-1.5 | | 0712 | | | | | Hold & Archive |
| 5 SS22B-0.5 | | 0715 | | | | | |
| 6 SS21C-0.5 | | 0722 | | | | | |
| 7 SS21C-1.5 | | 0724 | | | | | Hold & Archive |
| 8 SS21C-2.5 | | 0726 | | | | | Hold & Archive |
| 9 SS21A-0.5 | | 0726 | | | | | |
| 10 SS21A-1.5 | | 0727 | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|---------------|-----------------|----------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:28 |
| 2 Relinquished By: | <i>[Signature]</i> | Dennis Demery | Enthalpy | 8/16/16 14:28 |
| 3 Relinquished By: | <i>[Signature]</i> | Dave Demery | Enthalpy | 8/16/16 15:47 |
| 3 Relinquished By: | <i>[Signature]</i> | Harpling Lee | Enthalpy | 8/16/16 15:57 |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **381162** Standard: 4 Day: 3 Day:
 Page: **2** of 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 SS21A-2.5 | 08/24/16 | | Soil | 1 Jar | N/A | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold & Archive |
| 2 SS21B-0.5 | | | | | | | |
| 3 SS21B-0.5 DUP | | | | | | | |
| 4 SS21B-1.5 | | | | | | | Hold & Archive |
| 5 SS21B-2.5 | | | | | | | Hold & Archive |
| 6 SS32C-0.5 | | | | | | | Hold & Archive |
| 7 SS32C-1.5 | | | | | | | Hold & Archive |
| 8 SS32C-2.5 | | | | | | | Hold & Archive |
| 9 SS32A-0.5 | | | | | | | |
| 10 SS32A-1.5 | | | | | | | Hold & Archive |
| Signature | | Print Name | | Company / Title | | Date / Time | |
| Eric Fraske | | ERIC FRASKE | | ALTA | | 08/24/16 17:20 | |
| Eric Fraske | | Eric Fraske | | Enthalphy | | 8/24/16 14:20 | |
| Eric Fraske | | Eric Fraske | | Enthalphy | | 8/24/16 15:47 | |
| Eric Fraske | | Eric Fraske | | Enthalphy | | 8/24/16 15:57 | |
| Eric Fraske | | Eric Fraske | | Enthalphy | | 8/24/16 15:57 | |

ENTHALPHY ANALYTICAL, INC.

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 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **38162**
 Page: **3** of **3**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------------------------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS32A-2.5 | 08/04/16 | 0747 | Soil | 1 5L | None | | Hold & Archive |
| 2 SS32A SS103C-0.5 | | 0800 | | | | X | Hold & Archive |
| 3 SS103C-1.5 | | 0803 | | | | | Hold & Archive |
| 4 SS103C-2.5 | | 0806 | | | | | Hold & Archive |
| 5 SS103A-0.5 | | 0807 | | | | X | Hold & Archive |
| 6 SS103A-1.5 | | 0802 | | | | | Hold & Archive |
| 7 SS103A-2.5 | | 0803 | | | | | Hold & Archive |
| 8 SS103B-0.5 | | 0808 | | | | X | Hold & Archive |
| 9 SS103B-1.5 | | 0810 | | | | | Hold & Archive |
| 10 SS103B-2.5 | | 0811 | | | | | Hold & Archive |
| Signature | | Print Name | | Company / Title | | Date / Time | |
| 1 Relinquished By: <i>[Signature]</i> | | ERIC FRASKE | | ALTA | | 08/04/16 14:26 | |
| 1 Received By: <i>[Signature]</i> | | DENNIS DENNY | | ENTHALPHY | | 8/4/16 14:28 | |
| 2 Relinquished By: <i>[Signature]</i> | | DENNIS DENNY | | ENTHALPHY | | 8/4/16 15:47 | |
| 2 Received By: <i>[Signature]</i> | | DENNIS DENNY | | ENTHALPHY | | 8/4/16 15:57 | |
| 3 Relinquished By: <i>[Signature]</i> | | | | | | | |
| 3 Received By: <i>[Signature]</i> | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 381162
 Page: 4 of 2 Day: 1 Day: X Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------------|---------------|--------------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 08/16/16 | 0820 | Soil | 1 Jar | None | X | Hold & Archive |
| 2 | | 0822 | | | | | Hold & Archive |
| 3 | | 0823 | | | | | Hold & Archive |
| 4 | | 0824 | | | | X | Hold & Archive |
| 5 | | 0825 | | | | | Hold & Archive |
| 6 | | 0826 | | | | | Hold & Archive |
| 7 | | 0819 | | | | X | Hold & Archive |
| 8 | | 0821 | | | | | Hold & Archive |
| 9 | | 0822 | | | | | Hold & Archive |
| 10 | | 0832 | | | | X | Hold & Archive |
| Relinquished By: | | Signature | | Print Name | | Company / Title | |
| 1 Received By: | | <i>[Signature]</i> | | ERIC FRASKE | | ACTA | |
| 2 Relinquished By: | | <i>[Signature]</i> | | DENNIS DENNEY | | ENTHALPHY | |
| 3 Received By: | | <i>[Signature]</i> | | HONG LING CAB | | ENTHALPHY | |
| 3 Relinquished By: | | <i>[Signature]</i> | | | | | |
| 3 Received By: | | <i>[Signature]</i> | | | | | |

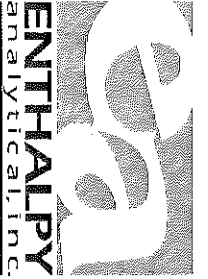
ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

381162

Turn Around Time (Rush by advanced notice only)

Page: 5

of

Standard: 2 Day:

4 Day:

3 Day: X

1 Day: Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviron.com

Address: 3777 Long Beach Boulevard

Phone: Long Beach, CA 90807

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #: 1319 E. 41st Street

Address: Los Angeles, CA

Global ID:

Sampled By:

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Company / Title | Date / Time |
|--------------------|---------------|--------------------|--------|----------------------|-------|----------------------|--------------------|-----------------|----------------|
| 1 | SS95A-1.5 | 08/04/16 | 0835 | 30.1 | 1 Jar | None | | | Hold & Archive |
| 2 | SS95A-2.5 | | 0837 | | | | | | Hold & Archive |
| 3 | SS95B-0.5 | | 0839 | | | X | | | Hold & Archive |
| 4 | SS95B-1.5 | | 0840 | | | | | | Hold & Archive |
| 5 | SS95B-2.5 | | 0841 | | | | | | Hold & Archive |
| 6 | SS95C-0.5 | | 0832 | | | X | | | Hold & Archive |
| 7 | SS95C-1.5 | | 0833 | | | | | | Hold & Archive |
| 8 | SS95C-2.5 | | 0835 | | | | | | Hold & Archive |
| 9 | SS101A-0.5 | | 0859 | | | X | | | Hold & Archive |
| 10 | SS101A-1.5 | | 0900 | | | | | | Hold & Archive |
| | | Signature | | Print Name | | Company / Title | | Date / Time | |
| 1 Relinquished By: | | <i>[Signature]</i> | | ERIC FRASKE | | MTA | | 08/04/16 14:28 | |
| 1 Received By: | | <i>[Signature]</i> | | Dennis Downing | | Enthalphy | | 8/4/16 14:30 | |
| 2 Relinquished By: | | <i>[Signature]</i> | | Dennis Downing | | Enthalphy | | 8/4/16 15:47 | |
| 2 Received By: | | <i>[Signature]</i> | | Hongying Gao | | | | 8/10/16 15:51 | |
| 3 Relinquished By: | | | | | | | | | |
| 3 Received By: | | | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **98162**

Page: **6** of **6**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviiron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: S01
 Container No./Size: 1 500ml
 Pres.: None

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| 1 S3101A-2.5 | 08/04/16 | 0901 | S01 | 1 500ml | None | | Hold & Archive |
| 2 S3101B-0.5 | | 0855 | | | | | Hold & Archive |
| 3 S3101B-1.5 | | 0857 | | | | | Hold & Archive |
| 4 S3101B-2.5 | | 0859 | | | | | Hold & Archive |
| 5 S3101C-0.5 | | 0850 | | | | | Hold & Archive |
| 6 S3101C-1.5 | | 0851 | | | | | Hold & Archive |
| 7 S3101C-2.5 | | 0853 | | | | | Hold & Archive |
| 8 S3102A-0.5 | | 0910 | | | | | Hold & Archive |
| 9 S3102A-1.5 | | 0912 | | | | | Hold & Archive |
| 10 S3102A-2.5 | | 0913 | | | | | Hold & Archive |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|---------------|-----------------|----------------|
| 1 Relinquished By: | <i>[Signature]</i> | Brian Fraske | Alta | 08/04/16 14:20 |
| 1 Received By: | <i>[Signature]</i> | Dennis Darnay | Enthalphy | 8/4/16 14:20 |
| 2 Relinquished By: | <i>[Signature]</i> | Dennis Darnay | Enthalphy | 8/4/16 15:49 |
| 2 Received By: | <i>[Signature]</i> | Kingling Cao | | 8/6/16 15:57 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **981162**

Page: **7** of **7**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviiron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: Soil
 Container No./Size: 1 500ml
 Pres.: NONE

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------------|---------------|--------------------|--------|--------------------|-------|------------------|------------------------------|
| 1 S9102B-0.5 | 08/16/16 | 0908 | Soil | 1 500ml | NONE | X | Hold & Archive |
| 2 S9102B-1.5 | | 0910 | | | | | Hold & Archive |
| 3 S9102B-2.5 | | 0912 | | | | | Hold & Archive |
| 4 S9102C-0.5 | | 0914 | | | | X | Hold & Archive |
| 5 S9102C-0.5 DUO | | 0915 | | | | X | Hold & Archive |
| 6 S9102C-1.5 | | 0916 | | | | | Hold & Archive |
| 7 S9102C-2.5 | | 0917 | | | | | Hold & Archive |
| 8 S91A-0.5 | | 0905 | | | | X | Hold & Archive |
| 9 S91A-1.5 | | 0926 | | | | | Hold & Archive |
| 10 S91A-2.5 | | 0927 | | | | | Hold & Archive |
| Relinquished By: | | Signature | | Print Name | | Company / Title | |
| 1 Received By: | | <i>[Signature]</i> | | ERIC FRASKE | | ALTA | |
| 2 Relinquished By: | | <i>[Signature]</i> | | Dennis Denny | | Enthalphy | |
| 3 Received By: | | <i>[Signature]</i> | | Dennis Denny | | Enthalphy | |
| 3 Relinquished By: | | <i>[Signature]</i> | | Dennis Denny | | Enthalphy | |
| 3 Received By: | | <i>[Signature]</i> | | Dennis Denny | | Enthalphy | |
| 3 Received By: | | <i>[Signature]</i> | | Dennis Denny | | Enthalphy | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 38162 Standard: 4 Day: 3 Day:

Page: 2 of 2 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------------|---------------|--------------------|--------|--------------------|-------|--|------------------------------|
| 1 | 08/04/16 | 0929 | Soil | 1 Jar | N/A | Arsenic (USEPA 6020) Lead (USEPA 6010B) | - |
| 2 | SS1C-0.5 DUP | 0930 | | | X | | Hold & Archive |
| 3 | SS1C-1.5 | 0931 | | | X | | Hold & Archive |
| 4 | SS1C-2.5 | 0932 | | | X | | Hold & Archive |
| 5 | SS2A-0.5 | 0939 | | | X | | Hold & Archive |
| 6 | SS2A-1.5 | 0940 | | | X | | Hold & Archive |
| 7 | SS2A-2.5 | 0942 | | | X | | Hold & Archive |
| 8 | SS2B-0.5 | 0944 | | | X | | Hold & Archive |
| 9 | SS2B-1.5 | 0944 | | | X | | Hold & Archive |
| 10 | SS2B-2.5 | 0948 | | | X | | Hold & Archive |
| Relinquished By: | | Signature | | Print Name | | Company / Title | |
| 1 Received By: | | <i>[Signature]</i> | | ERIC FRASKE | | ALTA | |
| 2 Relinquished By: | | <i>[Signature]</i> | | DENNIS DENNEY | | ENTHALPHY | |
| 3 Received By: | | <i>[Signature]</i> | | HENRY GAO | | ENTHALPHY | |
| 3 Relinquished By: | | <i>[Signature]</i> | | | | | |
| 3 Received By: | | <i>[Signature]</i> | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No:

581162

Page:

9

of

Standard:

4 Day:

1 Day:

3 Day:

Same Day:

X

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviron.com

Address: 3777 Long Beach Boulevard

Phone: Long Beach, CA 90807

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street

Global ID: Los Angeles, CA

Sampled By:

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| 1 | SS2C-0.5 | 08/04/16 | 0946 | Soil | 1 JAR | None | Hold & Archive |
| 2 | SS2C-1.5 | | 0907 | | | X | Hold & Archive |
| 3 | SS2C-2.5 | | D948 | | | X | Hold & Archive |
| 4 | SS98B-0.5 | | 1013 | | | X | Hold & Archive |
| 5 | SS98B-1.5 | | 1014 | | | X | Hold & Archive |
| 6 | SS98B-2.5 | | 1017 | | | X | Hold & Archive |
| 7 | SS98C-0.5 | | 1020 | | | X | Hold & Archive |
| 8 | SS98C-1.5 | | 1022 | | | X | Hold & Archive |
| 9 | SS98C-2.5 | | 1024 | | | X | Hold & Archive |
| 10 | SS92A-0.5 | | 1049 | | | X | Hold & Archive |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--------------------|--------------|-----------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 8/4/16 14:20 |
| 1 Received By: | <i>[Signature]</i> | Dennis Denny | Enthalphy | 8/4/16 14:30 |
| 2 Relinquished By: | <i>[Signature]</i> | Dennis Denny | Enthalphy | 8/4/16 15:44 |
| 2 Received By: | <i>[Signature]</i> | Kangling Cao | | 8/4/16 15:57 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

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1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

381162

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

Page:

10 of

2 Day:

1 Day:

X

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number:

LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Address: Long Beach, CA 90807

Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 08/04/10 | | Soil | 1 500L | NONE | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold & Archive |
| 2 | | | | | | | Hold & Archive |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | Hold & Archive |
| 6 | | | | | | | Hold & Archive |
| 7 | | | | | | | |
| 8 | | | | | | | Hold & Archive |
| 9 | | | | | | | Hold & Archive |
| 10 | | | | | | | Hold & Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:

[Signature]

ERIC FRASKE

ALTA

08/04/10 14:30

[Signature]

Dennis Downing

Enthalpy

8/16/10 14:30

[Signature]

Hanging Co

Enthalpy

8/16/10 15:57

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **381162**
 Page: **11** of **11**

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid Seaw = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| | | | |
|------------|---|-------------|--|
| Company: | Alta Environmental | Name: | Jefferson High School |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 |
| Email: | eric.fraske@altaenvirom.com | P.O. #: | |
| Address: | 3777 Long Beach Boulevard Long Beach, CA 90807 | Address: | 1319 E. 41st Street Los Angeles, CA |
| Phone: | 562-544-3910 | Global ID: | |
| Fax: | 562-495-5877 | Sampled By: | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 08/02/16 | 1101 | Soil | 1 SRA | None | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold & Archive |
| 2 | 08/02/16 | 1105 | Soil | 1 SRA | X | | Hold & Archive |
| 3 | 08/02/16 | 1110 | Soil | 1 SRA | X | | Hold & Archive |
| 4 | 08/02/16 | 1112 | Soil | 1 SRA | X | | Hold & Archive |
| 5 | 08/02/16 | 1114 | Soil | 1 SRA | X | | Hold & Archive |
| 6 | 08/02/16 | 1116 | Soil | 1 SRA | X | | Hold & Archive |
| 7 | 08/02/16 | 1118 | Soil | 1 SRA | X | | Hold & Archive |
| 8 | 08/02/16 | 1119 | Soil | 1 SRA | X | | Hold & Archive |
| 9 | 08/02/16 | 1138 | Soil | 1 SRA | X | | Hold & Archive |
| 10 | 08/02/16 | 1138 | Soil | 1 SRA | X | | Hold & Archive |

| | | | |
|--------------------|----------------|-----------------|------------------|
| Signature | Print Name | Company / Title | Date / Time |
| <i>[Signature]</i> | ERIC FRASKE | Alta | 08/04/2016 14:20 |
| <i>[Signature]</i> | Deanna Downing | Enthalpy | 8/2/16 14:20 |
| <i>[Signature]</i> | Deanna Downing | Enthalpy | 8/2/16 15:49 |
| <i>[Signature]</i> | Hongying Cao | Enthalpy | 8/2/16 15:57 |
| Relinquished By: | | | |
| Relinquished By: | | | |
| Relinquished By: | | | |
| Received By: | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381162**
 Page: **1/2** of **2**

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|----------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 08/01/16 | | Soil | 1 ONE | N/A | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold & Archive |
| 2 | SS38A-2.5 | | | | | | Hold & Archive |
| 3 | SS38B-0.5 | | | | | | Hold & Archive |
| 4 | SS38B-1.5 | | | | | | Hold & Archive |
| 5 | SS38B-2.5 | | | | | | Hold & Archive |
| 6 | SS38C-0.5 | | | | | | Hold & Archive |
| 7 | SS38C-1.5 | | | | | | Hold & Archive |
| 8 | SS68A-0.5 | | | | | | Hold & Archive |
| 9 | SS68A-1.5 | | | | | | Hold & Archive |
| 10 | SS68A-2.5 | | | | | | Hold & Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|---------------|-----------------|----------------|
| <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/01/16 14:20 |
| <i>[Signature]</i> | DAVID DEANBY | ENTHALPHY | 8/2/16 14:20 |
| <i>[Signature]</i> | DONALD DENNIS | ENTHALPHY | 8/2/16 15:44 |
| <i>[Signature]</i> | HONGJING CHAO | | 8/16/16 15:57 |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381162**

Page: **13** of **13**

Matrix: A = Air DW = Drinking Water
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Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|----------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraska
 Email: eric.fraska@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: Soil
 Container No./Size: 12oz
 Pres.: None

Analysis Request

| | |
|----------------------|--|
| Arsenic (USEPA 6020) | |
| Lead (USEPA 6010B) | |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|--------------------|-------|------------------|------------------------------|
| 1 SS688B-0.5 | 08/04/10 | | Soil | 12oz | None | X | Hold & Archive |
| 2 SS688B-1.5 | | | | | | | Hold & Archive |
| 3 SS688B-2.5 | | | | | | | Hold & Archive |
| 4 SS688C-0.5 | | | | | | X | Hold & Archive |
| 5 SS688C-1.5 | | | | | | | Hold & Archive |
| 6 SS688C-2.5 | | | | | | | Hold & Archive |
| 7 SS55A-0.5 | | | | | | X | Hold & Archive |
| 8 SS55A-1.5 | | | | | | | Hold & Archive |
| 9 SS55A-2.5 | | | | | | | Hold & Archive |
| 10 SS55A-0.5 | | | | | | X | Hold & Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: *[Signature]* Eric Fraska
 1 Received By: *[Signature]* Eric Fraska
 2 Relinquished By: *[Signature]* Eric Fraska
 2 Received By: *[Signature]* Eric Fraska
 3 Relinquished By: *[Signature]* Eric Fraska
 3 Received By: *[Signature]* Eric Fraska

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: **381162**

Page: **14** of **14**

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

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Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|------------------|----------------------|-------|----------------------|------------------------------|
| 1 | 08/01/16 | 1345 | Soil | 1 2002 | None | Arsenic (USEPA 6020) | Hold & Archive. |
| 2 | | 1347 | | | | Lead (USEPA 6010B) | Hold & Archive. |
| 3 | | 1338 | | | X | | Hold & Archive. |
| 4 | | 1341 | | | | | Hold & Archive. |
| 5 | | 1348 | | | | | Hold & Archive. |
| 6 | | 1400 | H ₂ O | 1 bottle | XX | | Hold & Archive. |
| 7 | | 1400 | | | XX | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--------------------|---------------|----------|-----------------|
| 1 Relinquished By: | <i>[Signature]</i> | ERIC FRASKE | ALTA | 08/04/16 14:00 |
| 1 Received By: | <i>[Signature]</i> | Dennis Demery | Enthalpy | 8/01/16 - 14:20 |
| 2 Relinquished By: | <i>[Signature]</i> | Dennis Demery | Enthalpy | 8/14/16 - 15:44 |
| 2 Received By: | <i>[Signature]</i> | Hongying Chen | | 8/14/16 15:57 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

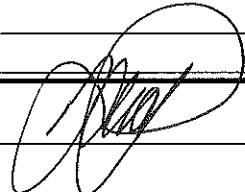
Section 1
 Client: AVTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL
 Date Received: 8/04/16 Sampler's Signature Present: Yes No
 Sample(s) received in a cooler? Yes How many? 3 No (skip section 2) Sample Temp (°C): _____
 Sample Temp (°C) from each cooler: #1: 3.4°C #2: 3.3°C #3: 3.5°C #4: _____
(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 2.4°C #2: 1.6°C #3: 3.2°C #4: _____

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | | <input checked="" type="checkbox"/> | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |

Section 4
 Explanations/Comments: RECEIVED (2) CONTAINERS FOR "SS93A-2.5". ID WAS CHANGED ON (1) OF THE CONTAINERS TO CONCLUDE WITH SAMPLING TIMES.

Section 5
 Was the Project Manager notified via email of discrepancies: Yes No N/A
 Was the email sent to: R.C.
 Project Manager's response: _____

Completed By:  Date: 8/04/16



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381187
Report Date: 09/09/2016
Date Received: 08/05/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Supplement 3

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 381187-072 | SS88C-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:51 | Site: | |
| Sample #: <u>381187-072</u> | Client Sample #: SS88C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1170681 | |
| Arsenic | 6.20 | 20 | 0.4 | 6 | mg/Kg | 09/08/16 | 09/09/16 | KLN |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1170681</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 09/08/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1170681MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1170681LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 50.8 | | mg/Kg | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1170681MS1, QC1170681MSD1 | | | | | | | | | | | | |
| Arsenic | 4.31 | 50 | 50 | 41.7 | 40.3 | mg/Kg | 75 | 72 | 3.4 | 75-125 | 20 | M |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **381187** Standard: 4 Day: 3 Day: 1 Day: X Same Day:

Page: **1** of **14** 2 Day: 1 Day: X

Matrix: A = Air DW = Drinking Water
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Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------------------|
| 1 | 8/5/16 | 0703 | Soil | 1 GAL/2 GAL | | X | X | |
| 2 | | 0703 | | | | X | X | |
| 3 | | 0704 | | | | | | HOLD/RETAIN |
| 4 | | 0705 | | | | | | HOLD/RETAIN |
| 5 | | 0702 | | | | X | X | |
| 6 | | 0703 | | | | | | HOLD/RETAIN |
| 7 | | 0707 | | | | | | HOLD/RETAIN |
| 8 | | 0700 | | | | X | X | |
| 9 | | 0703 | | | | | | HOLD/RETAIN |
| 10 | | 0705 | | | | | | HOLD/RETAIN |

Signature: [Signatures]

Print Name: DAN BOVO, E. NGSS, E. A. ZAIDP.

Company / Title: ALTA ENVIRONMENTAL, ENTHALPHY ANALYTICAL

Date / Time: 8/5/16 12:30, 8/5/16 1335, 8/5/16 1340

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

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c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

381187

Page:

2

of

14

Standard:

4 Day:

1 Day:

3 Day:

Same Day:

X

Turn Around Time (Rush by advanced notice only)

Matrix: A = Air DW = Drinking Water
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PP = Pure Product S = Solid SeaW = Sea Water
SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviron.com

Address: 3777 Long Beach Boulevard

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #: 1319 E. 41st Street

Address: Los Angeles, CA

Global ID:

Sampled By:

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 5/16 | 0714 | SOL | 1 GALS SOL | | X Arsenic (USEPA 6020) X Lead (USEPA 6010B) | HOLD/ANALYZE |
| 2 | -15 | 0714 | | | | | HOLD/ANALYZE |
| 3 | -2.5 | 0723 | | | | | HOLD/ANALYZE |
| 4 | 5/16 | 0712 | | | | X | HOLD/ANALYZE |
| 5 | -15 | 0714 | | | | | HOLD/ANALYZE |
| 6 | -2.5 | 0717 | | | | | HOLD/ANALYZE |
| 7 | 5/16 | 0713 | | | | X | HOLD/ANALYZE |
| 8 | 5/16 | 0737 | | | | X | HOLD/ANALYZE |
| 9 | 5/16 | 0730 | | | | | HOLD/ANALYZE |
| 10 | -15 | 0732 | | | | | HOLD/ANALYZE |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|------------|---------------------|--------------|
| 1 Relinquished By: | [Signature] | DAN BIRD | ALTA ENVIRONMENTAL | 5/16 8:23:30 |
| 1 Received By: | [Signature] | ENAL | ENTHALPY ANALYTICAL | 5/16 1335 |
| 2 Relinquished By: | [Signature] | ENAL | ENTHALPY ANALYTICAL | 5/16 1340 |
| 2 Received By: | [Signature] | DAN BIRD | ALTA ENVIRONMENTAL | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPY ANALYTICAL, INC.

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CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Chain of Custody Record
 Lab No: **381187**
 Page: **3** of **14** 2 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
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Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Analysis Request

| | | | | | | | | | | | |
|----------------------|--|--|--|--|--|--|--|--|--|--|--|
| Arsenic (USEPA 6020) | | | | | | | | | | | |
| Lead (USEPA 6010B) | | | | | | | | | | | |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Company / Title | Date / Time |
|---------------|---------------|---------------|--------|----------------------|-------|---------------------|--------------|
| SS43A-0.5 DUP | 8/5/16 | 0737 | SW | 1000-5 SWB | X | ENTHALPY ANALYTICAL | 8/5/16 12:30 |
| -1.5 | | 0739 | | | | | HOLD/REFRIG |
| -2.5 | | 0740 | | | | | HOLD/REFRIG |
| SS43C-2.5 | | 0734 | | | | | HOLD/REFRIG |
| SS43B-0.5 | | 0730 | | | | | HOLD/REFRIG |
| -1.5 | | 0732 | | | | | HOLD/REFRIG |
| -2.5 | | 0738 | | | | | HOLD/REFRIG |
| SS53A-0.5 | | 0753 | | | | | HOLD/REFRIG |
| SS53B-1.5 | | 0754 | | | | | HOLD/REFRIG |
| -2.5 | | 0755 | | | | | HOLD/REFRIG |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: [Signature] DENBOSS DENBOSS
 1 Received By: [Signature] DENBOSS DENBOSS
 2 Relinquished By: [Signature] DENBOSS DENBOSS
 2 Received By: [Signature] DENBOSS DENBOSS
 3 Relinquished By: [Signature] DENBOSS DENBOSS
 3 Received By: [Signature] DENBOSS DENBOSS

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92668
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381187**

Page: **2** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraska
 Email: eric.fraska@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 8/5/16 | 0753 | Soil | 1 GASS SWB | | X | FIELD/ARCHIVE |
| 2 | | 0755 | | | | | FIELD/ARCHIVE |
| 3 | | 0756 | | | | | FIELD/ARCHIVE |
| 4 | | 0749 | | | | X | FIELD/ARCHIVE |
| 5 | | 0750 | | | | | FIELD/ARCHIVE |
| 6 | | 0751 | | | | X | FIELD/ARCHIVE |
| 7 | | 0806 | | | | | FIELD/ARCHIVE |
| 8 | | 0808 | | | | | FIELD/ARCHIVE |
| 9 | | 0809 | | | | | FIELD/ARCHIVE |
| 10 | | 0806 | | | | X | FIELD/ARCHIVE |

Signature

Print Name

Company / Title

Date / Time

| | | | | | |
|--------------------|--------------------|----------|--------------------|----------|-------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN BOYO | ALTA ENVIRONMENTAL | 8/5/16 | 12:30 |
| 1 Received By: | <i>[Signature]</i> | T. NASH | EA | 08/05/16 | 1335 |
| 2 Relinquished By: | <i>[Signature]</i> | T. NASH | EA | 08/05/16 | 1340 |
| 2 Received By: | <i>[Signature]</i> | T. NASH | | | |
| 3 Relinquished By: | | | | | |
| 3 Received By: | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **381187**
 Page: **5** of **14**

Matrix: A = Air DW = Drinking Water
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 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 5554A 0.5 DUP | 8/5/16 | 0806 | Soil | 1 LUNSS SKR | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold / Archive |
| 2 5554B 1 | | 0808 | | | | | Hold / Archive |
| 3 | | 0810 | | | | | Hold / Archive |
| 4 5554C 0.5 | | 0804 | | | X | | Hold / Archive |
| 5 | | 0805 | | | | | Hold / Archive |
| 6 | | 0806 | | | | | Hold / Archive |
| 7 5579A-0.5 | | 0820 | | | X | | Hold / Archive |
| 8 | | 0821 | | | | | Hold / Archive |
| 9 | | 0824 | | | | | Hold / Archive |
| 10 5579B-0.5 | | 0826 | | | X | | Hold / Archive |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|---------------------------------------|----------|-----------------------------|--------|-------|
| 1 Relinquished By: <i>[Signature]</i> | DAN BIRD | AT THE ENVIRONMENTAL CENTER | 8/5/16 | 12:30 |
| 1 Received By: <i>[Signature]</i> | T. NESH | E. A. | 8/5/16 | 1335 |
| 2 Relinquished By: <i>[Signature]</i> | T. NESH | E. A. | 8/5/16 | 1340 |
| 2 Received By: <i>[Signature]</i> | ZAD P. | | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381187**

Page: **6** of **14**

Matrix: A = Air DW = Drinking Water
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Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 8/5/16 | 0828 | Soil | 10285 2002 | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold/Receive |
| 2 | | 0829 | | | | | Hold/Receive |
| 3 | | 0819 | | | | X | Hold/Receive |
| 4 | | 0821 | | | | | Hold/Receive |
| 5 | | 0822 | | | | | Hold/Receive |
| 6 | | 0838 | | | | X | Hold/Receive |
| 7 | | 0835 | | | | | Hold/Receive |
| 8 | | 0841 | | | | | Hold/Receive |
| 9 | | 0839 | | | | X | Hold/Receive |
| 10 | | 0841 | | | | | Hold/Receive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: *[Signature]* DAN BORD
 1 Received By: *[Signature]* F.A.
 2 Relinquished By: *[Signature]* F.A.
 2 Received By: *[Signature]* F.A.
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]*

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No:

381187

Page:

7

of

14

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

2 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenvironment.com

P.O. #: 1319 E. 41st Street

Address: 3777 Long Beach Boulevard

Address: Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 55876-2.5 | 8/5/16 | SOIL | 16 LBS/200 | | Arsenic (USEPA 6020) | Hold/Refrigerate |
| 2 | 55876-0.5 | 0845 | | | X | Lead (USEPA 6010B) | Hold/Refrigerate |
| 3 | -1.5 | 0846 | | | | | Hold/Refrigerate |
| 4 | -2.5 | 0847 | | | | | Hold/Refrigerate |
| 5 | 5588A-0.5 | 0850 | | | X | | Hold/Refrigerate |
| 6 | -1.5 | 0851 | | | X | | Hold/Refrigerate |
| 7 | 5588B-0.5 | 0857 | | | X | | Hold/Refrigerate |
| 8 | -0.5 DUP | 0857 | | | X | | Hold/Refrigerate |
| 9 | -1.5 | 0900 | | | | | Hold/Refrigerate |
| 10 | -2.5 | 0903 | | | | | Hold/Refrigerate |

Signature: [Signature] Print Name: DAN RYD Company / Title: DATA ENVIRONMENTAL Date / Time: 8/5/16 12:30

Relinquished By: [Signature] Received By: [Signature]

Relinquished By: [Signature] Received By: [Signature]

Relinquished By: [Signature] Received By: [Signature]

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No:

381187

Turn Around Time (Rush by advanced notice only)

Page: 8 of 14

Standard: 2 Day: 4 Day: 1 Day: X Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

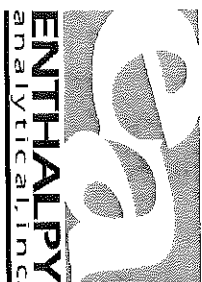
Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|--|------------------------------|
| 1 | 8/5/16 | 0847 | SOIL | 1 GLASS JAR | | X Arsenic (USEPA 6020) X Lead (USEPA 6010B) | Hold/Positive |
| 2 | | 0851 | | | | | Hold/Positive |
| 3 | | 0854 | | | | | Hold/Positive |
| 4 | | 0945 | | | X | | Hold/Positive |
| 5 | | 0952 | | | | | Hold/Positive |
| 6 | | 0955 | | | | | Hold/Positive |
| 7 | | 0945 | | | X | | Hold/Positive |
| 8 | | 0939 | | | X | | Hold/Positive |
| 9 | | 0944 | | | | | Hold/Positive |
| 10 | | 0945 | | | | | Hold/Positive |

Signature: [Signatures]
 Print Name: DAN BOYD
 Company / Title: ALTA ENVIRONMENTAL
 Date / Time: 8/5/16 12:30
 Relinquished By: [Signature] 8/5/16 1335
 Relinquished By: [Signature] 8/10/16 1340
 Relinquished By: [Signature]
 Received By:

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



ENTHALPHY
analytical inc.

Chain of Custody Record
 Lab No: 381187
 Page: 9 of 14 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

1 Park Plaza, Suite 1000, Irvine, CA 92614

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 8/5/16 | 0953 | Soil | 1000 | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | |
| 2 | ↓ | 0954 | ↓ | ↓ | | | HOOD/Negative |
| 3 | ↓ | 0956 | ↓ | ↓ | | | HOOD/Negative |
| 4 | ↓ | 1000 | ↓ | ↓ | X | | |
| 5 | ↓ | 1000 | ↓ | ↓ | X | | |
| 6 | ↓ | 1003 | ↓ | ↓ | | | HOOD/Negative |
| 7 | ↓ | 1005 | ↓ | ↓ | | | HOOD/Negative |
| 8 | ↓ | 1001 | ↓ | ↓ | X | | |
| 9 | ↓ | 1003 | ↓ | ↓ | | | HOOD/Negative |
| 10 | ↓ | 1004 | ↓ | ↓ | | | HOOD/Negative |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:

DAN BARD

I. NASSA

I. NASSA

TARD

ALTA ENVIRONMENTAL

E.A.

E.A.

8/5/16

8/5/16 12:30

08/05/16 1335

8/5/16 1340

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **981187**

Page: **10** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 8/5/16 | 1017 | Soil | 1 Glass Jar | X | | Hold/Receive |
| 2 | 8/5/16 | 1019 | | | | | Hold/Receive |
| 3 | 8/5/16 | 1021 | | | | | Hold/Receive |
| 4 | 8/5/16 | 1014 | | | X | | Hold/Receive |
| 5 | 8/5/16 | 1017 | | | | | Hold/Receive |
| 6 | 8/5/16 | 1018 | | | | | Hold/Receive |
| 7 | 8/5/16 | 1015 | | | X | | Hold/Receive |
| 8 | 8/5/16 | 1016 | | | | | Hold/Receive |
| 9 | 8/5/16 | 1017 | | | | | Hold/Receive |
| 10 | 8/5/16 | 1025 | | | X | | Hold/Receive |

Signature: *[Signatures]*
 Print Name: DAN BUD, E. A.
 Company / Title: ALTA ENVIRONMENTAL
 Date / Time: 8/9/16 12:30, 8/5/16 1335, 8/5/16 1340

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **281187**

Page: **1**

of **14**

2 Day:

4 Day:

1 Day: **X**

3 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenvi.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Phone: 562-544-3910

Global ID: Los Angeles, CA

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 5577A-1.5 | 8/5/16 | 1026 | SW | 16002912 | | Arsenic (USEPA 6020) | Hold / Negative |
| 2 ↓ -2.5 | | 1027 | | | | Lead (USEPA 6010B) | Hold / Negative |
| 3 5577B-0.5 | | 1030 | | | X | | Hold / Negative |
| 4 ↓ -1.5 | | 1032 | | | | | Hold / Negative |
| 5 ↓ -2.5 | | 1033 | | | | | Hold / Negative |
| 6 5577C-0.5 | | 1024 | | | X | | Hold / Negative |
| 7 ↓ -1.5 | | 1026 | | | | | Hold / Negative |
| 8 ↓ -2.5 | | 1028 | | | | | Hold / Negative |
| 9 5576A-0.5 | | 1049 | | | X | | Hold / Negative |
| 10 ↓ -1.5 | | 1050 | | | | | Hold / Negative |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

DAN BOND

DATA ENVIRONMENTAL

8/5/16 12:30

1 Received By:

[Signature]

E. A.

E. A.

8/5/16 13:35

2 Relinquished By:

[Signature]

I. ALON

E. A.

8/15/16 13:40

2 Received By:

[Signature]

ZADP

3 Relinquished By:

[Signature]

3 Received By:

[Signature]

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Monrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381187**

Page: **12** of **14**

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 1 Day: | X | Same Day: |

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Matrix: SW

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 S576A-2.5 | 8/5/16 | 1051 | Soil | 10416 | | X | hold/preserve |
| 2 S576B-0.5 | | 10416 | | | | X | hold/preserve |
| 3 | | 1048 | | | | | hold/preserve |
| 4 | | 1050 | | | | | hold/preserve |
| 5 S576C-0.5 | | 1049 | | | | X | hold/preserve |
| 6 | | 1051 | | | | | hold/preserve |
| 7 | | 1053 | | | | | hold/preserve |
| 8 S582A-0.5 | | 1103 | | | | X | hold/preserve |
| 9 | | 1105 | | | | | hold/preserve |
| 10 | | 1106 | | | | | hold/preserve |

| Signature | Print Name | Company / Title | Date / Time |
|-------------|------------|--------------------|---------------|
| [Signature] | DAN BIRD | ALTA ENVIRONMENTAL | 8/5/16 12:30 |
| [Signature] | T. NASH | E. A. | 08/05/16 1335 |
| [Signature] | ZAYD P. | | 8/5/16 1340 |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Betavita St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **281187**

Page: **13** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 5582B-0.5 | 8/5/16 | 1101 | Soil | 1625/2L | X | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold/Archive D13 |
| -1.5 | | 1102 | | | | | Hold/Archive |
| -2.5 | | 1103 | | | | | Hold/Archive |
| 5582C-0.5 | | 1101 | | | X | | Hold/Archive |
| -1.5 | | 1103 | | | | | Hold/Archive |
| -2.5 | | 1106 | | | | | Hold/Archive |
| 5580A-0.5 | | 1207 | | | X | | Hold/Archive |
| -1.5 | | 1209 | | | | | Hold/Archive |
| -2.5 | | 1210 | | | | | Hold/Archive |
| 5580B-0.5 | | 1212 | | | X | | Hold/Archive |

Signature: *[Signature]* Print Name: DAN BIRD
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **981187**
 Page: **14** of **14**

| | | |
|-----------|----------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|--------------------|-------|--|------------------------------|
| SS 806-1.5 | 8/5/16 | 1214 | Soil | 1 Glass Jar | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | HOLD / ARCHIVE |
| SS 806-2.5 | | 1215 | | | | | HOLD / ARCHIVE |
| SS 806-0.5 | | 1206 | | | | | |
| .050UP | | 1208 | | | | | |
| -1.5 | | 1210 | | | | | |
| -7.5 | | 1207 | | | | | HOLD / ARCHIVE |
| EQBL0805-1 | | | | | | | |
| EQBL0805-2 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|------------|--------------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN ROYD | ALTA ENVIRONMENTAL | 8/5/16 |
| 1 Received By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 12:30 |
| 2 Relinquished By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 13:35 |
| 2 Received By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 13:40 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: ALTA ENVIRONMENTAL Project: JEFFERSON H.S.
 Date Received: 08/05/16 Sampler's Signature Present: Yes No
 Sample(s) received in a cooler? Yes How many? 3 NO (skip section 2) Sample Temp (°C): _____
 Sample Temp (°C) from each cooler: #1: _____ #2: _____ #3: _____ #4: _____
(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 0.6° #2: 1.1° #3: 0.8° #4: _____

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | | <input checked="" type="checkbox"/> | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |

**If the answer is no, please inform Fish Bioassay department immediately.*

Section 4
 Explanations/Comments: _____

Section 5
 Was the Project Manager notified via email of discrepancies: Yes No N/A
 Was the email sent to: _____
 Project Manager's response: _____

Completed By: [Signature] Date: 08/05/16

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Thursday, September 08, 2016 10:15 AM
To: Ranjit Clarke
Subject: Thomas Jefferson High School

Hi Ranjit,

Please run the following two samples for arsenic by EPA Method 6020 on a Rush 24-hour basis.

- Sample SS88C-1.5 collected on 8/5/2016 from lab report 381187
- Sample SS95B-0.5 collected on 8/4/2016 from lab report 381162

Please let me know if you need any additional information.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381187
Report Date: 08/08/2016
Date Received: 08/05/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 381187-001 | SS27A-0.5 | 381187-025 | SS43B-0.5 | 381187-049 | SS79A-2.5 |
| 381187-002 | SS27A-0.5 DUP | 381187-026 | SS43B-1.5 | 381187-050 | SS79B-0.5 |
| 381187-003 | SS27A-1.5 | 381187-027 | SS43B-2.5 | 381187-051 | SS79B-1.5 |
| 381187-004 | SS27A-2.5 | 381187-028 | SS53A-0.5 | 381187-052 | SS79B-2.5 |
| 381187-005 | SS27B-0.5 | 381187-029 | SS53A-1.5 | 381187-053 | SS79C-0.5 |
| 381187-006 | SS27B-1.5 | 381187-030 | SS53A-2.5 | 381187-054 | SS79C-1.5 |
| 381187-007 | SS27B-2.5 | 381187-031 | SS53B-0.5 | 381187-055 | SS79C-2.5 |
| 381187-008 | SS27C-0.5 | 381187-032 | SS53B-1.5 | 381187-056 | SS87A-0.5 |
| 381187-009 | SS27C-1.5 | 381187-033 | SS53B-2.5 | 381187-057 | SS87A-1.5 |
| 381187-010 | SS27C-2.5 | 381187-034 | SS53C-0.5 | 381187-058 | SS87A-2.5 |
| 381187-011 | SS47A-0.5 | 381187-035 | SS53C-1.5 | 381187-059 | SS87B-0.5 |
| 381187-012 | SS47A-1.5 | 381187-036 | SS53C-2.5 | 381187-060 | SS87B-1.5 |
| 381187-013 | SS47A-2.5 | 381187-037 | SS54A-0.5 | 381187-061 | SS87B-2.5 |
| 381187-014 | SS47B-0.5 | 381187-038 | SS54A-1.5 | 381187-062 | SS87C-0.5 |
| 381187-015 | SS47B-1.5 | 381187-039 | SS54A-2.5 | 381187-063 | SS87C-1.5 |
| 381187-016 | SS47B-2.5 | 381187-040 | SS54B-0.5 | 381187-064 | SS87C-2.5 |
| 381187-017 | SS47C-0.5 | 381187-041 | SS54B-0.5 DUP | 381187-065 | SS88A-0.5 |
| 381187-018 | SS43A-0.5 | 381187-042 | SS54B-1.5 | 381187-066 | SS88A-1.5 |
| 381187-019 | SS43C-0.5 | 381187-043 | SS54B-2.5 | 381187-067 | SS88B-0.5 |
| 381187-020 | SS43C-1.5 | 381187-044 | SS54C-0.5 | 381187-068 | SS88B-0.5 DUP |
| 381187-021 | SS43A-0.5 DUP | 381187-045 | SS54C-1.5 | 381187-069 | SS88B-1.5 |
| 381187-022 | SS43A-1.5 | 381187-046 | SS54C-2.5 | 381187-070 | SS88B-2.5 |
| 381187-023 | SS43A-2.5 | 381187-047 | SS79A-0.5 | 381187-071 | SS88C-0.5 |
| 381187-024 | SS43C-2.5 | 381187-048 | SS79A-1.5 | 381187-072 | SS88C-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:03 | Site: | |
| Sample #: <u>381187-001</u> | Client Sample #: SS27A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 87.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 6.35 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:03 | Site: | |
| Sample #: <u>381187-002</u> | Client Sample #: SS27A-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 64.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 4.32 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:04 | Site: | |
| Sample #: <u>381187-003</u> | Client Sample #: SS27A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:05 | Site: | |
| Sample #: <u>381187-004</u> | Client Sample #: SS27A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:00 | Site: | |
| Sample #: <u>381187-005</u> | Client Sample #: SS27B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 107 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 4.55 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:03 | Site: | |
| Sample #: <u>381187-006</u> | Client Sample #: SS27B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:07 | Site: | |
| Sample #: <u>381187-007</u> | Client Sample #: SS27B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:00 | Site: | |
| Sample #: <u>381187-008</u> | Client Sample #: SS27C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 133 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 13.6 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:03 | Site: | |
| Sample #: <u>381187-009</u> | Client Sample #: SS27C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:05 | Site: | |
| Sample #: <u>381187-010</u> | Client Sample #: SS27C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:14 | Site: | |
| Sample #: <u>381187-011</u> | Client Sample #: SS47A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 55.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:17 | Site: | |
| Sample #: <u>381187-012</u> | Client Sample #: SS47A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:23 | Site: | |
| Sample #: <u>381187-013</u> | Client Sample #: SS47A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:12 | Site: | |
| Sample #: <u>381187-014</u> | Client Sample #: SS47B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 30.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:14 | Site: | |
| Sample #: <u>381187-015</u> | Client Sample #: SS47B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:17 | Site: | |
| Sample #: <u>381187-016</u> | Client Sample #: SS47B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:13 | Site: | |
| Sample #: <u>381187-017</u> | Client Sample #: SS47C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 62.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:37 | Site: | |
| Sample #: <u>381187-018</u> | Client Sample #: SS43A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 30.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:30 | Site: | |
| Sample #: <u>381187-019</u> | Client Sample #: SS43C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 21.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:32 | Site: | |
| Sample #: <u>381187-020</u> | Client Sample #: SS43C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:37 | Site: | |
| Sample #: <u>381187-021</u> | Client Sample #: SS43A-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 14.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:39 | Site: | |
| Sample #: <u>381187-022</u> | Client Sample #: SS43A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:40 | Site: | |
| Sample #: <u>381187-023</u> | Client Sample #: SS43A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:34 | Site: | |
| Sample #: <u>381187-024</u> | Client Sample #: SS43C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:30 | Site: | |
| Sample #: <u>381187-025</u> | Client Sample #: SS43B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 63.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:32 | Site: | |
| Sample #: <u>381187-026</u> | Client Sample #: SS43B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:38 | Site: | |
| Sample #: <u>381187-027</u> | Client Sample #: SS43B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:53 | Site: | |
| Sample #: <u>381187-028</u> | Client Sample #: SS53A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 49.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:54 | Site: | |
| Sample #: <u>381187-029</u> | Client Sample #: SS53A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:55 | Site: | |
| Sample #: <u>381187-030</u> | Client Sample #: SS53A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:53 | Site: | |
| Sample #: <u>381187-031</u> | Client Sample #: SS53B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 56.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:55 | Site: | |
| Sample #: <u>381187-032</u> | Client Sample #: SS53B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:56 | Site: | |
| Sample #: <u>381187-033</u> | Client Sample #: SS53B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:49 | Site: | |
| Sample #: <u>381187-034</u> | Client Sample #: SS53C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 48.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:50 | Site: | |
| Sample #: <u>381187-035</u> | Client Sample #: SS53C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 07:51 | Site: | |
| Sample #: <u>381187-036</u> | Client Sample #: SS53C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:06 | Site: | |
| Sample #: <u>381187-037</u> | Client Sample #: SS54A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 2.42 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:08 | Site: | |
| Sample #: <u>381187-038</u> | Client Sample #: SS54A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:09 | Site: | |
| Sample #: <u>381187-039</u> | Client Sample #: SS54A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:06 | Site: | |
| Sample #: <u>381187-040</u> | Client Sample #: SS54B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 53.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:06 | Site: | |
| Sample #: <u>381187-041</u> | Client Sample #: SS54B-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 64.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:08 | Site: | |
| Sample #: <u>381187-042</u> | Client Sample #: SS54B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:10 | Site: | |
| Sample #: <u>381187-043</u> | Client Sample #: SS54B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:04 | Site: | |
| Sample #: <u>381187-044</u> | Client Sample #: SS54C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 63.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:05 | Site: | |
| Sample #: <u>381187-045</u> | Client Sample #: SS54C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:06 | Site: | |
| Sample #: <u>381187-046</u> | Client Sample #: SS54C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:20 | Site: | |
| Sample #: <u>381187-047</u> | Client Sample #: SS79A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 110 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:21 | Site: | |
| Sample #: <u>381187-048</u> | Client Sample #: SS79A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:24 | Site: | |
| Sample #: <u>381187-049</u> | Client Sample #: SS79A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:26 | Site: | |
| Sample #: <u>381187-050</u> | Client Sample #: SS79B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169719 | |
| Lead | 60.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:28 | Site: | |
| Sample #: <u>381187-051</u> | Client Sample #: SS79B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:29 | Site: | |
| Sample #: <u>381187-052</u> | Client Sample #: SS79B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:19 | Site: | |
| Sample #: <u>381187-053</u> | Client Sample #: SS79C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 32.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:21 | Site: | |
| Sample #: <u>381187-054</u> | Client Sample #: SS79C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:22 | Site: | |
| Sample #: <u>381187-055</u> | Client Sample #: SS79C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:38 | Site: | |
| Sample #: <u>381187-056</u> | Client Sample #: SS87A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 99.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:39 | Site: | |
| Sample #: <u>381187-057</u> | Client Sample #: SS87A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:41 | Site: | |
| Sample #: <u>381187-058</u> | Client Sample #: SS87A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:39 | Site: | |
| Sample #: <u>381187-059</u> | Client Sample #: SS87B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 47.9 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:41 | Site: | |
| Sample #: <u>381187-060</u> | Client Sample #: SS87B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:42 | Site: | |
| Sample #: <u>381187-061</u> | Client Sample #: SS87B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:45 | Site: | |
| Sample #: <u>381187-062</u> | Client Sample #: SS87C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 131 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:46 | Site: | |
| Sample #: <u>381187-063</u> | Client Sample #: SS87C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:47 | Site: | |
| Sample #: <u>381187-064</u> | Client Sample #: SS87C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:50 | Site: | |
| Sample #: <u>381187-065</u> | Client Sample #: SS88A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 5.81 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 4.85 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:51 | Site: | |
| Sample #: <u>381187-066</u> | Client Sample #: SS88A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:57 | Site: | |
| Sample #: <u>381187-067</u> | Client Sample #: SS88B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 55.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 5.92 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:57 | Site: | |
| Sample #: <u>381187-068</u> | Client Sample #: SS88B-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 59.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 8.76 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:00 | Site: | |
| Sample #: <u>381187-069</u> | Client Sample #: SS88B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:03 | Site: | |
| Sample #: <u>381187-070</u> | Client Sample #: SS88B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:47 | Site: | |
| Sample #: <u>381187-071</u> | Client Sample #: SS88C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 154 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169717 | |
| Arsenic | 14.4 | 5 | 0.1 | 1.5 | mg/Kg | 08/06/16 | 08/08/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:51 | Site: | |
| Sample #: <u>381187-072</u> | Client Sample #: SS88C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 08:54 | Site: | |
| Sample #: <u>381187-073</u> | Client Sample #: SS88C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:45 | Site: | |
| Sample #: <u>381187-074</u> | Client Sample #: SS70A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 75.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:52 | Site: | |
| Sample #: <u>381187-075</u> | Client Sample #: SS70A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:55 | Site: | |
| Sample #: <u>381187-076</u> | Client Sample #: SS70A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:45 | Site: | |
| Sample #: <u>381187-077</u> | Client Sample #: SS70B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 134 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:39 | Site: | |
| Sample #: <u>381187-078</u> | Client Sample #: SS70C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 64.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:44 | Site: | |
| Sample #: <u>381187-079</u> | Client Sample #: SS70C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:45 | Site: | |
| Sample #: <u>381187-080</u> | Client Sample #: SS70C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:53 | Site: | |
| Sample #: <u>381187-081</u> | Client Sample #: SS73A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 40.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:54 | Site: | |
| Sample #: <u>381187-082</u> | Client Sample #: SS73A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 09:56 | Site: | |
| Sample #: <u>381187-083</u> | Client Sample #: SS73A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:00 | Site: | |
| Sample #: <u>381187-084</u> | Client Sample #: SS73B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 22.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:00 | Site: | |
| Sample #: <u>381187-085</u> | Client Sample #: SS73B-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | | |
| Lead | 27.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:03 | Site: | |
| Sample #: <u>381187-086</u> | Client Sample #: SS73B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:05 | Site: | |
| Sample #: <u>381187-087</u> | Client Sample #: SS73B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:01 | Site: | |
| Sample #: <u>381187-088</u> | Client Sample #: SS73C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | | |
| Lead | 121 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:03 | Site: | |
| Sample #: <u>381187-089</u> | Client Sample #: SS73C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:04 | Site: | |
| Sample #: <u>381187-090</u> | Client Sample #: SS73C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:17 | Site: | |
| Sample #: <u>381187-091</u> | Client Sample #: SS74A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | | |
| Lead | 247 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:19 | Site: | |
| Sample #: <u>381187-092</u> | Client Sample #: SS74A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:21 | Site: | |
| Sample #: <u>381187-093</u> | Client Sample #: SS74A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:14 | Site: | |
| Sample #: <u>381187-094</u> | Client Sample #: SS74B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 75.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:17 | Site: | |
| Sample #: <u>381187-095</u> | Client Sample #: SS74B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:18 | Site: | |
| Sample #: <u>381187-096</u> | Client Sample #: SS74B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:15 | Site: | |
| Sample #: <u>381187-097</u> | Client Sample #: SS74C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 157 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:16 | Site: | |
| Sample #: <u>381187-098</u> | Client Sample #: SS74C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:17 | Site: | |
| Sample #: <u>381187-099</u> | Client Sample #: SS74C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:25 | Site: | |
| Sample #: <u>381187-100</u> | Client Sample #: SS77A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 468 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:26 | Site: | |
| Sample #: <u>381187-101</u> | Client Sample #: SS77A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:27 | Site: | |
| Sample #: <u>381187-102</u> | Client Sample #: SS77A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:30 | Site: | |
| Sample #: <u>381187-103</u> | Client Sample #: SS77B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169720 | |
| Lead | 415 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:32 | Site: | |
| Sample #: <u>381187-104</u> | Client Sample #: SS77B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:33 | Site: | |
| Sample #: <u>381187-105</u> | Client Sample #: SS77B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:24 | Site: | |
| Sample #: <u>381187-106</u> | Client Sample #: SS77C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 82.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:26 | Site: | |
| Sample #: <u>381187-107</u> | Client Sample #: SS77C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:28 | Site: | |
| Sample #: <u>381187-108</u> | Client Sample #: SS77C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:49 | Site: | |
| Sample #: <u>381187-109</u> | Client Sample #: SS76A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | | |
| Lead | 106 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:50 | Site: | |
| Sample #: <u>381187-110</u> | Client Sample #: SS76A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:51 | Site: | |
| Sample #: <u>381187-111</u> | Client Sample #: SS76A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:46 | Site: | |
| Sample #: <u>381187-112</u> | Client Sample #: SS76B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | | |
| Lead | 29.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:48 | Site: | |
| Sample #: <u>381187-113</u> | Client Sample #: SS76B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:50 | Site: | |
| Sample #: <u>381187-114</u> | Client Sample #: SS76B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:49 | Site: | |
| Sample #: <u>381187-115</u> | Client Sample #: SS76C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | | |
| Lead | 273 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:51 | Site: | |
| Sample #: <u>381187-116</u> | Client Sample #: SS76C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 10:53 | Site: | |
| Sample #: <u>381187-117</u> | Client Sample #: SS76C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:03 | Site: | |
| Sample #: <u>381187-118</u> | Client Sample #: SS82A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 32.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:05 | Site: | |
| Sample #: <u>381187-119</u> | Client Sample #: SS82A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:06 | Site: | |
| Sample #: <u>381187-120</u> | Client Sample #: SS82A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:01 | Site: | |
| Sample #: <u>381187-121</u> | Client Sample #: SS82B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 39.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:02 | Site: | |
| Sample #: <u>381187-122</u> | Client Sample #: SS82B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:03 | Site: | |
| Sample #: <u>381187-123</u> | Client Sample #: SS82B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:01 | Site: | |
| Sample #: <u>381187-124</u> | Client Sample #: SS82C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 54.5 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:03 | Site: | |
| Sample #: <u>381187-125</u> | Client Sample #: SS82C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 11:06 | Site: | |
| Sample #: <u>381187-126</u> | Client Sample #: SS82C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:07 | Site: | |
| Sample #: <u>381187-127</u> | Client Sample #: SS80A-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 57.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:09 | Site: | |
| Sample #: <u>381187-128</u> | Client Sample #: SS80A-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:10 | Site: | |
| Sample #: <u>381187-129</u> | Client Sample #: SS80A-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:12 | Site: | |
| Sample #: <u>381187-130</u> | Client Sample #: SS80B-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | |
| Lead | 62.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:14 | Site: | |
| Sample #: <u>381187-131</u> | Client Sample #: SS80B-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:15 | Site: | |
| Sample #: <u>381187-132</u> | Client Sample #: SS80B-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:06 | Site: | |
| Sample #: <u>381187-133</u> | Client Sample #: SS80C-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | | |
| Lead | 131 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:08 | Site: | |
| Sample #: <u>381187-134</u> | Client Sample #: SS80C-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169721 | | |
| Lead | 146 | 1 | 0.32 | 0.5 | mg/Kg | 08/05/16 | 08/06/16 | JN | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:10 | Site: | |
| Sample #: <u>381187-135</u> | Client Sample #: SS80C-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 12:07 | Site: | |
| Sample #: <u>381187-136</u> | Client Sample #: SS80C-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 | Site: | |
| Sample #: <u>381187-137</u> | Client Sample #: EQBL0805-1 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169722 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/06/16 | 08/06/16 | JN | |

| | | | | | | | | | |
|-------------------------------|------------------------|---|------|---|------|----------|----------------------|----|--|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169718 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/06/16 | 08/08/16 | MH | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/05/2016 | Site: | |
| Sample #: <u>381187-138</u> | Client Sample #: EQBL0805-2 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169722 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/06/16 | 08/06/16 | JN | |

| | | | | | | | | | |
|-------------------------------|------------------------|---|------|---|------|----------|----------------------|----|--|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169718 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/06/16 | 08/08/16 | MH | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169717</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169717MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169717LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 50.9 | | mg/Kg | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169717MS1, QC1169717MSD1 | | | | | | | | | | | | |
| Arsenic | 6.35 | 50 | 50 | 57.2 | 52.7 | mg/Kg | 102 | 93 | 8.2 | 75-125 | 20 | Source: 381187-001 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169718</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Water | Analyzed: 08/05/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169718MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169718LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 42.4 | | ug/L | 85 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169718MS1, QC1169718MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 40.5 | 38.2 | ug/L | 81 | 76 | 5.8 | 75-125 | 20 | Source: 381187-137 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169719</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/06/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169719MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169719LCS1 | | | | | | | | | | | |
| Lead | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169719MS1, QC1169719MSD1 | | | | | | | | | | | | |
| Lead | 87.5 | 100 | 100 | 139 | 143 | mg/Kg | 52 | 56 | 2.8 | 75-125 | 20 | M |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169720</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/06/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169720MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169720LCS1 | | | | | | | | | | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169720MS1, QC1169720MSD1 | | | | | | | | | | | | |
| Lead | 32.9 | 100 | 100 | 125 | 133 | mg/Kg | 92 | 100 | 6.2 | 75-125 | 20 | Source: 381187-053 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169721</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/06/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169721MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169721LCS1 | | | | | | | | | | | |
| Lead | 100 | | 100 | | mg/Kg | 100 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169721MS1, QC1169721MSD1 | | | | | | | | | | | | |
| Lead | 82.6 | 100 | 100 | 195 | 172 | mg/Kg | 112 | 89 | 12.5 | 75-125 | 20 | Source: 381187-106 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169722</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Water | Analyzed: 08/06/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-------|-------|
| QC1169722MB1 | | | | | |
| Lead | ND | mg/L | 0.004 | 0.005 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169722LCS1 | | | | | | | | | | | |
| Lead | 2 | | 2.09 | | mg/L | 105 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169722MS1, QC1169722MSD1 | | | | | | | | | | | | |
| Lead | ND | 1 | 1 | 0.964 | 1.03 | mg/L | 96 | 103 | 6.6 | 75-125 | 20 | Source: 381187-137 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **381187**
 Page: **2** of **14** 2 Day: 4 Day: 1 Day: Same Day:

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|--|------------------------------|
| 1 | 5/16 | 0714 | SOL | 1 GALS SOL | | <input checked="" type="checkbox"/> Arsenic (USEPA 6020) <input checked="" type="checkbox"/> Lead (USEPA 6010B) | HOLD/RESERVE |
| 2 | -15 | 0714 | | | | | HOLD/RESERVE |
| 3 | -2.5 | 0723 | | | | | HOLD/RESERVE |
| 4 | 5/16 | 0712 | | | | <input checked="" type="checkbox"/> | HOLD/RESERVE |
| 5 | -15 | 0714 | | | | | HOLD/RESERVE |
| 6 | -2.5 | 0717 | | | | | HOLD/RESERVE |
| 7 | 5/16 | 0713 | | | | <input checked="" type="checkbox"/> | HOLD/RESERVE |
| 8 | 5/16 | 0737 | | | | <input checked="" type="checkbox"/> | HOLD/RESERVE |
| 9 | 5/16 | 0730 | | | | | HOLD/RESERVE |
| 10 | -15 | 0732 | | | | | HOLD/RESERVE |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: [Signature] DAN BIRD
 1 Received By: [Signature] ERIC FRASKE
 2 Relinquished By: [Signature] ERIC FRASKE
 2 Received By: [Signature] DAN BIRD
 3 Relinquished By: [Signature] ERIC FRASKE
 3 Received By: [Signature] DAN BIRD

ENTHALPY ANALYTICAL, INC.

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 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **381187**
 Page: **3** of **14**

Matrix: A = Air DW = Drinking Water
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Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| SS43A-0.5 DUP | 8/5/16 | 0737 | SW | 1000 5 SWB | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | |
| ↓ -1.5 | | 0739 | | | | | Hold/Refrige |
| ↓ -2.5 | | 0740 | | | | | Hold/Refrige |
| SS43C-2.5 | | 0734 | | | | | Hold/Refrige |
| SS43B-0.5 | | 0730 | | | | | Hold/Refrige |
| ↓ -1.5 | | 0732 | | | | | Hold/Refrige |
| ↓ -2.5 | | 0738 | | | | | Hold/Refrige |
| SS53A-0.5 | | 0753 | | | | | Hold/Refrige |
| SS53A-1.5 | | 0754 | | | | | Hold/Refrige |
| ↓ -2.5 | | 0755 | | | | | Hold/Refrige |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|---------------------|----------------|
| <i>[Signature]</i> | DENNIS DUNN | DATA MANAGER | 8/5/16 |
| <i>[Signature]</i> | ENRICH | ENTHALPY ANALYTICAL | 08/05/16 12:30 |
| <i>[Signature]</i> | T. DAVIS | E.A. | 08/05/16 1335 |
| <i>[Signature]</i> | DAVID | | 08/05/16 1340 |

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 c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **381187**

Page: **2** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Sample ID

Analysis Request

| | | | | | | | |
|----------------------|---|--|--|--|--|--|--|
| Arsenic (USEPA 6020) | | | | | | | |
| Lead (USEPA 6010B) | X | | | | | | |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 8/5/16 | 0753 | Soil | 1 Glass Jar | | | Hold/Archive |
| 2 | | 0755 | | | | | Hold/Archive |
| 3 | | 0756 | | | | | Hold/Archive |
| 4 | | 0749 | | | | | Hold/Archive |
| 5 | | 0750 | | | | | Hold/Archive |
| 6 | | 0751 | | | | | Hold/Archive |
| 7 | | 0806 | | | | | Hold/Archive |
| 8 | | 0808 | | | | | Hold/Archive |
| 9 | | 0809 | | | | | Hold/Archive |
| 10 | | 0806 | | | | | Hold/Archive |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--------------------|----------|--------------------|----------------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN BOYO | ALTA ENVIRONMENTAL | 8/5/16 12:30 |
| 1 Received By: | <i>[Signature]</i> | T. NASH | EA | 08/05/16 13:35 |
| 2 Relinquished By: | <i>[Signature]</i> | T. NASH | EA | 08/05/16 13:40 |
| 2 Received By: | <i>[Signature]</i> | T. NASH | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
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 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **381187**
 Page: **5** of **14** 2 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 5554A 0.5 DUP | 8/5/16 | 0806 | Soil | 1 LUNAS SKR | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold / Archive |
| 2 5554B 1 | | 0808 | | | | | Hold / Archive |
| 3 | | 0810 | | | | | Hold / Archive |
| 4 5554C 0.5 | | 0804 | | | | | Hold / Archive |
| 5 | | 0805 | | | | | Hold / Archive |
| 6 | | 0806 | | | | | Hold / Archive |
| 7 5579A-0.5 | | 0820 | | | | | Hold / Archive |
| 8 | | 0821 | | | | | Hold / Archive |
| 9 | | 0824 | | | | | Hold / Archive |
| 10 5579B-0.5 | | 0826 | | | | | Hold / Archive |

Signature

Print Name

Company / Title

Date / Time

| | | | | | |
|--------------------|--------------------|----------|----------------------------|--------|-------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN BIRD | AT THE ENVIRONMENTAL GROUP | 8/5/16 | 12:30 |
| 1 Received By: | <i>[Signature]</i> | T. NESH | E. A. | 8/5/16 | 1335 |
| 2 Relinquished By: | <i>[Signature]</i> | T. NESH | E. A. | 8/5/16 | 1340 |
| 2 Received By: | <i>[Signature]</i> | T. NESH | E. A. | 8/5/16 | 1340 |
| 3 Relinquished By: | | | | | |
| 3 Received By: | | | | | |

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1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 381187
 Page: 6 of 14

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 8/5/16 | 0828 | Soil | 10285 2002 | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold/Receive |
| 2 | | 0829 | | | | | Hold/Receive |
| 3 | | 0819 | | | | X | Hold/Receive |
| 4 | | 0821 | | | | | Hold/Receive |
| 5 | | 0822 | | | | | Hold/Receive |
| 6 | | 0838 | | | | X | Hold/Receive |
| 7 | | 0835 | | | | | Hold/Receive |
| 8 | | 0841 | | | | | Hold/Receive |
| 9 | | 0839 | | | | X | Hold/Receive |
| 10 | | 0841 | | | | | Hold/Receive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: [Signature] DAN BOYO [Signature] ALTA ENVIRONMENTAL 8/5/16 12:30
 1 Received By: [Signature] [Signature] F.A. 08/05/16 1335
 2 Relinquished By: [Signature] [Signature] F.A. 8/5/16 1940
 2 Received By: [Signature] [Signature]
 3 Relinquished By: [Signature]
 3 Received By: [Signature]

ENTHALPHY ANALYTICAL, INC.

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Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

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Chain of Custody Record

Lab No:

381187

Page:

7

of

14

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

2 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
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 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenvironment.com

P.O. #: 1319 E. 41st Street

Address: 3777 Long Beach Boulevard

Address: Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 55876-2.5 | 8/5/16 | SOIL | 16 LBS/200 | | Arsenic (USEPA 6020) | Hold/Archive |
| 2 | 55876-0.5 | 0845 | | | X | Lead (USEPA 6010B) | Hold/Archive |
| 3 | -1.5 | 0846 | | | | | Hold/Archive |
| 4 | -2.5 | 0847 | | | | | Hold/Archive |
| 5 | 5588A-0.5 | 0850 | | | X | | Hold/Archive |
| 6 | -1.5 | 0851 | | | X | | Hold/Archive |
| 7 | 5588B-0.5 | 0857 | | | X | | Hold/Archive |
| 8 | -0.5 DUP | 0857 | | | X | | Hold/Archive |
| 9 | -1.5 | 0900 | | | | | Hold/Archive |
| 10 | -2.5 | 0903 | | | | | Hold/Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

DAN RYD

ALTA ENVIRONMENTAL

8/5/16 12:30

1 Received By:

[Signature]

T. ASH

E. A.

8/5/16 13:35

2 Relinquished By:

[Signature]

T. ASH

E. A.

8/5/16 13:40

2 Received By:

[Signature]

T. ASH

E. A.

8/5/16 13:40

3 Relinquished By:

[Signature]

T. ASH

E. A.

8/5/16 13:40

3 Received By:

[Signature]

T. ASH

E. A.

8/5/16 13:40

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No:

381187

Turn Around Time (Rush by advanced notice only)

Page: 8 of 14

2 Day:

1 Day:

X

Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No./Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|--------------------|-------|--|------------------------------|
| 1 | 8/5/16 | 0847 | SOIL | 1 GLASS JAR | | <input checked="" type="checkbox"/> Arsenic (USEPA 6020) <input checked="" type="checkbox"/> Lead (USEPA 6010B) | Hold/Positive |
| 2 | | 0851 | | | | | Hold/Positive |
| 3 | | 0854 | | | | | Hold/Positive |
| 4 | | 0945 | | | | | Hold/Positive |
| 5 | | 0952 | | | | | Hold/Positive |
| 6 | | 0955 | | | | | Hold/Positive |
| 7 | | 0945 | | | | | Hold/Positive |
| 8 | | 0939 | | | | | Hold/Positive |
| 9 | | 0944 | | | | | Hold/Positive |
| 10 | | 0945 | | | | | Hold/Positive |

Signature: Dan Boyd
 Print Name: Dan Boyd
 Company / Title: ALTA ENVIRONMENTAL
 Date / Time: 8/5/16 12:30
 Relinquished By: Eric Fraske
 Received By: T. Nasa
 Relinquished By: T. Nasa
 Received By: T. Nasa
 Relinquished By: T. Nasa
 Received By: T. Nasa

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - Social
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **381187**
 Page: **9** of **14** 2 Day:

Standard: 4 Day: 3 Day:
 1 Day: X Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 1 | 5/5/16 | 0953 | Soil | 1000 | X | Arsenic (USEPA 6020) Lead (USEPA 6010B) | HOOD/NATIVE |
| 2 | -1.5 | 0951 | | | | | HOOD/NATIVE |
| 3 | -2.5 | 0956 | | | | | HOOD/NATIVE |
| 4 | 5573B-0.5 | 1000 | | | X | | HOOD/NATIVE |
| 5 | -0.5 OWP | 1000 | | | X | | HOOD/NATIVE |
| 6 | -1.5 | 1003 | | | | | HOOD/NATIVE |
| 7 | -2.5 | 1005 | | | | | HOOD/NATIVE |
| 8 | 5573C-0.5 | 1001 | | | X | | HOOD/NATIVE |
| 9 | -1.5 | 1003 | | | | | HOOD/NATIVE |
| 10 | -2.5 | 1004 | | | | | HOOD/NATIVE |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|------------|--------------------|---------------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN BARD | ALTA ENVIRONMENTAL | 8/5/16 |
| 1 Received By: | <i>[Signature]</i> | I. NASSA | E.A. | 8/5/16 12:30 |
| 2 Relinquished By: | <i>[Signature]</i> | I. NASSA | E.A. | 08/05/16 1335 |
| 2 Received By: | <i>[Signature]</i> | TADP | | 8/5/16 1340 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **981187**

Page: **10** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 | 8/5/16 | 1017 | Soil | 1 Glass Jar | X | | Hold/Receive |
| 2 | 8/5/16 | 1019 | | | | | Hold/Receive |
| 3 | 8/5/16 | 1021 | | | | | Hold/Receive |
| 4 | 8/5/16 | 1014 | | | X | | Hold/Receive |
| 5 | 8/5/16 | 1017 | | | | | Hold/Receive |
| 6 | 8/5/16 | 1018 | | | | | Hold/Receive |
| 7 | 8/5/16 | 1015 | | | X | | Hold/Receive |
| 8 | 8/5/16 | 1016 | | | | | Hold/Receive |
| 9 | 8/5/16 | 1017 | | | | | Hold/Receive |
| 10 | 8/5/16 | 1025 | | | X | | Hold/Receive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|------------|--------------------|--------------|
| <i>[Signature]</i> | DAN BUD | Alta Environmental | 8/5/16 12:30 |
| <i>[Signature]</i> | E. A. | | 8/5/16 1:35 |
| <i>[Signature]</i> | ZADP. | | 8/5/16 1:40 |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

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Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

281187

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

Page:

1

of

14

2 Day:

1 Day:

X

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenvi.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Phone: 562-544-3910

Global ID: Los Angeles, CA

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 8/5/16 | 1026 | SW | 1600-2.5L | | Arsenic (USEPA 6020) | Hold / Negative |
| 2 | 8/5/16 | 1027 | | | | Lead (USEPA 6010B) | Hold / Negative |
| 3 | | 1030 | | | X | | Hold / Negative |
| 4 | | 1032 | | | | | Hold / Negative |
| 5 | | 1033 | | | | | Hold / Negative |
| 6 | | 1024 | | | X | | Hold / Negative |
| 7 | | 1026 | | | | | Hold / Negative |
| 8 | | 1028 | | | | | Hold / Negative |
| 9 | | 1049 | | | X | | Hold / Negative |
| 10 | | 1050 | | | | | Hold / Negative |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

2 Relinquished By:

3 Relinquished By:

Received By:

Received By:

Received By:

DAN BOND

ENRISA

ENRISA

ENRISA

ENRISA

ENRISA

ALTA ENVIRONMENTAL

E.A.

E.A.

E.A.

E.A.

E.A.

8/5/16 12:30

8/5/16 12:30

8/5/16 13:35

8/5/16 13:40

8/5/16 13:40

8/5/16 13:40

ENTHALPHY ANALYTICAL, INC.

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Phone: (714) 771-6900 Fax: (714) 771-9933

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c/o Montrorse Environmental Group

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Chain of Custody Record

Lab No:

381187

Page:

12

of

14

2 Day:

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

1 Day:

X

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Address: Long Beach, CA 90807

Address: Los Angeles, CA

Phone: 562-544-3910

Global ID:

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 8/5/16 | 1051 | Soil | 10416 | | Arsenic (USEPA 6020) | hold/preserve |
| 2 | | 10416 | | | | Lead (USEPA 6010B) | hold/preserve |
| 3 | | 1048 | | | | | hold/preserve |
| 4 | | 1050 | | | | | hold/preserve |
| 5 | | 1049 | | | | | hold/preserve |
| 6 | | 1051 | | | | | hold/preserve |
| 7 | | 1053 | | | | | hold/preserve |
| 8 | | 1103 | | | | | hold/preserve |
| 9 | | 1105 | | | | | hold/preserve |
| 10 | | 1106 | | | | | hold/preserve |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

DAN BIRD

ALTA ENVIRONMENTAL

8/5/16 12:30

1 Received By:

[Signature]

T. NASH

E. A.

8/5/16 1335

2 Relinquished By:

[Signature]

T. NASH

E. A.

8/5/16 1340

2 Received By:

[Signature]

Z. NASH

E. A.

8/5/16 1340

3 Relinquished By:

[Signature]

Z. NASH

E. A.

8/5/16 1340

3 Received By:

[Signature]

Z. NASH

E. A.

8/5/16 1340

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 Phone: (714) 771-6900 Fax: (714) 771-9933

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Chain of Custody Record

Lab No: **281187**

Page: **13** of **14**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | |
|-----------|--------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:
 Sample ID

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| 5582B-0.5 | 8/5/16 | 1101 | Soil | 16L/250ml | X | Arsenic (USEPA 6020) Lead (USEPA 6010B) | Hold/Archive D13 |
| -1.5 | | 1102 | | | | | Hold/Archive |
| -2.5 | | 1103 | | | | | Hold/Archive |
| 5582C-0.5 | | 1101 | | | X | | Hold/Archive |
| -1.5 | | 1103 | | | | | Hold/Archive |
| -2.5 | | 1106 | | | | | Hold/Archive |
| 5580A-0.5 | | 1207 | | | X | | Hold/Archive |
| -1.5 | | 1209 | | | | | Hold/Archive |
| -2.5 | | 1210 | | | | | Hold/Archive |
| 5580B-0.5 | | 1212 | | | X | | Hold/Archive |

Signature: *[Signature]* Print Name: DAN BIRD
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.
 Relinquished By: *[Signature]* E.A.
 Received By: *[Signature]* E.A.

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

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c/o Montrose Environmental Group

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Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: **281187**
 Page: **14** of **14**

| | | |
|-----------|----------|-----------|
| Standard: | 4 Day: | 3 Day: |
| 2 Day: | 1 Day: | Same Day: |
| | X | |

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------|---------------|---------------|--------|----------------------|-------|--|------------------------------|
| SS 806-1.5 | 8/5/16 | 1214 | Soil | 1 Glass Jar | | Arsenic (USEPA 6020) Lead (USEPA 6010B) | HOLD / ARCHIVE |
| SS 806-2.5 | | 1215 | | | | | HOLD / ARCHIVE |
| SS 806-0.5 | | 1206 | | | | | |
| .050UP | | 1208 | | | | | |
| -1.5 | | 1210 | | | | | |
| -7.5 | | 1207 | | | | | HOLD / ARCHIVE |
| EQBL0805-1 | | | | | | | |
| EQBL0805-2 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|------------|--------------------|--------------|
| 1 Relinquished By: | <i>[Signature]</i> | DAN ROYD | ALTA ENVIRONMENTAL | 8/5/16 |
| 1 Received By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 12:30 |
| 2 Relinquished By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 13:35 |
| 2 Received By: | <i>[Signature]</i> | T. Vega | E. A. | 8/5/16 13:40 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: ALTA ENVIRONMENTAL Project: JEFFERSON H.S.

Date Received: 08/05/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 3 NO (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 0.6° #2: 1.1° #3: 0.8° #4: _____

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | | <input checked="" type="checkbox"/> | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | <input checked="" type="checkbox"/> |

**If the answer is no, please inform Fish Bioassay department immediately.*

Section 4

Explanations/Comments: _____

Section 5

Was the Project Manager notified via email of discrepancies: Yes No N/A

Was the email sent to: _____

Project Manager's response: _____

Completed By: [Signature] Date: 08/05/16



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381364
Report Date: 09/13/2016
Date Received: 08/11/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

Supplement 2

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 381364-046 | SS93D-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:41 | Site: | |
| Sample #: <u>381364-046</u> | Client Sample #: SS93D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1170775 | |
| Lead | 27.6 | 1 | 0.32 | 0.5 | mg/Kg | 09/13/16 | 09/13/16 | JN |

| | | |
|-------------------------------------|-----------------------------|----------------------------------|
| QC BatchID: QC1170775 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 09/13/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1170775MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | 1.06 | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1170775LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 107 | | mg/Kg | 107 | | | 80-120 | | |
| Arsenic | 100 | | 93.1 | | mg/Kg | 93 | | | 80-120 | | |
| Barium | 100 | | 97.9 | | mg/Kg | 98 | | | 80-120 | | |
| Beryllium | 100 | | 88.5 | | mg/Kg | 89 | | | 80-120 | | |
| Cadmium | 100 | | 97.2 | | mg/Kg | 97 | | | 80-120 | | |
| Chromium | 100 | | 98.3 | | mg/Kg | 98 | | | 80-120 | | |
| Cobalt | 100 | | 99.9 | | mg/Kg | 100 | | | 80-120 | | |
| Copper | 100 | | 93.5 | | mg/Kg | 94 | | | 80-120 | | |
| Lead | 100 | | 99.1 | | mg/Kg | 99 | | | 80-120 | | |
| Molybdenum | 100 | | 105 | | mg/Kg | 105 | | | 80-120 | | |
| Nickel | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Selenium | 100 | | 85.4 | | mg/Kg | 85 | | | 80-120 | | |
| Silver | 100 | | 94.8 | | mg/Kg | 95 | | | 80-120 | | |
| Thallium | 100 | | 87.4 | | mg/Kg | 87 | | | 80-120 | | |
| Vanadium | 100 | | 97.6 | | mg/Kg | 98 | | | 80-120 | | |
| Zinc | 100 | | 91.9 | | mg/Kg | 92 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1170775MS1, QC1170775MSD1 | | | | | | | | | | | Source: 382368-001 | |
| Antimony | ND | 100 | 100 | 40.9 | 39.6 | mg/Kg | 42 | 40 | 3.2 | 75-125 | 20 | M |
| Arsenic | 0.80 | 100 | 100 | 95.1 | 93.1 | mg/Kg | 94 | 92 | 2.1 | 75-125 | 20 | |
| Barium | 29.0 | 100 | 100 | 127 | 133 | mg/Kg | 98 | 104 | 4.6 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 91.3 | 89.7 | mg/Kg | 92 | 90 | 1.8 | 75-125 | 20 | |
| Cadmium | ND | 100 | 100 | 94.1 | 91.2 | mg/Kg | 95 | 92 | 3.1 | 75-125 | 20 | |
| Chromium | 8.08 | 100 | 100 | 105 | 102 | mg/Kg | 97 | 94 | 2.9 | 75-125 | 20 | |
| Cobalt | 2.83 | 100 | 100 | 99.9 | 95.7 | mg/Kg | 97 | 93 | 4.3 | 75-125 | 20 | |
| Copper | ND | 100 | 100 | 95.4 | 94.7 | mg/Kg | 96 | 95 | 0.7 | 75-125 | 20 | |
| Lead | 2.09 | 100 | 100 | 98.6 | 97.3 | mg/Kg | 97 | 95 | 1.3 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1170775</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 09/13/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1170775MS1, QC1170775MSD1 | | | | | | | | | | | Source: 382368-001 | |
| Molybdenum | ND | 100 | 100 | 95.2 | 93.4 | mg/Kg | 96 | 94 | 1.9 | 75-125 | 20 | |
| Nickel | 4.03 | 100 | 100 | 104 | 98.9 | mg/Kg | 100 | 95 | 5.0 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 85.8 | 82.9 | mg/Kg | 88 | 85 | 3.4 | 75-125 | 20 | |
| Silver | ND | 50 | 50 | 90.5 | 88.0 | mg/Kg | | | | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 80.4 | 78.3 | mg/Kg | 83 | 81 | 2.6 | 75-125 | 20 | |
| Vanadium | 13.8 | 100 | 100 | 110 | 108 | mg/Kg | 96 | 94 | 1.8 | 75-125 | 20 | |
| Zinc | 9.24 | 100 | 100 | 104 | 100 | mg/Kg | 95 | 91 | 3.9 | 75-125 | 20 | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **30136A**
 Page: 1 of 7

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

Turn Around Time (Rush by advanced notice only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|----------------------|--|---------------------|-----------------------|---------|------|-----------------------|-----------------|------------------------------|------|
| Company: | Alta Environmental | Name: | Jefferson High School | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| | Long Beach, CA 90807 | | Los Angeles, CA | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| Phone: | 562-544-3910 | Global ID: | | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |
| Fax: | 562-495-5877 | Sampled By: | | Matrix: | Soil | Container No. / Size: | 1 x 8 ounce jar | Pres.: | None |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS1D-0.5 | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | Lead (USEPA 6010B) X | Hold and Archive |
| 2 SS1D-0.5DUP | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 3 SS1D-1.5 | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS1D-2.5 | 08/11/16 | 0741 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 5 SS2D-0.5 | 08/11/16 | 0742 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 6 SS2D-1.5 | 08/11/16 | 0743 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 SS2D-2.5 | 08/11/16 | 0744 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 8 SS27D-0.5 | 08/11/16 | 0823 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 9 SS27D-1.5 | 08/11/16 | 0824 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 10 SS27D-2.5 | 08/11/16 | 0826 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|------------|-----------------|--------------|
| | Bina Patel | Alta | 08/11/16 |
| | Tony D | EA | 8/11/16 1521 |
| | | | |
| | | | |
| | | | |
| | | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **301364**
 Page: 2 of 7

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

Arsenic (USEPA 6020) X
 Lead (USEPA 6010B) X

Test Instructions / Comments

Hold and Archive
 Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|----------------|---------------|---------------|--------|----------------------|-------|
| 1 SS27E-0.5 | 08/11/16 | 0840 | Soil | 1 x 8 ounce jar | None |
| 2 SS27E-1.5 | 08/11/16 | 0842 | Soil | 1 x 8 ounce jar | None |
| 3 SS27E-2.5 | 08/11/16 | 0844 | Soil | 1 x 8 ounce jar | None |
| 4 SS27E-0.5 | 08/11/16 | 0850 | Soil | 1 x 8 ounce jar | None |
| 5 SS27E-0.5DUP | 08/11/16 | 0850 | Soil | 1 x 8 ounce jar | None |
| 6 SS27E-1.5 | 08/11/16 | 0855 | Soil | 1 x 8 ounce jar | None |
| 7 SS27E-2.5 | 08/11/16 | 0857 | Soil | 1 x 8 ounce jar | None |
| 8 SS32D-0.5 | 08/11/16 | 0859 | Soil | 1 x 8 ounce jar | None |
| 9 SS32D-1.5 | 08/11/16 | 0901 | Soil | 1 x 8 ounce jar | None |
| 10 SS32D-2.5 | 08/11/16 | 0903 | Soil | 1 x 8 ounce jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|------------|-----------------|--------------|
| | Bina Patel | Alta | 08/11/16 |
| | Tony D | BA | 8/11/16 1524 |
| 1 Relinquished By: | | | |
| 1 Received By: | | | |
| 2 Relinquished By: | | | |
| 2 Received By: | | | |
| 3 Relinquished By: | | | |
| 3 Received By: | | | |

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 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 30196A
 Page: 3 of 7
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 1 Day: X Same Day:
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|---|-----------------------------|--------|----------------------|---------------------|----------------------|-------|------------------------------|------------------|--|--|--|------------------------------|--|--|--|
| Company: | Name: | Matrix | Container No. / Size | Matrix | Container No. / Size | Pres. | Test Instructions / Comments | | | | | | | | |
| Alta Environmental | Jefferson High School | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | | | | | | | | | |
| Report To: Eric Fraske | Number: LAUS-16-6101 | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | Hold and Archive | | | | | | | | |
| Email: eric.fraske@altaenviron.com | P.O. #: 1319 E. 41st Street | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | Hold and Archive | | | | | | | | |
| Address: 3777 Long Beach Boulevard | Address: Los Angeles, CA | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | | | | | | | | | |
| Phone: 562-544-3910 | Global ID: | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | | | | | | | | | |
| Fax: 562-495-5877 | Sampled By: | Soil | 1 x 8 ounce jar | Soil | 1 x 8 ounce jar | None | | | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS55D-0.5 | 08/11/16 | 1006 | Soil | 1 x 8 ounce jar | None | X | |
| 2 SS55D-1.5 | 08/11/16 | 1008 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 3 SS55D-2.5 | 08/11/16 | 1010 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS68D-0.5 | 08/11/16 | 1014 | Soil | 1 x 8 ounce jar | None | X | |
| 5 SS68D-0.5DUP | 08/11/16 | 1015 | Soil | 1 x 8 ounce jar | None | X | |
| 6 SS68D-1.5 | 08/11/16 | 1017 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 SS68D-2.5 | 08/11/16 | 1018 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 8 SS79D-0.5 | 08/11/16 | 0911 | Soil | 1 x 8 ounce jar | None | X | |
| 9 SS79D-0.5DUP | 08/11/16 | 0913 | Soil | 1 x 8 ounce jar | None | X | |
| 10 SS79D-1.5 | 08/11/16 | 0914 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|------------|-----------------|-------------|
| | Bina Patel | Alta | 08/11/16 |
| | Tony D | EA | 08/11/16 |
| 1 Relinquished By: | | | |
| 1 Received By: | | | |
| 2 Relinquished By: | | | |
| 2 Received By: | | | |
| 3 Relinquished By: | | | |
| 3 Received By: | | | |

ENTHALPHY ANALYTICAL, INC.

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c/o Montrose Environmental Group

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Chain of Custody Record

Lab No: *901364*

Page: 4 of 7

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Standard:

2 Day: X

4 Day:

1 Day:

3 Day:

Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Analysis Request

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|------------------------------|
| 1 SS79D-2.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 2 SS79E-0.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 3 SS79E-1.5 | 08/11/16 | 0912 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 4 SS79E-2.5 | 08/11/16 | 0913 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 5 SS79F-0.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 6 SS79F-1.5 | 08/11/16 | 0920 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 7 SS79F-2.5 | 08/11/16 | 0912 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 8 SS87D-0.5 | 08/11/16 | 0934 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 9 SS87D-0.5DUP | 08/11/16 | 0930 | Soil | 1 x 8 ounce jar | None | Hold and Archive |
| 10 SS87D-1.5 | 08/11/16 | 0936 | Soil | 1 x 8 ounce jar | None | Hold and Archive |

Test Instructions / Comments

Signature

[Signature]

Print Name

Bina Patel
 Tony D

Company / Title

Alta
 EA

Date / Time

08/11/16
 8/11/16 1524

¹ Relinquished By:

¹ Received By:

² Relinquished By:

² Received By:

³ Relinquished By:

³ Received By:

ENTHALPY ANALYTICAL, INC.
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Chain of Custody Record
 Lab No: *301304*
 Page: 5 of 7
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: X Same Day:

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | ANALYSIS REQUEST | | | | TEST INSTRUCTIONS / COMMENTS | | | | | | | |
|----------------------|-----------------------------|-------------|-----------------------|---------------------|--|---------------|--|------------------|--|--------|--|------------------------------|--|-------|--|--|--|--|--|
| Company: | Alta Environmental | Name: | Jefferson High School | Sample ID | | Sampling Date | | Sampling Time | | Matrix | | Container No. / Size | | Pres. | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | | | | | | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | | | | | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street | | | | | | | | | | | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, CA | | | | | | | | | | | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | | | | | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|----|-----------|----------|---------------------------------|------|-----------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------|------------------|
| 1 | SS87D-2.5 | 08/11/16 | 0925 ⁰⁹²⁷ | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | Hold and Archive | |
| 2 | SS87E-0.5 | 08/11/16 | 0925 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 3 | SS87E-1.5 | 08/11/16 | 0926 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 4 | SS87E-2.5 | 08/11/16 | 0927 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 5 | SS93D-0.5 | 08/11/16 | 0839 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 6 | SS93D-1.5 | 08/11/16 | 0841 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 7 | SS93D-2.5 | 08/11/16 | 0843 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 8 | SS93E-0.5 | 08/11/16 | 0831 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 9 | SS93E-1.5 | 08/11/16 | 0833 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |
| 10 | SS93E-2.5 | 08/11/16 | 0835 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | | | Hold and Archive |

| Signature | | Print Name | | Company / Title | | Date / Time | |
|--------------------|--|------------|------|-----------------|--|-------------|-------|
| <i>[Signature]</i> | | Bina Patel | Alta | | | 08/11/16 | |
| <i>[Signature]</i> | | Tony D | EA | | | 8/11/16 | (521) |
| 1 Relinquished By: | | | | | | | |
| 1 Received By: | | | | | | | |
| 2 Relinquished By: | | | | | | | |
| 2 Received By: | | | | | | | |
| 3 Relinquished By: | | | | | | | |
| 3 Received By: | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: 201364
 Page: 6 of 7
 Standard: 4 Day: 1 Day: X 3 Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | ANALYSIS REQUEST | | | | TEST INSTRUCTIONS / COMMENTS | | | |
|----------------------|-----------------------------|-------------|-----------------------|---------------------|------------|---------------|------|------------------|------|--------|-----------------|------------------------------|------|-------|---|
| Company: | Alta Environmental | Name: | Jefferson High School | Sample ID | | Sampling Date | | Sampling Time | | Matrix | | Container No. / Size | | Pres. | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | 1 | SS93F-0.5 | 08/11/16 | 0600 | 0600 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | X |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | 2 | SS93F-1.5 | 08/11/16 | 0610 | 0610 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street | 3 | SS93F-2.5 | 08/11/16 | 0612 | 0612 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| | Long Beach, CA 90807 | | Los Angeles, CA | 4 | SS95D-0.5 | 08/11/16 | 0602 | 0602 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | X |
| Phone: | 562-544-3910 | Global ID: | | 5 | SS95D-1.5 | 08/11/16 | 0603 | 0603 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| Fax: | 562-495-5877 | Sampled By: | | 6 | SS95D-2.5 | 08/11/16 | 0604 | 0604 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| | | | | 7 | SS103D-0.5 | 08/11/16 | 0729 | 0729 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| | | | | 8 | SS103D-1.5 | 08/11/16 | 0733 | 0733 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| | | | | 9 | SS103D-2.5 | 08/11/16 | 0735 | 0735 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | |
| | | | | 10 | SS103E-0.5 | 08/11/16 | 0719 | 0719 | Soil | Soil | 1 x 8 ounce jar | 1 x 8 ounce jar | None | None | X |

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | ANALYSIS REQUEST | | | | TEST INSTRUCTIONS / COMMENTS | | | |
|----------------------|--|------------|------|---------------------|--|-------------|--|--------------------|--|------------|--|------------------------------|--|-------------|------|
| Signature | | Print Name | | Company / Title | | Date / Time | | Signature | | Print Name | | Company / Title | | Date / Time | |
| 1 Relinquished By: | | Bina Patel | Alta | | | 08/11/16 | | 1 Relinquished By: | | Alta | | | | 08/11/16 | |
| 1 Received By: | | Tommy D | EA | | | 08/11/16 | | 1 Received By: | | EA | | | | 08/11/16 | 1521 |
| 2 Relinquished By: | | | | | | | | 2 Relinquished By: | | | | | | | |
| 2 Received By: | | | | | | | | 2 Received By: | | | | | | | |
| 3 Relinquished By: | | | | | | | | 3 Relinquished By: | | | | | | | |
| 3 Received By: | | | | | | | | 3 Received By: | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: _____ Standard: _____ 4 Day: _____ 3 Day: _____
 Page: 7 of 7 2 Day: _____ 1 Day: _____ X Same Day: _____

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: _____ 4 Day: _____ 3 Day: _____
 1 Day: _____ X Same Day: _____

CUSTOMER INFORMATION

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #: _____
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID: _____
 Fax: 562-495-5877 Sampled By: _____

PROJECT INFORMATION

Analysis Request: _____
 Test Instructions / Comments: _____

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|-----------------|---------------|---------------|--------|----------------------|------------------|
| 1 SS103E-0.5DUP | 08/11/16 | 0710 | Soil | 1 x 8 ounce jar | None |
| 2 SS103E-1.5 | 08/11/16 | 0710 | Soil | 1 x 8 ounce jar | None |
| 3 SS103E-2.5 | 08/11/16 | 0724 | Soil | 1 x 8 ounce jar | None |
| 4 SS103F-0.5 | 08/11/16 | 0706 | Soil | 1 x 8 ounce jar | None |
| 5 SS103F-1.5 | 08/11/16 | 0710 | Soil | 1 x 8 ounce jar | None |
| 6 SS103F-2.5 | 08/11/16 | 0712 | Soil | 1 x 8 ounce jar | None |
| 7 E0810811-1 | 08/11/16 | 1030 | Water | 1 x poly (500 mL) | HNO ₃ |
| 8 E0810811-2 | 08/11/16 | 1030 | Water | 1 x poly (500 mL) | HNO ₃ |
| 9 | | | | | |
| 10 | | | | | |

| Sample ID | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Test Instructions / Comments |
|-----------|----------------------|--------------------|------------------------------|
| 1 | | X | |
| 2 | | | Hold and Archive |
| 3 | | | Hold and Archive |
| 4 | X | | |
| 5 | | | Hold and Archive |
| 6 | | | Hold and Archive |
| 7 | X | | |
| 8 | X | | |
| 9 | | | |
| 10 | | | |

Signature

[Signature]

Print Name

Bina Patel
 Tony D

Company / Title

Alta
 EA

Date / Time

08/11/16
 08/11/16 1521

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Alta Environmental Project: Jefferson High School

Date Received: 8/11/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 2 NO (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 11.6 #2: 12.7 #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: X Ice _____ Ice Packs _____ Bubble Wrap _____ Styrofoam _____

_____ Paper _____ None _____ Other _____

Cooler Temp (°C): #1: -0.2 #2: -0.2 #3: _____ #4: _____

| Section 3 | YES | NO | N/A |
|--|-----|----|-----|
| Was a COC received? | X | | |
| Were IDs present? | X | | |
| Were sampling dates & times present? | X | | |
| Was a signature present? | X | | |
| Were tests clearly indicated? | X | | |
| Were custody seals present? | | + | |
| If Yes – were they intact? | | | + |
| Were all samples sealed in plastic bags? | | X | |
| Did all samples arrive intact? If no, indicate below. | X | | |
| Did all bottle labels agree with COC? (ID, dates and times) | X | | |
| Were correct containers used for the tests required? | X | | |
| Was a sufficient amount of sample sent for tests indicated? | X | | |
| Was there headspace in VOA vials? | | | X |
| Were the containers labeled with correct preservatives? | | | X |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | X |

*If the answer is no, please inform Fish Bioassay department immediately.

Section 4

Explanations/Comments: _____

Section 5

Was the Project Manager notified via email of discrepancies: Yes No N/A

Was the email sent to: _____

Project Manager's response: _____

Completed By: [Signature] Date: 8/11/16

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Monday, September 12, 2016 2:18 PM
To: Ranjit Clarke
Subject: RE: Thomas Jefferson High School

Hi Ranjit,

Sorry, I hit send too quickly on my last email. SS93D-1.5 at Jefferson High School was collected on 8/11/2016 and is associated with lab report 381364.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Eric Fraske
Sent: Monday, September 12, 2016 2:17 PM
To: 'Ranjit Clarke' <Ranjit.Clarke@enthalpy.com>
Subject: Thomas Jefferson High School

Hi Ranjit,

Please analyze sample ss93D-1.5 for lead by method 6010 on a 24-rush schedule.

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 381364
Report Date: 08/15/2016
Date Received: 08/11/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 381364-001 | SS1D-0.5 | 381364-025 | SS68D-0.5 DUP | 381364-049 | SS93E-1.5 |
| 381364-002 | SS1D-0.5 DUP | 381364-026 | SS68D-1.5 | 381364-050 | SS93E-2.5 |
| 381364-003 | SS1D-1.5 | 381364-027 | SS68D-2.5 | 381364-051 | SS93F-0.5 |
| 381364-004 | SS1D-2.5 | 381364-028 | SS79D-0.5 | 381364-052 | SS93F-1.5 |
| 381364-005 | SS2D-0.5 | 381364-029 | SS79D-0.5 DUP | 381364-053 | SS93F-2.5 |
| 381364-006 | SS2D-1.5 | 381364-030 | SS79D-1.5 | 381364-054 | SS95D-0.5 |
| 381364-007 | SS2D-2.5 | 381364-031 | SS79D-2.5 | 381364-055 | SS95D-1.5 |
| 381364-008 | SS27D-0.5 | 381364-032 | SS79E-0.5 | 381364-056 | SS95D-2.5 |
| 381364-009 | SS27D-1.5 | 381364-033 | SS79E-1.5 | 381364-057 | SS103D-0.5 |
| 381364-010 | SS27D-2.5 | 381364-034 | SS79E-2.5 | 381364-058 | SS103D-1.5 |
| 381364-011 | SS27E-0.5 | 381364-035 | SS79F-0.5 | 381364-059 | SS103D-2.5 |
| 381364-012 | SS27E-1.5 | 381364-036 | SS79F-1.5 | 381364-060 | SS103E-0.5 |
| 381364-013 | SS27E-2.5 | 381364-037 | SS79F-2.5 | 381364-061 | SS103E-0.5 DUP |
| 381364-014 | SS27F-0.5 | 381364-038 | SS87D-0.5 | 381364-062 | SS103E-1.5 |
| 381364-015 | SS27F-0.5 DUP | 381364-039 | SS87D-0.5 DUP | 381364-063 | SS103E-2.5 |
| 381364-016 | SS27F-1.5 | 381364-040 | SS87D-1.5 | 381364-064 | SS103F-0.5 |
| 381364-017 | SS27F-2.5 | 381364-041 | SS87D-2.5 | 381364-065 | SS103F-1.5 |
| 381364-018 | SS32D-0.5 | 381364-042 | SS87E-0.5 | 381364-066 | SS103F-2.5 |
| 381364-019 | SS32D-1.5 | 381364-043 | SS87E-1.5 | 381364-067 | EQBL0811-1 |
| 381364-020 | SS32D-2.5 | 381364-044 | SS87E-2.5 | 381364-068 | EQBL0811-2 |
| 381364-021 | SS55D-0.5 | 381364-045 | SS93D-0.5 | | |
| 381364-022 | SS55D-1.5 | 381364-046 | SS93D-1.5 | | |
| 381364-023 | SS55D-2.5 | 381364-047 | SS93D-2.5 | | |
| 381364-024 | SS68D-0.5 | 381364-048 | SS93E-0.5 | | |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:36 | Site: | |
| Sample #: <u>381364-001</u> | Client Sample #: SS1D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 15.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:36 | Site: | |
| Sample #: <u>381364-002</u> | Client Sample #: SS1D-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 23.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:38 | Site: | |
| Sample #: <u>381364-003</u> | Client Sample #: SS1D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:41 | Site: | |
| Sample #: <u>381364-004</u> | Client Sample #: SS1D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:42 | Site: | |
| Sample #: <u>381364-005</u> | Client Sample #: SS2D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 117 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:43 | Site: | |
| Sample #: <u>381364-006</u> | Client Sample #: SS2D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:44 | Site: | |
| Sample #: <u>381364-007</u> | Client Sample #: SS2D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:23 | Site: | |
| Sample #: <u>381364-008</u> | Client Sample #: SS27D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 65.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:24 | Site: | |
| Sample #: <u>381364-009</u> | Client Sample #: SS27D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:26 | Site: | |
| Sample #: <u>381364-010</u> | Client Sample #: SS27D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:40 | Site: | |
| Sample #: <u>381364-011</u> | Client Sample #: SS27E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 50.3 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:42 | Site: | |
| Sample #: <u>381364-012</u> | Client Sample #: SS27E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:44 | Site: | |
| Sample #: <u>381364-013</u> | Client Sample #: SS27E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:50 | Site: | |
| Sample #: <u>381364-014</u> | Client Sample #: SS27F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 63.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169923 | |
| Arsenic | 3.79 | 10 | 0.2 | 3 | mg/Kg | | 08/12/16 | MH |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:50 | Site: | |
| Sample #: <u>381364-015</u> | Client Sample #: SS27F-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 31.7 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169923 | |
| Arsenic | 3.99 | 10 | 0.2 | 3 | mg/Kg | | 08/12/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:55 | Site: | |
| Sample #: <u>381364-016</u> | Client Sample #: SS27F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:57 | Site: | |
| Sample #: <u>381364-017</u> | Client Sample #: SS27F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 06:59 | Site: | |
| Sample #: <u>381364-018</u> | Client Sample #: SS32D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 63.4 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:01 | Site: | |
| Sample #: <u>381364-019</u> | Client Sample #: SS32D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:03 | Site: | |
| Sample #: <u>381364-020</u> | Client Sample #: SS32D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:06 | Site: | |
| Sample #: <u>381364-021</u> | Client Sample #: SS55D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|-------------------------------|------------------------|----|-----|-----|-------|----------|----------------------|-------|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169923 | |
| Arsenic | 2.39 J | 10 | 0.2 | 3 | mg/Kg | | 08/12/16 | MH J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:08 | Site: | |
| Sample #: <u>381364-022</u> | Client Sample #: SS55D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:10 | Site: | |
| Sample #: <u>381364-023</u> | Client Sample #: SS55D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:14 | Site: | |
| Sample #: <u>381364-024</u> | Client Sample #: SS68D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 241 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:15 | Site: | |
| Sample #: <u>381364-025</u> | Client Sample #: SS68D-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 31.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:17 | Site: | |
| Sample #: <u>381364-026</u> | Client Sample #: SS68D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:18 | Site: | |
| Sample #: <u>381364-027</u> | Client Sample #: SS68D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:12 | Site: | |
| Sample #: <u>381364-028</u> | Client Sample #: SS79D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 57.1 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:13 | Site: | |
| Sample #: <u>381364-029</u> | Client Sample #: SS79D-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 121 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:14 | Site: | |
| Sample #: <u>381364-030</u> | Client Sample #: SS79D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:16 | Site: | |
| Sample #: <u>381364-031</u> | Client Sample #: SS79D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:10 | Site: | |
| Sample #: <u>381364-032</u> | Client Sample #: SS79E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 49.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:12 | Site: | |
| Sample #: <u>381364-033</u> | Client Sample #: SS79E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:13 | Site: | |
| Sample #: <u>381364-034</u> | Client Sample #: SS79E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:18 | Site: | |
| Sample #: <u>381364-035</u> | Client Sample #: SS79F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 88.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:20 | Site: | |
| Sample #: <u>381364-036</u> | Client Sample #: SS79F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:22 | Site: | |
| Sample #: <u>381364-037</u> | Client Sample #: SS79F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:34 | Site: | |
| Sample #: <u>381364-038</u> | Client Sample #: SS87D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 108 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:35 | Site: | |
| Sample #: <u>381364-039</u> | Client Sample #: SS87D-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 40.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:36 | Site: | |
| Sample #: <u>381364-040</u> | Client Sample #: SS87D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:37 | Site: | |
| Sample #: <u>381364-041</u> | Client Sample #: SS87D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:25 | Site: | |
| Sample #: <u>381364-042</u> | Client Sample #: SS87E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 57.0 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:26 | Site: | |
| Sample #: <u>381364-043</u> | Client Sample #: SS87E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 09:27 | Site: | |
| Sample #: <u>381364-044</u> | Client Sample #: SS87E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:39 | Site: | |
| Sample #: <u>381364-045</u> | Client Sample #: SS93D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 180 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:41 | Site: | |
| Sample #: <u>381364-046</u> | Client Sample #: SS93D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:43 | Site: | |
| Sample #: <u>381364-047</u> | Client Sample #: SS93D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:31 | Site: | |
| Sample #: <u>381364-048</u> | Client Sample #: SS93E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 74.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:33 | Site: | |
| Sample #: <u>381364-049</u> | Client Sample #: SS93E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:35 | Site: | |
| Sample #: <u>381364-050</u> | Client Sample #: SS93E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:08 | Site: | |
| Sample #: <u>381364-051</u> | Client Sample #: SS93F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169905 | |
| Lead | 22.3 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:10 | Site: | |
| Sample #: <u>381364-052</u> | Client Sample #: SS93F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:12 | Site: | |
| Sample #: <u>381364-053</u> | Client Sample #: SS93F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:02 | Site: | |
| Sample #: <u>381364-054</u> | Client Sample #: SS95D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169907 | |
| Lead | 31.8 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:03 | Site: | |
| Sample #: <u>381364-055</u> | Client Sample #: SS95D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 08:04 | Site: | |
| Sample #: <u>381364-056</u> | Client Sample #: SS95D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:29 | Site: | |
| Sample #: <u>381364-057</u> | Client Sample #: SS103D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169907 | |
| Lead | 112 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:33 | Site: | |
| Sample #: <u>381364-058</u> | Client Sample #: SS103D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:35 | Site: | |
| Sample #: <u>381364-059</u> | Client Sample #: SS103D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:19 | Site: | |
| Sample #: <u>381364-060</u> | Client Sample #: SS103E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169907 | |
| Lead | 56.2 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|--|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:20 | Site: | |
| Sample #: <u>381364-061</u> | Client Sample #: SS103E-0.5 DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169907 | |
| Lead | 84.3 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:22 | Site: | |
| Sample #: <u>381364-062</u> | Client Sample #: SS103E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:24 | Site: | |
| Sample #: <u>381364-063</u> | Client Sample #: SS103E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:08 | Site: | |
| Sample #: <u>381364-064</u> | Client Sample #: SS103F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1169907 | |
| Lead | 63.6 | 1 | 0.32 | 0.5 | mg/Kg | 08/11/16 | 08/12/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:10 | Site: | |
| Sample #: <u>381364-065</u> | Client Sample #: SS103F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 07:12 | Site: | |
| Sample #: <u>381364-066</u> | Client Sample #: SS103F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:30 | Site: | |
| Sample #: <u>381364-067</u> | Client Sample #: EQBL0811-1 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169917 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/11/16 | 08/12/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169918 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/12/16 | 08/15/16 | MH |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 08/11/2016 10:30 | Site: | |
| Sample #: <u>381364-068</u> | Client Sample #: EQBL0811-2 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169917 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 08/11/16 | 08/12/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1169918 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 08/12/16 | 08/15/16 | MH |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169905</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169905MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169905LCS1 | | | | | | | | | | | |
| Lead | 100 | | 97.3 | | mg/Kg | 97 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169905MS1, QC1169905MSD1 | | | | | | | | | | | | |
| Lead | 15.1 | 100 | 100 | 118 | 112 | mg/Kg | 103 | 97 | 5.2 | 75-125 | 20 | Source: 381364-001 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169907</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 08/12/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1169907MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169907LCS1 | | | | | | | | | | | |
| Lead | 100 | | 90.4 | | mg/Kg | 90 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169907MS1, QC1169907MSD1 | | | | | | | | | | | | |
| Lead | 31.8 | 100 | 100 | 128 | 138 | mg/Kg | 96 | 106 | 7.5 | 75-125 | 20 | Source: 381364-054 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169917</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Water | Analyzed: 08/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|-------|-------|-------|
| QC1169917MB1 | | | | | |
| Lead | ND | mg/L | 0.004 | 0.005 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169917LCS1 | | | | | | | | | | | |
| Lead | 2 | | 1.88 | | mg/L | 94 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169917MS1, QC1169917MSD1 | | | | | | | | | | | | |
| Lead | ND | 1 | 1 | 0.965 | 0.978 | mg/L | 97 | 98 | 1.3 | 75-125 | 20 | Source: 381364-067 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169918</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Water | Analyzed: 08/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169918MB1 | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169918LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 51.4 | | ug/L | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169918MS1, QC1169918MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 50 | 50 | 50.3 | 50.4 | ug/L | 101 | 101 | 0.2 | 75-125 | 20 | Source: 381364-068 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1169923</u> | Analyst: mhuo | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 08/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1169923MB1 | | | | | |
| Arsenic | ND | mg/Kg | 0.02 | 0.3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1169923LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 51.4 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1169923MS1, QC1169923MSD1 | | | | | | | | | | | | |
| Arsenic | 3.79 | 50 | 50 | 50.2 | 51.9 | mg/Kg | 93 | 104 | 3.3 | 75-125 | 20 | Source: 381364-014 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

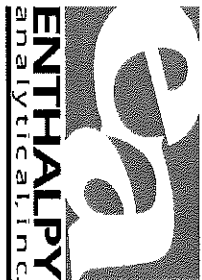
Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No:

381364

Page:

1 of 7

Turn Around Time (Rush by advanced notice only)

Standard:

4 Day:

3 Day:

1 Day:

Same Day:

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid Seaw = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental

Report To: Eric Fraske

Email: eric.fraske@altaenviiron.com

Address: 3777 Long Beach Boulevard

Phone: 562-544-3910

Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School

Number: LAUS-16-6101

P.O. #:

Address: 1319 E. 41st Street

Global ID: Los Angeles, CA

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS1D-0.5 | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | Arsenic (USEPA 6020) | |
| 2 SS1D-0.5DUP | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | Lead (USEPA 6010B) | |
| 3 SS1D-1.5 | 08/11/16 | 0736 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS1D-2.5 | 08/11/16 | 0741 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 5 SS2D-0.5 | 08/11/16 | 0742 | Soil | 1 x 8 ounce jar | None | | |
| 6 SS2D-1.5 | 08/11/16 | 0743 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 SS2D-2.5 | 08/11/16 | 0744 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 8 SS2D-0.5 | 08/11/16 | 0823 | Soil | 1 x 8 ounce jar | None | | |
| 9 SS2D-1.5 | 08/11/16 | 0824 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 10 SS2D-2.5 | 08/11/16 | 0826 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|------------|-----------------|---------------|
| 1 Relinquished By: | <i>[Signature]</i> | Bina Patel | Attx | 08/11/16 |
| 2 Relinquished By: | <i>[Signature]</i> | Tang D | EA | 08/11/16 1521 |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - Social
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 301304
 Page: 2 of 7

Standard: _____
 2 Day: _____

4 Day: _____
 1 Day: _____

3 Day: _____
 Same Day: _____

Matrix: A = Air DW = Drinking Water

FL = Food Liquid FS = Food Solid L = Liquid

PP = Pure Product S = Solid SeaW = Sea Water

SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental

Name: Jefferson High School

Report To: Eric Fraske

Number: LAUS-16-6101

Email: eric.fraske@altaenviron.com

P.O. #:

Address: 3777 Long Beach Boulevard

Address: 1319 E. 41st Street

Phone: 562-544-3910

Global ID: Los Angeles, CA

Fax: 562-495-5877

Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Analysis Request | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------|------------------------------|
| 1 SS27E-0.5 | 08/11/16 | 0840 | Soil | 1 x 8 ounce jar | None | | X | | |
| 2 SS27E-1.5 | 08/11/16 | 0842 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 3 SS27E-2.5 | 08/11/16 | 0844 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 4 SS27F-0.5 | 08/11/16 | 0850 | Soil | 1 x 8 ounce jar | None | X | X | | |
| 5 SS27F-0.5DUP | 08/11/16 | 0850 | Soil | 1 x 8 ounce jar | None | X | X | | |
| 6 SS27F-1.5 | 08/11/16 | 0855 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 7 SS27F-2.5 | 08/11/16 | 0857 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 8 SS32D-0.5 | 08/11/16 | 0859 | Soil | 1 x 8 ounce jar | None | | X | | |
| 9 SS32D-1.5 | 08/11/16 | 0901 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 10 SS32D-2.5 | 08/11/16 | 0903 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |

Signature _____ Print Name _____ Company / Title _____ Date / Time _____

1 Relinquished By: [Signature] Print Name Bina Patel Company / Title Alta Date / Time 08/11/16

1 Received By: [Signature] Print Name Tony D Company / Title EA Date / Time 8/11/16 1524

2 Relinquished By: _____

2 Received By: _____

3 Relinquished By: _____

3 Received By: _____

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: 801904
 Page: 3 of 7

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Soil Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Street
 Los Angeles, CA
 Global ID:
 Sampled By:

Analysis Request

| | |
|----------------------|-------------------------------------|
| Arsenic (USEPA 6020) | <input checked="" type="checkbox"/> |
| Lead (USEPA 6010B) | <input type="checkbox"/> |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SSS5D-0.5 | 08/11/16 | 1606 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 2 SSS5D-1.5 | 08/11/16 | 1608 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 3 SSS5D-2.5 | 08/11/16 | 1610 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS68D-0.5 | 08/11/16 | 1614 | Soil | 1 x 8 ounce jar | None | X | |
| 5 SS68D-0.5DUP | 08/11/16 | 1615 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 6 SS68D-1.5 | 08/11/16 | 1617 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 SS68D-2.5 | 08/11/16 | 1618 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 8 SS79D-0.5 | 08/11/16 | 0912 | Soil | 1 x 8 ounce jar | None | X | |
| 9 SS79D-0.5DUP | 08/11/16 | 0913 | Soil | 1 x 8 ounce jar | None | X | |
| 10 SS79D-1.5 | 08/11/16 | 0914 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|------------|-----------------|---------------|
| | Bina Patel | Alta | 08/11/16 1521 |
| | Dave D | EA | |
| | | | |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: *MB1364*
 Page: 4 of 7

Standard: 2 Day:

4 Day: 1 Day: X

3 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | | | | | | | | | |
|--------------------|---------------|---------------|--------------------|----------------------|------------|----------------------|--------------------|--|---------------|--|--|--|--|--|--|--|--|------------------|
| 1 SS79D-2.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| 2 SS79E-0.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | X | | | | | | | | | | | | Hold and Archive |
| 3 SS79E-1.5 | 08/11/16 | 0912 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| 4 SS79E-2.5 | 08/11/16 | 0913 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| 5 SS79F-0.5 | 08/11/16 | 0916 | Soil | 1 x 8 ounce jar | None | | X | | | | | | | | | | | Hold and Archive |
| 6 SS79F-1.5 | 08/11/16 | 0910 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| 7 SS79F-2.5 | 08/11/16 | 0912 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| 8 SS87D-0.5 | 08/11/16 | 0934 | Soil | 1 x 8 ounce jar | None | | X | | | | | | | | | | | |
| 9 SS87D-0.5DUP | 08/11/16 | 0934 | Soil | 1 x 8 ounce jar | None | | X | | | | | | | | | | | Hold and Archive |
| 10 SS87D-1.5 | 08/11/16 | 0936 | Soil | 1 x 8 ounce jar | None | | | | | | | | | | | | | Hold and Archive |
| | | | Signature | | Print Name | | Company / Title | | Date / Time | | | | | | | | | |
| 1 Relinquished By: | | | <i>[Signature]</i> | | Bina Patel | | Alta | | 08/11/16 | | | | | | | | | |
| 1 Received By: | | | <i>[Signature]</i> | | Tang D | | EA | | 08/11/16 1521 | | | | | | | | | |
| 2 Relinquished By: | | | | | | | | | | | | | | | | | | |
| 2 Received By: | | | | | | | | | | | | | | | | | | |
| 3 Relinquished By: | | | | | | | | | | | | | | | | | | |
| 3 Received By: | | | | | | | | | | | | | | | | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933



Billing: Enthalphy - Social
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 80212004
 Page: 5 of 7 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenvirom.com P.O. #:
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID:
 Fax: 562-495-5877 Sampled By:

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|------------------------------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS87D-2.5 | 08/11/16 | 0925 ^{8P} 0937 | Soil | 1 x 8 ounce jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 2 SS87E-0.5 | 08/11/16 | 0925 | Soil | 1 x 8 ounce jar | None | Lead (USEPA 6010B) | |
| 3 SS87E-1.5 | 08/11/16 | 0926 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS87E-2.5 | 08/11/16 | 0927 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 5 SS93D-0.5 | 08/11/16 | 0839 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 6 SS93D-1.5 | 08/11/16 | 0841 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 SS93D-2.5 | 08/11/16 | 0843 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 8 SS93E-0.5 | 08/11/16 | 0831 | Soil | 1 x 8 ounce jar | None | X | Hold and Archive |
| 9 SS93E-1.5 | 08/11/16 | 0833 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 10 SS93E-2.5 | 08/11/16 | 0835 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

[Signature]

Bina Patel

Alta

08/11/16

1 Received By:

[Signature]

Tony D

EA

8/11/16 1521

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

Lab No: 301304 Standard: _____ 4 Day: _____ 3 Day: _____
 Page: 6 of 7 2 Day: _____ 1 Day: _____ X Same Day: _____

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Alta Environmental Name: Jefferson High School
 Report To: Eric Fraske Number: LAUS-16-6101
 Email: eric.fraske@altaenviron.com P.O. #: _____
 Address: 3777 Long Beach Boulevard Address: 1319 E. 41st Street
 Long Beach, CA 90807 Los Angeles, CA
 Phone: 562-544-3910 Global ID: _____
 Fax: 562-495-5877 Sampled By: _____

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Analysis Request | Test Instructions / Comments |
|---------------|---------------|---------------|--------------------|----------------------|------------|----------------------|--------------------|------------------|------------------------------|
| 1 SS93F-0.5 | 08/11/16 | 0800 | Soil | 1 x 8 ounce jar | None | | X | | |
| 2 SS93F-1.5 | 08/11/16 | 0810 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 3 SS93F-2.5 | 08/11/16 | 0812 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 4 SS95D-0.5 | 08/11/16 | 0802 | Soil | 1 x 8 ounce jar | None | | X | | |
| 5 SS95D-1.5 | 08/11/16 | 0803 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 6 SS95D-2.5 | 08/11/16 | 0804 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 7 SS103D-0.5 | 08/11/16 | 0729 | Soil | 1 x 8 ounce jar | None | | X | | |
| 8 SS103D-1.5 | 08/11/16 | 0733 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 9 SS103D-2.5 | 08/11/16 | 0735 | Soil | 1 x 8 ounce jar | None | | | | Hold and Archive |
| 10 SS103E-0.5 | 08/11/16 | 0719 | Soil | 1 x 8 ounce jar | None | | X | | |
| | | | Signature | | Print Name | | Company / Title | | Date / Time |
| | | | <i>[Signature]</i> | | Bina Patel | | Alta | | 08/11/16 |
| | | | <i>[Signature]</i> | | STANG D | | EA | | 08/11/16 1521 |
| | | | <i>[Signature]</i> | | | | | | |
| | | | <i>[Signature]</i> | | | | | | |
| | | | <i>[Signature]</i> | | | | | | |

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Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Turn Around Time (Rush by advanced notice only)

| | | | | | | |
|---------|---|----|---|-----------|--------|-----------|
| Lab No: | 7 | of | 7 | Standard: | 4 Day: | 3 Day: |
| Page: | 7 | | | 2 Day: | X | Same Day: |

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| | | | |
|------------|-----------------------------|-------------|-----------------------|
| Company: | Alta Environmental | Name: | Jefferson High School |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 |
| Email: | eric.fraske@altaenviron.com | P.O. #: | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Street |
| | Long Beach, CA 90807 | | Los Angeles, CA |
| Phone: | 562-544-3910 | Global ID: | |
| Fax: | 562-495-5877 | Sampled By: | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------------|---------------|---------------|--------|----------------------|------------------|--|------------------------------|
| 1 SS103E-0.5DUP | 08/11/16 | 0710 | Soil | 1 x 8 ounce jar | None | Arsenic (USEPA 6020) Lead (USEPA 6010B) | |
| 2 SS103E-1.5 | 08/11/16 | 0720 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 3 SS103E-2.5 | 08/11/16 | 0724 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 4 SS103E-0.5 | 08/11/16 | 0708 | Soil | 1 x 8 ounce jar | None | X | |
| 5 SS103E-1.5 | 08/11/16 | 0710 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 6 SS103E-2.5 | 08/11/16 | 0712 | Soil | 1 x 8 ounce jar | None | | Hold and Archive |
| 7 EGBL081-1 | 08/11/16 | 1030 | Water | 1 x Poly (500 mL) | HNO ₃ | X | |
| 8 EGBL081-2 | 08/11/16 | 1030 | Water | 1 x poly (500 mL) | HNO ₃ | X | |
| 9 | | | | | | | |
| 10 | | | | | | | |

| | | | |
|--------------------|------------|-----------------|---------------|
| Signature | Print Name | Company / Title | Date / Time |
| <i>[Signature]</i> | Bina Patel | MTA | 08/11/16 |
| Relinquished By: | | | 08/11/16 1521 |
| Relinquished By: | | | |
| Relinquished By: | | | |
| Relinquished By: | | | |
| Received By: | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Alta Environmental Project: Jefferson High School

Date Received: 8/11/16 Sampler's Signature Present: Yes No

Sample(s) received in a cooler? Yes How many? 2 NO (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 11.6 #2: 12.7 #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: -0.2 #2: -0.2 #3: _____ #4: _____

| Section 3 | YES | NO | N/A |
|--|-----|----|-----|
| Was a COC received? | X | | |
| Were IDs present? | X | | |
| Were sampling dates & times present? | X | | |
| Was a signature present? | X | | |
| Were tests clearly indicated? | X | | |
| Were custody seals present? | | + | |
| If Yes – were they intact? | | | + |
| Were all samples sealed in plastic bags? | | X | |
| Did all samples arrive intact? If no, indicate below. | X | | |
| Did all bottle labels agree with COC? (ID, dates and times) | X | | |
| Were correct containers used for the tests required? | X | | |
| Was a sufficient amount of sample sent for tests indicated? | X | | |
| Was there headspace in VOA vials? | | | X |
| Were the containers labeled with correct preservatives? | | | X |
| Was total residual chlorine measured (Fish Bioassay samples only)? * | | | X |

*If the answer is no, please inform Fish Bioassay department immediately.

Section 4

Explanations/Comments: _____

Section 5

Was the Project Manager notified via email of discrepancies: Yes No N/A

Was the email sent to: _____

Project Manager's response: _____

Completed By: [Signature] Date: 8/11/16



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 384618
Report Date: 12/02/2016
Date Received: 11/21/2016
Client ID: 11397

Comments: Thomas Jefferson High School
LAUS-16-6101

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 384618-001 | SS103G-0.5 | 384618-025 | SS93G-0.5 | 384618-049 | SS68F-0.5 |
| 384618-002 | SS103G-1.5 | 384618-026 | SS93G-1.5 | 384618-050 | SS68F-1.5 |
| 384618-003 | SS103G-2.5 | 384618-027 | SS93G-2.5 | 384618-051 | SS68F-2.5 |
| 384618-004 | SS103H-0.5 | 384618-028 | SS93H-0.5 | 384618-052 | SS68G-0.5 |
| 384618-005 | SS103H-1.5 | 384618-029 | SS93H-1.5 | 384618-053 | SS68G-1.5 |
| 384618-006 | SS103H-2.5 | 384618-030 | SS93H-2.5 | 384618-054 | SS68G-2.5 |
| 384618-007 | SS103I-0.5 | 384618-031 | SS27G-0.5 | 384618-055 | SS68H-0.5 |
| 384618-008 | SS103I-1.5 | 384618-032 | SS27G-1.5 | 384618-056 | SS68H-1.5 |
| 384618-009 | SS103I-2.5 | 384618-033 | SS27G-2.5 | 384618-057 | SS68H-2.5 |
| 384618-010 | SS103J-0.5 | 384618-034 | SS27I-0.5 | 384618-058 | SS79G-0.5 |
| 384618-011 | SS103J-1.5 | 384618-035 | SS27I-1.5 | 384618-059 | SS79G-1.5 |
| 384618-012 | SS103J-2.5 | 384618-036 | SS27I-2.5 | 384618-060 | SS79G-2.5 |
| 384618-013 | SS103K-0.5 | 384618-037 | SS27J-0.5 | 384618-061 | SS79H-0.5 |
| 384618-014 | SS103K-1.5 | 384618-038 | SS27J-1.5 | 384618-062 | SS79H-1.5 |
| 384618-015 | SS103K-2.5 | 384618-039 | SS27J-2.5 | 384618-063 | SS79H-2.5 |
| 384618-016 | SS103L-0.5 | 384618-040 | SS27K-0.5 | 384618-064 | SS87E-0.5 |
| 384618-017 | SS103L-1.5 | 384618-041 | SS27K-1.5 | 384618-065 | SS87E-1.5 |
| 384618-018 | SS103L-2.5 | 384618-042 | SS27K-2.5 | 384618-066 | SS87E-2.5 |
| 384618-019 | SS96D-0.5 | 384618-043 | SS27L-0.5 | 384618-067 | SS87F-0.5 |
| 384618-020 | SS96D-1.5 | 384618-044 | SS27L-1.5 | 384618-068 | SS87F-1.5 |
| 384618-021 | SS96D-2.5 | 384618-045 | SS27L-2.5 | 384618-069 | SS87F-2.5 |
| 384618-022 | SS96E-0.5 | 384618-046 | SS68E-0.5 | 384618-070 | SS87G-0.5 |
| 384618-023 | SS96E-1.5 | 384618-047 | SS68E-1.5 | 384618-071 | SS87G-1.5 |
| 384618-024 | SS96E-2.5 | 384618-048 | SS68E-2.5 | 384618-072 | SS87G-2.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-001</u> | Client Sample #: SS103G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | | |
| Lead | 145 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-002</u> | Client Sample #: SS103G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-003</u> | Client Sample #: SS103G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-004</u> | Client Sample #: SS103H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-005</u> | Client Sample #: SS103H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-006</u> | Client Sample #: SS103H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-007</u> | Client Sample #: SS103I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | | |
| Lead | 92.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-008</u> | Client Sample #: SS103I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|--|
| Method: | Prep Method: | | | | | | QCBatchID: | | |
| N/A | N/A | 1 | | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-009</u> | Client Sample #: SS103I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-010</u> | Client Sample #: SS103J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-011</u> | Client Sample #: SS103J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-012</u> | Client Sample #: SS103J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-013</u> | Client Sample #: SS103K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 68.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-014</u> | Client Sample #: SS103K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-015</u> | Client Sample #: SS103K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-016</u> | Client Sample #: SS103L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-017</u> | Client Sample #: SS103L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-018</u> | Client Sample #: SS103L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-019</u> | Client Sample #: SS96D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 318 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-020</u> | Client Sample #: SS96D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-021</u> | Client Sample #: SS96D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-022</u> | Client Sample #: SS96E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-023</u> | Client Sample #: SS96E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-024</u> | Client Sample #: SS96E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-025</u> | Client Sample #: SS93G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 60.8 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-026</u> | Client Sample #: SS93G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-027</u> | Client Sample #: SS93G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:44 | Site: | |
| Sample #: <u>384618-028</u> | Client Sample #: SS93H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-029</u> | Client Sample #: SS93H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-030</u> | Client Sample #: SS93H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:49 | Site: | |
| Sample #: <u>384618-031</u> | Client Sample #: SS27G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 268 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 10.1 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-032</u> | Client Sample #: SS27G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-033</u> | Client Sample #: SS27G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-034</u> | Client Sample #: SS27I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.5 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-035</u> | Client Sample #: SS27I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-036</u> | Client Sample #: SS27I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-037</u> | Client Sample #: SS27J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-038</u> | Client Sample #: SS27J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-039</u> | Client Sample #: SS27J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:35 | Site: | |
| Sample #: <u>384618-040</u> | Client Sample #: SS27K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-041</u> | Client Sample #: SS27K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-042</u> | Client Sample #: SS27K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-043</u> | Client Sample #: SS27L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 24.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-044</u> | Client Sample #: SS27L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-045</u> | Client Sample #: SS27L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-046</u> | Client Sample #: SS68E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:20 | Site: | |
| Sample #: <u>384618-047</u> | Client Sample #: SS68E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-048</u> | Client Sample #: SS68E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-049</u> | Client Sample #: SS68F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-050</u> | Client Sample #: SS68F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-051</u> | Client Sample #: SS68F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-052</u> | Client Sample #: SS68G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 166 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-053</u> | Client Sample #: SS68G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-054</u> | Client Sample #: SS68G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-055</u> | Client Sample #: SS68H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-056</u> | Client Sample #: SS68H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:28 | Site: | |
| Sample #: <u>384618-057</u> | Client Sample #: SS68H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:41 | Site: | |
| Sample #: <u>384618-058</u> | Client Sample #: SS79G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 101 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-059</u> | Client Sample #: SS79G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-060</u> | Client Sample #: SS79G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:32 | Site: | |
| Sample #: <u>384618-061</u> | Client Sample #: SS79H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:33 | Site: | |
| Sample #: <u>384618-062</u> | Client Sample #: SS79H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:34 | Site: | |
| Sample #: <u>384618-063</u> | Client Sample #: SS79H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-064</u> | Client Sample #: SS87E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 97.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:20 | Site: | |
| Sample #: <u>384618-065</u> | Client Sample #: SS87E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-066</u> | Client Sample #: SS87E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-067</u> | Client Sample #: SS87F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-068</u> | Client Sample #: SS87F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-069</u> | Client Sample #: SS87F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:28 | Site: | |
| Sample #: <u>384618-070</u> | Client Sample #: SS87G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 99.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-071</u> | Client Sample #: SS87G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-072</u> | Client Sample #: SS87G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-073</u> | Client Sample #: SS87H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-074</u> | Client Sample #: SS87H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-075</u> | Client Sample #: SS87H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-076</u> | Client Sample #: SS80D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 32.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-077</u> | Client Sample #: SS80D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-078</u> | Client Sample #: SS80D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-079</u> | Client Sample #: SS80E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-080</u> | Client Sample #: SS77D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 848 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-081</u> | Client Sample #: SS77D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-082</u> | Client Sample #: SS77D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-083</u> | Client Sample #: SS77G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 165 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-084</u> | Client Sample #: SS77G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-085</u> | Client Sample #: SS77G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-086</u> | Client Sample #: SS76D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 54.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-087</u> | Client Sample #: SS76D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-088</u> | Client Sample #: SS76D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-089</u> | Client Sample #: SS76E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:24 | Site: | |
| Sample #: <u>384618-090</u> | Client Sample #: SS76E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:25 | Site: | |
| Sample #: <u>384618-091</u> | Client Sample #: SS76E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-092</u> | Client Sample #: SS74D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 43.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:46 | Site: | |
| Sample #: <u>384618-093</u> | Client Sample #: SS74D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:47 | Site: | |
| Sample #: <u>384618-094</u> | Client Sample #: SS74D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-095</u> | Client Sample #: SS70F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 109 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-096</u> | Client Sample #: SS70F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:39 | Site: | |
| Sample #: <u>384618-097</u> | Client Sample #: SS70F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-098</u> | Client Sample #: SS70G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-099</u> | Client Sample #: SS70G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-100</u> | Client Sample #: SS70G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-101</u> | Client Sample #: SS70H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 78.7 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:36 | Site: | |
| Sample #: <u>384618-102</u> | Client Sample #: SS70H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:37 | Site: | |
| Sample #: <u>384618-103</u> | Client Sample #: SS70H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:43 | Site: | |
| Sample #: <u>384618-104</u> | Client Sample #: SS70I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:44 | Site: | |
| Sample #: <u>384618-105</u> | Client Sample #: SS70I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-106</u> | Client Sample #: SS70I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-107</u> | Client Sample #: SS103K-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 81.6 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-108</u> | Client Sample #: SS93G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 25.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:50 | Site: | |
| Sample #: <u>384618-109</u> | Client Sample #: SS27G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 33.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | | | | | | | |
|-------------------------------|------------------------|----|-----|---|-------|----------|----------------------|----|
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 9.34 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-110</u> | Client Sample #: SS87E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 85.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-111</u> | Client Sample #: SS76D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 50.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-112</u> | Client Sample #: SS77D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 242 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-113</u> | Client Sample #: SS80D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 127 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-114</u> | Client Sample #: SS70H-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 65.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-115</u> | Client Sample #: SS68E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 53.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-116</u> | Client Sample #: EB112116A | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-117</u> | Client Sample #: EB112116B | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172781</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172781MB1 | | | | | | |
| Arsenic | ND | mg/L | 0.004 | 0.01 | | |
| Lead | ND | mg/L | 0.004 | 0.005 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172781LCS1 | | | | | | | | | | | |
| Arsenic | 2 | | 1.79 | | mg/L | 90 | | | 80-120 | | |
| Lead | 2 | | 1.76 | | mg/L | 88 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172781MS1, QC1172781MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 1 | 1 | 0.964 | 0.887 | mg/L | 96 | 89 | 8.3 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 0.944 | 0.877 | mg/L | 94 | 88 | 7.4 | 75-125 | 20 | |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1172783 | Analyst: dswafford | Method: EPA 6020 |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|---------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172783MB1 | | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | | |
| Copper | ND | ug/L | 0.11 | 3 | | |
| Lead | ND | ug/L | 0.1 | 5 | | |
| Zinc | 2.62 J | ug/L | 0.16 | 10 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172783LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 52.9 | | ug/L | 106 | | | 80-120 | | |
| Copper | 50 | | 51.6 | | ug/L | 103 | | | 80-120 | | |
| Lead | 50 | | 50.6 | | ug/L | 101 | | | 80-120 | | |
| Zinc | 50 | | 57.3 | | ug/L | 115 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172783MS1, QC1172783MSD1 | | | | | | | | | | | Source: 384404-054 | |
| Arsenic | ND | 50 | 50 | 52.5 | 53.1 | ug/L | 105 | 106 | 1.1 | 75-125 | 20 | |
| Copper | 1.66 | 50 | 50 | 52.8 | 53.1 | ug/L | 102 | 103 | 0.6 | 75-125 | 20 | |
| Lead | 0.2 | 50 | 50 | 52.5 | 53.6 | ug/L | 105 | 107 | 2.1 | 75-125 | 20 | |
| Zinc | 80.9 | 50 | 50 | 132 | 138 | ug/L | 102 | 114 | 4.4 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172940</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172940MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172940LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Arsenic | 100 | | 95.3 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Beryllium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cadmium | 100 | | 99.5 | | mg/Kg | 100 | | | 80-120 | | |
| Chromium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cobalt | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Copper | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 90.8 | | mg/Kg | 91 | | | 80-120 | | |
| Nickel | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Selenium | 100 | | 93.6 | | mg/Kg | 94 | | | 80-120 | | |
| Silver | 100 | | 98.9 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 100 | | 97.4 | | mg/Kg | 97 | | | 80-120 | | |
| Vanadium | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Zinc | 100 | | 105 | | mg/Kg | 105 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | | Source: 384593-001 |
| Antimony | 2.32 | 100 | 100 | 34.8 | 38.3 | mg/Kg | 32 | 36 | 9.6 | 75-125 | 20 | M |
| Arsenic | 107 | 100 | 100 | 217 | 218 | mg/Kg | 110 | 111 | 0.5 | 75-125 | 20 | |
| Barium | 654 | 100 | 100 | 915 | 823 | mg/Kg | 261 | 169 | 10.6 | 75-125 | 20 | NC |
| Beryllium | ND | 100 | 100 | 95.2 | 95.9 | mg/Kg | 95 | 96 | 0.7 | 75-125 | 20 | |
| Cadmium | 5.23 | 100 | 100 | 105 | 104 | mg/Kg | 100 | 99 | 1.0 | 75-125 | 20 | |
| Chromium | 13.0 | 100 | 100 | 109 | 108 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Cobalt | 27.4 | 100 | 100 | 119 | 120 | mg/Kg | 92 | 93 | 0.8 | 75-125 | 20 | |
| Copper | 1500 | 100 | 100 | 1880 | 1710 | mg/Kg | 380 | 210 | 9.5 | 75-125 | 20 | NC |
| Lead | 68.9 | 100 | 100 | 158 | 157 | mg/Kg | 89 | 88 | 0.6 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172940</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | Source: 384593-001 | |
| Molybdenum | 3.59 | 100 | 100 | 98.4 | 98.9 | mg/Kg | 95 | 95 | 0.5 | 75-125 | 20 | |
| Nickel | 2.63 | 100 | 100 | 90.6 | 91.5 | mg/Kg | 88 | 89 | 1.0 | 75-125 | 20 | |
| Selenium | 20.9 | 100 | 100 | 114 | 113 | mg/Kg | 93 | 92 | 0.9 | 75-125 | 20 | |
| Silver | 1.23 | 100 | 100 | 97.6 | 96.7 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Thallium | 0.95 | 100 | 100 | 96.5 | 95.0 | mg/Kg | 96 | 94 | 1.6 | 75-125 | 20 | |
| Vanadium | 21.8 | 100 | 100 | 124 | 122 | mg/Kg | 102 | 100 | 1.6 | 75-125 | 20 | |
| Zinc | 4120 | 100 | 100 | 4390 | 4410 | mg/Kg | 270 | 290 | 0.5 | 75-125 | 20 | NC |

| | | |
|-------------------------------------|-----------------------------|----------------------------------|
| QC BatchID: QC1172941 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1172941MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | ND | mg/Kg | 0.31 | 1 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Selenium | ND | mg/Kg | 0.72 | 1 | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172941LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Arsenic | 100 | | 99.8 | | mg/Kg | 100 | | | 80-120 | | |
| Barium | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Cadmium | 100 | | 99.4 | | mg/Kg | 99 | | | 80-120 | | |
| Chromium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Cobalt | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Copper | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 96.1 | | mg/Kg | 96 | | | 80-120 | | |
| Nickel | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Selenium | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Silver | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Thallium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Vanadium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Zinc | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | | |
| Source: 384618-101 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 27.7 | 23.9 | mg/Kg | 30 | 26 | 14.7 | 75-125 | 20 | M |
| Arsenic | 4.72 | 100 | 100 | 101 | 97.0 | mg/Kg | 96 | 92 | 4.0 | 75-125 | 20 | |
| Barium | 92.4 | 100 | 100 | 194 | 188 | mg/Kg | 102 | 96 | 3.1 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 98.2 | 91.4 | mg/Kg | 100 | 93 | 7.2 | 75-125 | 20 | |
| Cadmium | 0.55 | 100 | 100 | 93.6 | 90.0 | mg/Kg | 93 | 89 | 3.9 | 75-125 | 20 | |
| Chromium | 13.5 | 100 | 100 | 110 | 108 | mg/Kg | 97 | 95 | 1.8 | 75-125 | 20 | |
| Cobalt | 7.15 | 100 | 100 | 106 | 101 | mg/Kg | 99 | 94 | 4.8 | 75-125 | 20 | |
| Copper | 20.0 | 100 | 100 | 124 | 117 | mg/Kg | 104 | 97 | 5.8 | 75-125 | 20 | |
| Lead | 78.7 | 100 | 100 | 169 | 175 | mg/Kg | 90 | 96 | 3.5 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172941</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | Source: 384618-101 | |
| Molybdenum | ND | 100 | 100 | 87.4 | 82.1 | mg/Kg | 87 | 82 | 6.3 | 75-125 | 20 | |
| Nickel | 10.5 | 100 | 100 | 108 | 103 | mg/Kg | 98 | 93 | 4.7 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 60.7 | 55.2 | mg/Kg | 91 | 85 | 9.5 | 75-125 | 20 | |
| Silver | ND | 100 | 100 | 95.5 | 88.8 | mg/Kg | 95 | 89 | 7.3 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 89.8 | 86.8 | mg/Kg | 92 | 89 | 3.4 | 75-125 | 20 | |
| Vanadium | 26.8 | 100 | 100 | 127 | 122 | mg/Kg | 100 | 95 | 4.0 | 75-125 | 20 | |
| Zinc | 135 | 100 | 100 | 233 | 245 | mg/Kg | 98 | 110 | 5.0 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172947</u> | Analyst: dswafford | Method: EPA 6020 |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|----------------|-------|------|-----|-------|
| QC1172947MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.06 | 0.5 | |
| Arsenic | 0.025 J | mg/Kg | 0.02 | 0.3 | |
| Barium | 0.033 J | mg/Kg | 0.02 | 0.5 | |
| Beryllium | ND | mg/Kg | 0.02 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.02 | 0.5 | |
| Chromium | ND | mg/Kg | 0.02 | 0.5 | |
| Cobalt | ND | mg/Kg | 0.02 | 0.5 | |
| Copper | ND | mg/Kg | 0.02 | 0.5 | |
| Lead | 0.351 J | mg/Kg | 0.02 | 0.5 | |
| Molybdenum | 0.043 J | mg/Kg | 0.02 | 0.5 | |
| Nickel | ND | mg/Kg | 0.04 | 0.5 | |
| Selenium | 0.078 J | mg/Kg | 0.04 | 0.5 | |
| Silver | ND | mg/Kg | 0.02 | 0.5 | |
| Thallium | ND | mg/Kg | 0.02 | 0.5 | |
| Vanadium | ND | mg/Kg | 0.02 | 0.5 | |
| Zinc | 2.60 | mg/Kg | 0.09 | 1 | B |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172947LCS1 | | | | | | | | | | | |
| Antimony | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Arsenic | 50 | | 52.6 | | mg/Kg | 105 | | | 80-120 | | |
| Barium | 50 | | 51.6 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 50 | | 51.9 | | mg/Kg | 104 | | | 80-120 | | |
| Cadmium | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Chromium | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Cobalt | 50 | | 50.4 | | mg/Kg | 101 | | | 80-120 | | |
| Copper | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Lead | 50 | | 53.5 | | mg/Kg | 107 | | | 80-120 | | |
| Molybdenum | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Nickel | 50 | | 50.6 | | mg/Kg | 101 | | | 80-120 | | |
| Selenium | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Silver | 50 | | 49.3 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 50 | | 51.3 | | mg/Kg | 103 | | | 80-120 | | |
| Vanadium | 50 | | 52.3 | | mg/Kg | 105 | | | 80-120 | | |
| Zinc | 50 | | 52.4 | | mg/Kg | 105 | | | 80-120 | | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

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Chain of Custody Record

Lab No: 38468
 Page: 1 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020) X
 Lead (USEPA 6010B) X

Test Instructions / Comments

NOT COLLECTED (N/C)
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------------------|---------------|---------------|--------|----------------------|-------|
| 1 SS2E-0.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None |
| 2 SS2E-1.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 3 SS2E-2.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 4 SS2F-0.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 5 SS2F-1.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 6 SS2F-2.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 7 SS103G-0.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 8 SS103G-1.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 9 SS103G-2.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 10 SS103H-0.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|---------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marroletti | | 11/21/16 12:03 |
| | L. Marroletti | | 11/21/16 12:55 |
| | DWJ | | 11/21/16 13:55 |
| | | | |
| | | | |

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Chain of Custody Record

Lab No: 380610
 Page: 2 of 17

Standard: X
 4 Day:
 1 Day:
 2 Day:
 3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 x

Test Instructions / Comments

Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103H-1.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 2 SS103H-2.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 3 SS103I-0.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 4 SS103I-1.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 5 SS103J-2.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 6 SS103J-0.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 7 SS103J-1.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 8 SS103J-2.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 9 SS103K-0.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 10 SS103K-1.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |

Signature

1 Relinquished By: *EF*
 1 Received By: *L. Marrett*
 2 Relinquished By: *L. Marrett*
 2 Received By: *TD*
 3 Relinquished By:
 3 Received By:

Print Name

Eric Fraske

Company / Title

Alta Environmental

Date / Time

11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:55

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Chain of Custody Record

Lab No: 384618 of 17
 Page: 3 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 2 Day: 1 Day:
 4 Day: 3 Day:
 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Lead (USEPA 6010B)
 Arsenic (USEPA 6020)
 Pres.:

Test Instructions / Comments

Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive

Sample ID

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103K-2.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |
| 2 SS103L-0.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 3 SS103L-1.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 4 SS103L-2.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 5 SS96D-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 6 SS96D-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 7 SS96D-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 8 SS96E-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 9 SS96E-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 10 SS96E-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: *[Signature]*
 1 Received By: *[Signature]*
 2 Relinquished By: *[Signature]*
 2 Received By: *[Signature]*
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]*

Eric Fraske
 Eric Fraske
 Alta Environmental

11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

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Chain of Custody Record
 Lab No: 382618 of 17
 Page: 4 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS93G-0.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) x | |
| 2 SS93G-1.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 3 SS93G-2.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS93H-0.5 | 11/21/16 | 08:44 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS93H-1.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS93H-2.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS27G-0.5 | 11/21/16 | 08:49 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 8 SS27G-1.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS27G-2.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS27H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | Not Collected |

CUSTOMER INFORMATION

Company: Alta Environmental
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 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

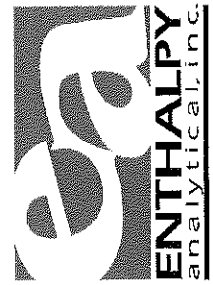
Print Name
 Eric Fraske
 C. Marroketi
 C. Marroketi
 JONY

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:57

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Chain of Custody Record
 Lab No: 384618
 Page: 5 of 17

Standard: X
 4 Day:
 1 Day:
 3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

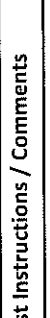
Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------|--|--|--|------------------------------|--|--|--------------------------------|
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | | | | | | |
| 1 SS27K-1.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive Not collected |
| 2 SS27K-2.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive Not collected |
| 3 SS27K-0.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | x | | | | | | | | Hold and Archive |
| 4 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 5 SS27K-2.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 6 SS27K-0.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 7 SS27K-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 8 SS27K-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 9 SS27K-0.5 | 11/21/16 | 08:35 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |
| 10 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Macrae | | 11/21/16 12:55 |
| | L. Parakh | | 11/21/16 12:55 |
| | Tom | | |
| | Tom | | |

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Chain of Custody Record
 Lab No: 380618
 Page: 6 of 17
 Standard: X
 4 Day: Same Day:
 1 Day: Same Day:

Turn Around Time (Rush by advanced notice only)

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|----------------------|---------------|---------------------|--------|----------------------|-------|----------------------------|-------------|------------------------------|------------------|
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Company / Title | Date / Time | | |
| 1 SS27K-2.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | Alta Environmental | 11/21/2016 | | Hold and Archive |
| 2 SS27L-0.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | Eric Fraske | 11/21/2016 | | Hold and Archive |
| 3 SS27L-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | eric.fraske@altaenviro.com | 11/21/2016 | | Hold and Archive |
| 4 SS27L-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | 3777 Long Beach Boulevard | 11/21/2016 | | Hold and Archive |
| 5 SS68E-0.5 | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | Long Beach, CA 90807 | 11/21/2016 | | Hold and Archive |
| 6 SS68E-1.5 | 11/21/16 | 11:20 | Soil | 1-8oz Jar | None | 562-544-3910 | 11/21/2016 | | Hold and Archive |
| 7 SS68E-2.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | 562-495-5877 | 11/21/2016 | | Hold and Archive |
| 8 SS68F-0.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | | 11/21/2016 | | Hold and Archive |
| 9 SS68F-1.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | 11/21/2016 | | Hold and Archive |
| 10 SS68F-2.5 | 11/21/16 | 11:25 | Soil | 1-8oz Jar | None | | 11/21/2016 | | Hold and Archive |

Signature
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 784618
 Page: 7 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: X
 4 Day: 2 Day: 1 Day: Same Day:

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|----------------------|-----------------------------|---------------------|------------------------------|--|--|------------------|--|------------------------------|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) |
|--------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|
| 1 SS68G-0.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | x |
| 2 SS68G-1.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | |
| 3 SS68G-2.5 | 11/21/16 | 11:25 | Soil | 1-8oz Jar | None | | |
| 4 SS68H-0.5 | 11/21/16 | 11:27 | Soil | 1-8oz Jar | None | | |
| 5 SS68H-1.5 | 11/21/16 | 11:27 | Soil | 1-8oz Jar | None | | |
| 6 SS68H-2.5 | 11/21/16 | 11:28 | Soil | 1-8oz Jar | None | | |
| 7 SS79G-0.5 | 11/21/16 | 09:41 | Soil | 1-8oz Jar | None | x | |
| 8 SS79G-1.5 | 11/21/16 | 09:42 | Soil | 1-8oz Jar | None | | |
| 9 SS79G-2.5 | 11/21/16 | 09:42 | Soil | 1-8oz Jar | None | | |
| 10 SS79H-0.5 | 11/21/16 | 09:32 | Soil | 1-8oz Jar | None | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marcolletti | | 11/21/16 12:03 |
| | L. Marcolletti | | 11/21/16 12:55 |
| | Tony D | | 11/21/16 12:55 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 38116 of 17
 Page: 8 of 17
 Standard: X
 4 Day: 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 X
 4 Day: 2 Day: 1 Day: Same Day:

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|-------------------------|----------------------------|---------------------|------------------------------|----------------------|-------|----------------------|--------------------|------------------------------|---------------------|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | |
| Email: | eric.fraske@altaenviro.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | |
| 1 SS79H-1.5 | 11/21/16 | 09:33 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 2 SS79H-2.5 | 11/21/16 | 09:34 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 3 SS79J-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 4 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 5 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 6 SS79J-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 7 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 8 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 9 SS88D-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 10 SS88D-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marshall | | 11/21/16 1203 |
| | C. Marshall | | 11/21/16 1255 |
| | TBW | | 11/21/16 1255 |
| | | | |
| | | | |

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 394618 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

ENTHALPY analytical, inc.

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | | Test Instructions / Comments |
|------------------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|----------------------------------|
| | | | | | | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | |
| 1 SS88D-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive - Not collected |
| 2 SS88E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 3 SS88E-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 4 SS88E-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 5 SS87E-0.5 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | x | | |
| 6 SS87E-1.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 7 SS87E-2.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 8 SS87F-0.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 9 SS87F-1.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 10 SS87F-2.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marcolletto | | 11/21/16 12:03 |
| | L. Marcolletto | | 11/21/16 1:51 |
| | Tony D | | 11/21/16 12:55 |
| | | | |
| | | | |

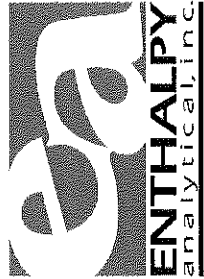
ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 384618
 Page: 10 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 4 Day:
 3 Day:
 2 Day:
 1 Day:
 Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|------------------------------|
| 1 SS87G-0.5 | 11/21/16 | 09:28 | Soil | 1-8oz Jar | None | |
| 2 SS87G-1.5 | 11/21/16 | 09:29 | Soil | 1-8oz Jar | None | Hold and Archive |
| 3 SS87G-2.5 | 11/21/16 | 09:29 | Soil | 1-8oz Jar | None | Hold and Archive |
| 4 SS87H-0.5 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | Hold and Archive |
| 5 SS87H-1.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | Hold and Archive |
| 6 SS87H-2.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | Hold and Archive |
| 7 SS80D-0.5 | 11/21/16 | 10:00 | Soil | 1-8oz Jar | None | |
| 8 SS80D-1.5 | 11/21/16 | 10:02 | Soil | 1-8oz Jar | None | Hold and Archive |
| 9 SS80D-2.5 | 11/21/16 | 10:02 | Soil | 1-8oz Jar | None | Hold and Archive |
| 10 SS80E-0.5 | 11/21/16 | 10:02 | Soil | 1-8oz Jar | None | Hold and Archive |

Signature

1 Relinquished By:
 1 Received By:
 2 Relinquished By:
 2 Received By:
 3 Relinquished By:
 3 Received By:
 Date / Time: 11/21/2016

Company / Title


Alta Environmental

Eric Fraske

11/21/16 1203
 11/21/16 1255
 11/21/16 1255

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614




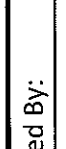


Chain of Custody Record
 Lab No: 384618
 Page: 12 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|---|---------------------|--|---------------|-----------|----------------------|--|----------------------|---|------------------------------|--|-------------|----------------------------------|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | Matrix | | Container No. / Size | | Arsenic (USEPA 6020) | | Lead (USEPA 6010B) | | Date / Time | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | Sampling Date | | Matrix | | Pres. | | Arsenic (USEPA 6020) | | Date / Time | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | Sampling Time | | Matrix | | Pres. | | Arsenic (USEPA 6020) | | Date / Time | |
| Address: | 3777 Long Beach Boulevard Long Beach, CA 90807 | Address: | 1319 E. 41st Avenue Los Angeles, California | Sampling Date | | Matrix | | Pres. | | Arsenic (USEPA 6020) | | Date / Time | |
| Phone: | 562-544-3910 | Global ID: | | Sampling Time | | Matrix | | Pres. | | Arsenic (USEPA 6020) | | Date / Time | |
| Fax: | 562-495-5877 | Sampled By: | EF | Sampling Date | | Matrix | | Pres. | | Arsenic (USEPA 6020) | | Date / Time | |
| 1 | SS77E-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive Not collected |
| 2 | SS77G-0.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | x | | | | Hold and Archive |
| 3 | SS77G-1.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |
| 4 | SS77G-2.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |
| 5 | SS77H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive - Not collected |
| 6 | SS77H-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |
| 7 | SS77H-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |
| 8 | SS76D-0.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | x | | | | Hold and Archive |
| 9 | SS76D-1.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |
| 10 | SS76D-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | | | | | Hold and Archive |

Signature

1 Relinquished By:  Eric Fraske
 1 Received By:  Eric Fraske
 2 Relinquished By:  Eric Fraske
 2 Received By:  Eric Fraske
 3 Relinquished By: Eric Fraske
 3 Received By: Eric Fraske

Company / Title

Alta Environmental
 Eric Fraske
 Eric Fraske
 Eric Fraske
 Eric Fraske
 Eric Fraske

Date / Time

11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:55

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 380010
 Page: 13 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other


Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)



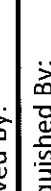

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------------------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS76E-0.5 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 2 SS76E-1.5 | 11/21/16 | 10:24 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 3 SS76E-2.5 | 11/21/16 | 10:25 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 4 SS76E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Not collected |
| 5 SS76E-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 6 SS76E-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 7 SS74D-0.5 0.5-6F | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 8 SS74D-1.5 | 11/21/16 | 10:46 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 9 SS74D-2.5 | 11/21/16 | 10:47 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 10 SS70D-0.5 0.5-NA | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Not collected |

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | Chain of Custody Record | | Turn Around Time (Rush by advanced notice only) | |
|----------------------|--|---------------------|------------------------------|--|-------------------------------------|---|--------------------------|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | Standard: | <input checked="" type="checkbox"/> | 4 Day: | <input type="checkbox"/> |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | Page: | <u>13</u> | of | <u>17</u> |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | Matrix: | A = Air DW = Drinking Water | 2 Day: | <input type="checkbox"/> |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | FL = Food Liquid FS = Food Solid L = Liquid | | 1 Day: | <input type="checkbox"/> |
| | Long Beach, CA 90807 | | Los Angeles, California | PP = Pure Product S = Solid SeaW = Sea Water | | Same Day: | <input type="checkbox"/> |
| Phone: | 562-544-3910 | Global ID: | | SW = Swab W = Water WP = Wipe O = Other | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | |
| Signature | | Print Name | Eric Fraske | Company / Title | Alta Environmental | Date / Time | 11/21/2016 |
| 1 Relinquished By: | | | | | | | |
| 1 Received By: | | | | | | | 11/21/16 12:03 |
| 2 Relinquished By: | | | | | | | 11/21/16 12:58 |
| 2 Received By: | | | | | | | 11/21/16 12:55 |
| 3 Relinquished By: | | | | | | | |
| 3 Received By: | | | | | | | |

| | | | | | |
|--|--|--|--|---|--|
| ENTHALPHY ANALYTICAL, INC. | | Chain of Custody Record | | Turn Around Time (Rush by advanced notice only) | |
| 806 N. Batavia St., Orange, CA 92868 | | Lab No: <u>201618</u> | | Standard: <input checked="" type="checkbox"/> 4 Day: <input type="checkbox"/> 3 Day: <input type="checkbox"/> | |
| Phone: (714) 771-6900 Fax: (714) 771-9933 | | Page: <u>14</u> of <u>17</u> | | 2 Day: <input type="checkbox"/> 1 Day: <input type="checkbox"/> Same Day: <input type="checkbox"/> | |
| Billing: Enthalpy - SoCal | | Matrix: A = Air DW = Drinking Water | | Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ | |
| c/o Montrose Environmental Group | | FL = Food Liquid FS = Food Solid L = Liquid | | 4 = H ₂ SO ₄ 5 = NaOH 6 = Other | |
| 1 Park Plaza, Suite 1000, Irvine, CA 92614 | | PP = Pure Product S = Solid SeaW = Sea Water | | | |
| | | SW = Swab W = Water WP = Wipe O = Other | | | |

| | | | | | | | |
|--|--|----------------------------------|--|-------------------------|--|-------------------------------------|--|
| ENTHALPHY ANALYTICAL, INC. | | PROJECT INFORMATION | | Analysis Request | | Test Instructions / Comments | |
|  | | Thomas Jefferson High School | | | | | |
| Name: LAUS-16-6101 | | Number: 1319 E. 41st Avenue | | Arsenic (USEPA 6020) | | | |
| P.O. #: 1319 E. 41st Avenue | | Address: Los Angeles, California | | Lead (USEPA 6010B) | | | |
| Address: 3777 Long Beach Boulevard | | Global ID: EF | | | | | |
| Phone: 562-544-3910 | | Sampled By: EF | | | | | |
| Fax: 562-495-5877 | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------------------|---------------|---------------|--------|----------------------|-------|------------------|---------------------------------------|
| 1 SS70D-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive <u>Not collected</u> |
| 2 SS70D-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |
| 3 SS70E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS70E-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS70E-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS70F-0.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 7 SS70F-1.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS70F-2.5 | 11/21/16 | 10:39 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS70G-0.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS70G-1.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None | | Hold and Archive |

| | | | | | | | | | |
|-----------------------------|--|---|--|-------------------|--|------------------------|--|--------------------|--|
| CUSTOMER INFORMATION | | Signature | | Print Name | | Company / Title | | Date / Time | |
| Alta Environmental | |  | | Eric Fraske | | Alta Environmental | | 11/21/2016 | |
| Eric Fraske | |  | | C. Marcolletti | | | | 11/21/16 12:03 | |
| eric.fraske@altaenviron.com | |  | | C. Marcolletti | | | | 11/21/16 12:55 | |
| 3777 Long Beach Boulevard | |  | | Tony D | | | | 11/21/16 12:55 | |
| Long Beach, CA 90807 | | | | | | | | | |
| 562-544-3910 | | | | | | | | | |
| 562-495-5877 | | | | | | | | | |
| Relinquished By: | | | | | | | | | |
| Received By: | | | | | | | | | |
| Relinquished By: | | | | | | | | | |
| Received By: | | | | | | | | | |
| Relinquished By: | | | | | | | | | |
| Received By: | | | | | | | | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 381610
 Page: 15 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | | Test Instructions / Comments |
|-------------------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|----------------------------------|
| | | | | | | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | |
| 1 SS70G-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 2 SS70H-0.5 | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | x | | |
| 3 SS70H-1.5 | 11/21/16 | 10:36 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 4 SS70H-2.5 | 11/21/16 | 10:37 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 5 SS70I-0.5 | 11/21/16 | 10:43 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 6 SS70I-1.5 | 11/21/16 | 10:44 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 7 SS70I-2.5 | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 8 SS76G-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive - Not collected |
| 9 SS76G-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 10 SS76G-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

Print Name
 Eric Fraske
 C. Maccolotti
 C. Maccolotti
 TOM D

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 382618
 Page: 16 of 17

Standard: X
 4 Day:
 1 Day:
 2 Day:
 3 Day:
 Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

ENTHALPHY analytical inc.

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 55103K-0.5DUP | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None | Arсенic (USEPA 6020) | |
| 2 55936-0.5DUP | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | |
| 3 55276-0.5DUP | 11/21/16 | 08:50 | Soil | 1-8oz Jar | None | | |
| 4 5587E-0.5DUP | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | | |
| 5 5576D-0.5DUP | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | |
| 6 5577D-0.5DUP | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | | |
| 7 5580D-0.5DUP | 11/21/16 | 10:00 | Soil | 1-8oz Jar | None | | |
| 8 5570H-0.5DUP | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | | |
| 9 5568G-0.5DUP | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | | |
| 10 EB12116A | 11/21/16 | 11:40 | None | 1-8oz Jar | None | | |

Signature
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]

Print Name
 Eric Fraske
 C. Marcolletti
 C. Marcolletti
 [Signature]

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 384610
 Page: 16 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 4 Day: Same Day:
 2 Day: 1 Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Lead (USEPA 6010B)
 Arsenic (USEPA 6020)

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------------|---------------|---------------|--------|----------------------|-------|
| 1 EB112116 B | 11/21/16 | 11:40 | H2O | 1 Poly | 3 XX |
| 2 | 11/21/16 | | | | |
| 3 | 11/21/16 | | | | |
| 4 | 11/21/16 | | | | |
| 5 | 11/21/16 | | | | |
| 6 | 11/21/16 | | | | |
| 7 | 11/21/16 | | | | |
| 8 | 11/21/16 | | | | |
| 9 | 11/21/16 | | | | |
| 10 | 11/21/16 | | | | |

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By: *[Signature]*
 1 Received By: *[Signature]* Eric Fraske
 2 Relinquished By: *[Signature]*
 2 Received By: *[Signature]*
 3 Relinquished By: *[Signature]*
 3 Received By: *[Signature]*

11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:55



SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: Alta Project: _____
Date Received: 11/21/14 Sampler's Name Present: Yes No
Sample(s) received in a cooler? Yes How many? 1 No (skip section 2) Sample Temp (°C): _____
Sample Temp (°C) from each cooler: #1: 14.1 #2: _____ #3: _____ #4: _____
(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)
Shipping Information: _____

Section 2
Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

| Section 3 | YES | NO | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were sample IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a relinquished signature present? | <input checked="" type="checkbox"/> | | |
| Were the tests required clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |

Section 4
Explanations/Comments: _____

Section 5
For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
Email (email sent to/on): _____ / _____
Project Manager's response: _____

Completed By: [Signature] Date: 11/21/14



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 384618
Report Date: 01/19/2017
Date Received: 11/21/2016
Client ID: 11397

Comments: Thomas Jefferson High School
LAUS-16-6101

Supplemental Report 2

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 384618-001 | SS103G-0.5 | 384618-029 | SS93H-1.5 | 384618-057 | SS68H-2.5 |
| 384618-002 | SS103G-1.5 | 384618-030 | SS93H-2.5 | 384618-058 | SS79G-0.5 |
| 384618-003 | SS103G-2.5 | 384618-031 | SS27G-0.5 | 384618-059 | SS79G-1.5 |
| 384618-004 | SS103H-0.5 | 384618-032 | SS27G-1.5 | 384618-060 | SS79G-2.5 |
| 384618-005 | SS103H-1.5 | 384618-033 | SS27G-2.5 | 384618-061 | SS79H-0.5 |
| 384618-006 | SS103H-2.5 | 384618-034 | SS27I-0.5 | 384618-062 | SS79H-1.5 |
| 384618-007 | SS103I-0.5 | 384618-035 | SS27I-1.5 | 384618-063 | SS79H-2.5 |
| 384618-008 | SS103I-1.5 | 384618-036 | SS27I-2.5 | 384618-064 | SS87E-0.5 |
| 384618-009 | SS103I-2.5 | 384618-037 | SS27J-0.5 | 384618-065 | SS87E-1.5 |
| 384618-010 | SS103J-0.5 | 384618-038 | SS27J-1.5 | 384618-066 | SS87E-2.5 |
| 384618-011 | SS103J-1.5 | 384618-039 | SS27J-2.5 | 384618-067 | SS87F-0.5 |
| 384618-012 | SS103J-2.5 | 384618-040 | SS27K-0.5 | 384618-068 | SS87F-1.5 |
| 384618-013 | SS103K-0.5 | 384618-041 | SS27K-1.5 | 384618-069 | SS87F-2.5 |
| 384618-014 | SS103K-1.5 | 384618-042 | SS27K-2.5 | 384618-070 | SS87G-0.5 |
| 384618-015 | SS103K-2.5 | 384618-043 | SS27L-0.5 | 384618-071 | SS87G-1.5 |
| 384618-016 | SS103L-0.5 | 384618-044 | SS27L-1.5 | 384618-072 | SS87G-2.5 |
| 384618-017 | SS103L-1.5 | 384618-045 | SS27L-2.5 | 384618-073 | SS87H-0.5 |
| 384618-018 | SS103L-2.5 | 384618-046 | SS68E-0.5 | 384618-074 | SS87H-1.5 |
| 384618-019 | SS96D-0.5 | 384618-047 | SS68E-1.5 | 384618-075 | SS87H-2.5 |
| 384618-020 | SS96D-1.5 | 384618-048 | SS68E-2.5 | 384618-076 | SS80D-0.5 |
| 384618-021 | SS96D-2.5 | 384618-049 | SS68F-0.5 | 384618-077 | SS80D-1.5 |
| 384618-022 | SS96E-0.5 | 384618-050 | SS68F-1.5 | 384618-078 | SS80D-2.5 |
| 384618-023 | SS96E-1.5 | 384618-051 | SS68F-2.5 | 384618-079 | SS80E-0.5 |
| 384618-024 | SS96E-2.5 | 384618-052 | SS68G-0.5 | 384618-080 | SS77D-0.5 |
| 384618-025 | SS93G-0.5 | 384618-053 | SS68G-1.5 | 384618-081 | SS77D-1.5 |
| 384618-026 | SS93G-1.5 | 384618-054 | SS68G-2.5 | 384618-082 | SS77D-2.5 |
| 384618-027 | SS93G-2.5 | 384618-055 | SS68H-0.5 | 384618-083 | SS77G-0.5 |
| 384618-028 | SS93H-0.5 | 384618-056 | SS68H-1.5 | 384618-084 | SS77G-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-001</u> | Client Sample #: SS103G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 145 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-002</u> | Client Sample #: SS103G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | | | | | | | |
|--------------------------------|------------------------|---|------|-----|-------|----------|------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173294 |
| Lead | 1.23 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-003</u> | Client Sample #: SS103G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-004</u> | Client Sample #: SS103H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173294 |
| Lead | 150 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-005</u> | Client Sample #: SS103H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | | | | | | | |
|--------------------------------|------------------------|---|------|-----|-------|----------|------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1174225 |
| Lead | 14.7 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-006</u> | Client Sample #: SS103H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-007</u> | Client Sample #: SS103I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 92.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-008</u> | Client Sample #: SS103I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 13.1 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-009</u> | Client Sample #: SS103I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-010</u> | Client Sample #: SS103J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 141 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-011</u> | Client Sample #: SS103J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 27.2 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-012</u> | Client Sample #: SS103J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-013</u> | Client Sample #: SS103K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 68.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-014</u> | Client Sample #: SS103K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 40.3 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-015</u> | Client Sample #: SS103K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-016</u> | Client Sample #: SS103L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 107 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-017</u> | Client Sample #: SS103L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-018</u> | Client Sample #: SS103L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-019</u> | Client Sample #: SS96D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 318 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-020</u> | Client Sample #: SS96D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 0.39 J | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN J |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-021</u> | Client Sample #: SS96D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-022</u> | Client Sample #: SS96E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 248 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-023</u> | Client Sample #: SS96E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 14.3 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-024</u> | Client Sample #: SS96E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-025</u> | Client Sample #: SS93G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 60.8 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-026</u> | Client Sample #: SS93G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-027</u> | Client Sample #: SS93G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:44 | Site: | |
| Sample #: <u>384618-028</u> | Client Sample #: SS93H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-029</u> | Client Sample #: SS93H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-030</u> | Client Sample #: SS93H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:49 | Site: | |
| Sample #: <u>384618-031</u> | Client Sample #: SS27G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 268 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 10.1 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-032</u> | Client Sample #: SS27G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 96.6 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-033</u> | Client Sample #: SS27G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-034</u> | Client Sample #: SS27I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.5 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-035</u> | Client Sample #: SS27I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-036</u> | Client Sample #: SS271-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-037</u> | Client Sample #: SS27J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-038</u> | Client Sample #: SS27J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-039</u> | Client Sample #: SS27J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:35 | Site: | |
| Sample #: <u>384618-040</u> | Client Sample #: SS27K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-041</u> | Client Sample #: SS27K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-042</u> | Client Sample #: SS27K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-043</u> | Client Sample #: SS27L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 24.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-044</u> | Client Sample #: SS27L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-045</u> | Client Sample #: SS27L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-046</u> | Client Sample #: SS68E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:20 | Site: | |
| Sample #: <u>384618-047</u> | Client Sample #: SS68E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-048</u> | Client Sample #: SS68E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-049</u> | Client Sample #: SS68F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-050</u> | Client Sample #: SS68F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-051</u> | Client Sample #: SS68F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-052</u> | Client Sample #: SS68G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 166 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-053</u> | Client Sample #: SS68G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 4.53 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-054</u> | Client Sample #: SS68G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-055</u> | Client Sample #: SS68H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 36.3 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-056</u> | Client Sample #: SS68H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:28 | Site: | |
| Sample #: <u>384618-057</u> | Client Sample #: SS68H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:41 | Site: | |
| Sample #: <u>384618-058</u> | Client Sample #: SS79G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 101 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-059</u> | Client Sample #: SS79G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 9.24 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-060</u> | Client Sample #: SS79G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:32 | Site: | |
| Sample #: <u>384618-061</u> | Client Sample #: SS79H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 192 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:33 | Site: | |
| Sample #: <u>384618-062</u> | Client Sample #: SS79H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 22.6 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:34 | Site: | |
| Sample #: <u>384618-063</u> | Client Sample #: SS79H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-064</u> | Client Sample #: SS87E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 97.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:20 | Site: | |
| Sample #: <u>384618-065</u> | Client Sample #: SS87E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 10.4 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-066</u> | Client Sample #: SS87E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-067</u> | Client Sample #: SS87F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 21.9 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-068</u> | Client Sample #: SS87F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-069</u> | Client Sample #: SS87F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:28 | Site: | |
| Sample #: <u>384618-070</u> | Client Sample #: SS87G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 99.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-071</u> | Client Sample #: SS87G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 18.4 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-072</u> | Client Sample #: SS87G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-073</u> | Client Sample #: SS87H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 68.0 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-074</u> | Client Sample #: SS87H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-075</u> | Client Sample #: SS87H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-076</u> | Client Sample #: SS80D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 32.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-077</u> | Client Sample #: SS80D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 3.20 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-078</u> | Client Sample #: SS80D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-079</u> | Client Sample #: SS80E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 19.6 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-080</u> | Client Sample #: SS77D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 848 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-081</u> | Client Sample #: SS77D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | | | | | | | |
|--------------------------------|------------------------|---|------|-----|-------|----------|------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173294 |
| Lead | 1.38 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-082</u> | Client Sample #: SS77D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-083</u> | Client Sample #: SS77G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 165 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-084</u> | Client Sample #: SS77G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | | | | | | | |
|--------------------------------|------------------------|---|------|-----|-------|----------|------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173295 |
| Lead | 9.15 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-085</u> | Client Sample #: SS77G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-086</u> | Client Sample #: SS76D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 54.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-087</u> | Client Sample #: SS76D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-088</u> | Client Sample #: SS76D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-089</u> | Client Sample #: SS76E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:24 | Site: | |
| Sample #: <u>384618-090</u> | Client Sample #: SS76E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:25 | Site: | |
| Sample #: <u>384618-091</u> | Client Sample #: SS76E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-092</u> | Client Sample #: SS74D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 43.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:46 | Site: | |
| Sample #: <u>384618-093</u> | Client Sample #: SS74D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:47 | Site: | |
| Sample #: <u>384618-094</u> | Client Sample #: SS74D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-095</u> | Client Sample #: SS70F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 109 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-096</u> | Client Sample #: SS70F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173295 |
| Lead | 13.8 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:39 | Site: | |
| Sample #: <u>384618-097</u> | Client Sample #: SS70F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-098</u> | Client Sample #: SS70G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1173295 |
| Lead | 132 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-099</u> | Client Sample #: SS70G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1174225 |
| Lead | 18.0 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-100</u> | Client Sample #: SS70G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-101</u> | Client Sample #: SS70H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172941 |
| Lead | 78.7 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:36 | Site: | |
| Sample #: <u>384618-102</u> | Client Sample #: SS70H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:37 | Site: | |
| Sample #: <u>384618-103</u> | Client Sample #: SS70H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:43 | Site: | |
| Sample #: <u>384618-104</u> | Client Sample #: SS70I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:44 | Site: | |
| Sample #: <u>384618-105</u> | Client Sample #: SS70I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-106</u> | Client Sample #: SS70I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-107</u> | Client Sample #: SS103K-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 81.6 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-108</u> | Client Sample #: SS93G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 25.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:50 | Site: | |
| Sample #: <u>384618-109</u> | Client Sample #: SS27G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 33.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 9.34 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-110</u> | Client Sample #: SS87E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 85.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-111</u> | Client Sample #: SS76D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 50.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-112</u> | Client Sample #: SS77D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 242 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-113</u> | Client Sample #: SS80D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 127 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-114</u> | Client Sample #: SS70H-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 65.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-115</u> | Client Sample #: SS68E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 53.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-116</u> | Client Sample #: EB112116A | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-117</u> | Client Sample #: EB112116B | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172781</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172781MB1 | | | | | | |
| Arsenic | ND | mg/L | 0.004 | 0.01 | | |
| Lead | ND | mg/L | 0.004 | 0.005 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172781LCS1 | | | | | | | | | | | |
| Arsenic | 2 | | 1.79 | | mg/L | 90 | | | 80-120 | | |
| Lead | 2 | | 1.76 | | mg/L | 88 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172781MS1, QC1172781MSD1 | | | | | | | | | | | | |
| Arsenic | ND | 1 | 1 | 0.964 | 0.887 | mg/L | 96 | 89 | 8.3 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 0.944 | 0.877 | mg/L | 94 | 88 | 7.4 | 75-125 | 20 | |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1172783 | Analyst: dswafford | Method: EPA 6020 |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|---------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172783MB1 | | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | | |
| Copper | ND | ug/L | 0.11 | 3 | | |
| Lead | ND | ug/L | 0.1 | 5 | | |
| Zinc | 2.62 J | ug/L | 0.16 | 10 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172783LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 52.9 | | ug/L | 106 | | | 80-120 | | |
| Copper | 50 | | 51.6 | | ug/L | 103 | | | 80-120 | | |
| Lead | 50 | | 50.6 | | ug/L | 101 | | | 80-120 | | |
| Zinc | 50 | | 57.3 | | ug/L | 115 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172783MS1, QC1172783MSD1 | | | | | | | | | | | Source: 384404-054 | |
| Arsenic | ND | 50 | 50 | 52.5 | 53.1 | ug/L | 105 | 106 | 1.1 | 75-125 | 20 | |
| Copper | 1.66 | 50 | 50 | 52.8 | 53.1 | ug/L | 102 | 103 | 0.6 | 75-125 | 20 | |
| Lead | 0.2 | 50 | 50 | 52.5 | 53.6 | ug/L | 105 | 107 | 2.1 | 75-125 | 20 | |
| Zinc | 80.9 | 50 | 50 | 132 | 138 | ug/L | 102 | 114 | 4.4 | 75-125 | 20 | |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1172940 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172940MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172940LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Arsenic | 100 | | 95.3 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Beryllium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cadmium | 100 | | 99.5 | | mg/Kg | 100 | | | 80-120 | | |
| Chromium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cobalt | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Copper | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 90.8 | | mg/Kg | 91 | | | 80-120 | | |
| Nickel | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Selenium | 100 | | 93.6 | | mg/Kg | 94 | | | 80-120 | | |
| Silver | 100 | | 98.9 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 100 | | 97.4 | | mg/Kg | 97 | | | 80-120 | | |
| Vanadium | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Zinc | 100 | | 105 | | mg/Kg | 105 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | | Source: 384593-001 |
| Antimony | 2.32 | 100 | 100 | 34.8 | 38.3 | mg/Kg | 32 | 36 | 9.6 | 75-125 | 20 | M |
| Arsenic | 107 | 100 | 100 | 217 | 218 | mg/Kg | 110 | 111 | 0.5 | 75-125 | 20 | |
| Barium | 654 | 100 | 100 | 915 | 823 | mg/Kg | 261 | 169 | 10.6 | 75-125 | 20 | NC |
| Beryllium | ND | 100 | 100 | 95.2 | 95.9 | mg/Kg | 95 | 96 | 0.7 | 75-125 | 20 | |
| Cadmium | 5.23 | 100 | 100 | 105 | 104 | mg/Kg | 100 | 99 | 1.0 | 75-125 | 20 | |
| Chromium | 13.0 | 100 | 100 | 109 | 108 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Cobalt | 27.4 | 100 | 100 | 119 | 120 | mg/Kg | 92 | 93 | 0.8 | 75-125 | 20 | |
| Copper | 1500 | 100 | 100 | 1880 | 1710 | mg/Kg | 380 | 210 | 9.5 | 75-125 | 20 | NC |
| Lead | 68.9 | 100 | 100 | 158 | 157 | mg/Kg | 89 | 88 | 0.6 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172940</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | Source: 384593-001 | |
| Molybdenum | 3.59 | 100 | 100 | 98.4 | 98.9 | mg/Kg | 95 | 95 | 0.5 | 75-125 | 20 | |
| Nickel | 2.63 | 100 | 100 | 90.6 | 91.5 | mg/Kg | 88 | 89 | 1.0 | 75-125 | 20 | |
| Selenium | 20.9 | 100 | 100 | 114 | 113 | mg/Kg | 93 | 92 | 0.9 | 75-125 | 20 | |
| Silver | 1.23 | 100 | 100 | 97.6 | 96.7 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Thallium | 0.95 | 100 | 100 | 96.5 | 95.0 | mg/Kg | 96 | 94 | 1.6 | 75-125 | 20 | |
| Vanadium | 21.8 | 100 | 100 | 124 | 122 | mg/Kg | 102 | 100 | 1.6 | 75-125 | 20 | |
| Zinc | 4120 | 100 | 100 | 4390 | 4410 | mg/Kg | 270 | 290 | 0.5 | 75-125 | 20 | NC |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172941</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172941MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172941LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Arsenic | 100 | | 99.8 | | mg/Kg | 100 | | | 80-120 | | |
| Barium | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Cadmium | 100 | | 99.4 | | mg/Kg | 99 | | | 80-120 | | |
| Chromium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Cobalt | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Copper | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 96.1 | | mg/Kg | 96 | | | 80-120 | | |
| Nickel | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Selenium | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Silver | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Thallium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Vanadium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Zinc | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | Source: 384618-101 | |
| Antimony | ND | 100 | 100 | 27.7 | 23.9 | mg/Kg | 30 | 26 | 14.7 | 75-125 | 20 | M |
| Arsenic | 4.72 | 100 | 100 | 101 | 97.0 | mg/Kg | 96 | 92 | 4.0 | 75-125 | 20 | |
| Barium | 92.4 | 100 | 100 | 194 | 188 | mg/Kg | 102 | 96 | 3.1 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 98.2 | 91.4 | mg/Kg | 100 | 93 | 7.2 | 75-125 | 20 | |
| Cadmium | 0.55 | 100 | 100 | 93.6 | 90.0 | mg/Kg | 93 | 89 | 3.9 | 75-125 | 20 | |
| Chromium | 13.5 | 100 | 100 | 110 | 108 | mg/Kg | 97 | 95 | 1.8 | 75-125 | 20 | |
| Cobalt | 7.15 | 100 | 100 | 106 | 101 | mg/Kg | 99 | 94 | 4.8 | 75-125 | 20 | |
| Copper | 20.0 | 100 | 100 | 124 | 117 | mg/Kg | 104 | 97 | 5.8 | 75-125 | 20 | |
| Lead | 78.7 | 100 | 100 | 169 | 175 | mg/Kg | 90 | 96 | 3.5 | 75-125 | 20 | |

QCBatchID: QC1172941**Analyst:** dswafford**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 11/30/2016**Instrument:** AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | Source: 384618-101 | |
| Molybdenum | ND | 100 | 100 | 87.4 | 82.1 | mg/Kg | 87 | 82 | 6.3 | 75-125 | 20 | |
| Nickel | 10.5 | 100 | 100 | 108 | 103 | mg/Kg | 98 | 93 | 4.7 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 60.7 | 55.2 | mg/Kg | 91 | 85 | 9.5 | 75-125 | 20 | |
| Silver | ND | 100 | 100 | 95.5 | 88.8 | mg/Kg | 95 | 89 | 7.3 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 89.8 | 86.8 | mg/Kg | 92 | 89 | 3.4 | 75-125 | 20 | |
| Vanadium | 26.8 | 100 | 100 | 127 | 122 | mg/Kg | 100 | 95 | 4.0 | 75-125 | 20 | |
| Zinc | 135 | 100 | 100 | 233 | 245 | mg/Kg | 98 | 110 | 5.0 | 75-125 | 20 | |

QC Batch ID: **QC1172947**

Analyst: dswafford

Method: EPA 6020

Matrix: Solid

Analyzed: 11/30/2016

Instrument: AAICP (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|----------------|-------|------|-----|-------|
| QC1172947MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.06 | 0.5 | |
| Arsenic | 0.025 J | mg/Kg | 0.02 | 0.3 | |
| Barium | 0.033 J | mg/Kg | 0.02 | 0.5 | |
| Beryllium | ND | mg/Kg | 0.02 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.02 | 0.5 | |
| Chromium | ND | mg/Kg | 0.02 | 0.5 | |
| Cobalt | ND | mg/Kg | 0.02 | 0.5 | |
| Copper | ND | mg/Kg | 0.02 | 0.5 | |
| Lead | 0.351 J | mg/Kg | 0.02 | 0.5 | |
| Molybdenum | 0.043 J | mg/Kg | 0.02 | 0.5 | |
| Nickel | ND | mg/Kg | 0.04 | 0.5 | |
| Selenium | 0.078 J | mg/Kg | 0.04 | 0.5 | |
| Silver | ND | mg/Kg | 0.02 | 0.5 | |
| Thallium | ND | mg/Kg | 0.02 | 0.5 | |
| Vanadium | ND | mg/Kg | 0.02 | 0.5 | |
| Zinc | 2.60 | mg/Kg | 0.09 | 1 | B |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172947LCS1 | | | | | | | | | | | |
| Antimony | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Arsenic | 50 | | 52.6 | | mg/Kg | 105 | | | 80-120 | | |
| Barium | 50 | | 51.6 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 50 | | 51.9 | | mg/Kg | 104 | | | 80-120 | | |
| Cadmium | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Chromium | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Cobalt | 50 | | 50.4 | | mg/Kg | 101 | | | 80-120 | | |
| Copper | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Lead | 50 | | 53.5 | | mg/Kg | 107 | | | 80-120 | | |
| Molybdenum | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Nickel | 50 | | 50.6 | | mg/Kg | 101 | | | 80-120 | | |
| Selenium | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Silver | 50 | | 49.3 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 50 | | 51.3 | | mg/Kg | 103 | | | 80-120 | | |
| Vanadium | 50 | | 52.3 | | mg/Kg | 105 | | | 80-120 | | |
| Zinc | 50 | | 52.4 | | mg/Kg | 105 | | | 80-120 | | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1173294</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 12/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1173294MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1173294LCS1 | | | | | | | | | | | |
| Lead | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1173294MS1, QC1173294MSD1 | | | | | | | | | | | | |
| Lead | 1.38 | 100 | 100 | 87.4 | 86.6 | mg/Kg | 86 | 85 | 0.9 | 75-125 | 20 | Source: 384618-081 |

| | | |
|--------------------------------------|-----------------------------|----------------------------------|
| QC Batch ID: <u>QC1173295</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 12/12/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1173295MB1 | | | | | | |
| Iron | ND | mg/Kg | 0.4 | 5 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1173295LCS1 | | | | | | | | | | | |
| Iron | 100 | | 114 | | mg/Kg | 114 | | | 80-120 | | |
| Lead | 100 | | 92.9 | | mg/Kg | 93 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1173295MS1, QC1173295MSD1 | | | | | | | | | | | | Source: 384618-084 |
| Iron | 25400 | 100 | 100 | 22900 | 22100 | mg/Kg | 0 | 0 | 3.6 | 75-125 | 20 | NC |
| Lead | 9.15 | 100 | 100 | 99.2 | 89.5 | mg/Kg | 90 | 80 | 10.3 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1174225</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 01/11/2017 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1174225MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1174225LCS1 | | | | | | | | | | | |
| Lead | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1174225MS1, QC1174225MSD1 | | | | | | | | | | | | |
| Lead | 14.7 | 100 | 100 | 110 | 114 | mg/Kg | 95 | 99 | 3.6 | 75-125 | 20 | Source: 384618-005 |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than RDL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 38468

Page: 1 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

NOT COLLECTED (N/C)
 Hold and Archive *N/C*
 Hold and Archive *N/C*
 Hold and Archive *N/C*
 Hold and Archive *N/C*
 Hold and Archive *N/C*

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------------------------|---------------|---------------|--------|----------------------|-------|
| 1 SS2E-0.5 <i>EF</i> | 11/21/16 | <i>NA</i> | Soil | 1-8oz Jar | None |
| 2 SS2E-1.5 <i>EF</i> | 11/21/16 | <i>↓</i> | Soil | 1-8oz Jar | None |
| 3 SS2E-2.5 <i>EF</i> | 11/21/16 | <i>↓</i> | Soil | 1-8oz Jar | None |
| 4 SS2F-0.5 <i>EF</i> | 11/21/16 | <i>↓</i> | Soil | 1-8oz Jar | None |
| 5 SS2F-1.5 <i>EF</i> | 11/21/16 | <i>↓</i> | Soil | 1-8oz Jar | None |
| 6 SS2F-2.5 <i>EF</i> | 11/21/16 | <i>↓</i> | Soil | 1-8oz Jar | None |
| 7 SS103G-0.5 | 11/21/16 | <i>08:28</i> | Soil | 1-8oz Jar | None |
| 8 SS103G-1.5 | 11/21/16 | <i>08:28</i> | Soil | 1-8oz Jar | None |
| 9 SS103G-2.5 | 11/21/16 | <i>08:28</i> | Soil | 1-8oz Jar | None |
| 10 SS103H-0.5 | 11/21/16 | <i>08:30</i> | Soil | 1-8oz Jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------------|--------------------|-----------------------|
| <i>EF</i> | Eric Fraske | Alta Environmental | 11/21/2016 |
| <i>EM</i> | <i>L. Marroletti</i> | | <i>11/21/16 12:03</i> |
| <i>EM</i> | <i>L. Marroletti</i> | | <i>11/21/16 12:55</i> |
| <i>EM</i> | <i>DWY</i> | | <i>11/21/16 13:55</i> |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 380610
 Page: 2 of 17

Standard: X
 4 Day: Same Day:
 1 Day: Same Day:

Turn Around Time (Rush by advanced notice only)

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #: 1319 E. 41st Avenue
 Address: Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Analysis Request: Arsenic (USEPA 6020) x
 Lead (USEPA 6010B) x

Test Instructions / Comments

Test Instructions / Comments: Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103H-1.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 2 SS103H-2.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 3 SS103I-0.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 4 SS103I-1.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 5 SS103J-0.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 6 SS103J-1.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 7 SS103J-2.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 8 SS103K-0.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 9 SS103K-1.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|--------------------|-------------|--------------------|----------------|
| <i>Eric Fraske</i> | Eric Fraske | Alta Environmental | 11/21/2016 |
| <i>L. Marrett</i> | L. Marrett | | 11/21/16 12:03 |
| <i>L. Marrett</i> | L. Marrett | | 11/21/16 12:55 |
| <i>TD</i> | TD | | 11/21/16 12:55 |

ENTHALPY ANALYTICAL, INC.

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Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 384618 of 17
 Page: 3 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 4 Day: 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103K-2.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |
| 2 SS103L-0.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 3 SS103L-1.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 4 SS103L-2.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 5 SS96D-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 6 SS96D-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 7 SS96D-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 8 SS96E-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 9 SS96E-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 10 SS96E-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|--------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Macarotti | | 11/21/16 1203 |
| | L. Macarotti | | 11/21/16 1255 |
| | Eric Fraske | | |
| | Eric Fraske | | |
| | Eric Fraske | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 382618 of 17
 Page: 4 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|------------------------|------------------------------|
| 1 SS93G-0.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) x | |
| 2 SS93G-1.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) x | Hold and Archive |
| 3 SS93G-2.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS93H-0.5 | 11/21/16 | 08:44 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS93H-1.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS93H-2.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS27G-0.5 | 11/21/16 | 08:49 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS27G-1.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS27G-2.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS27H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Not Collected |

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

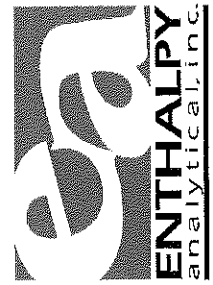
Print Name
 Eric Fraske
 C. Marroketi
 C. Marroketi
 JONY

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:57

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 384618
 Page: 5 of 17

Standard: X
 4 Day:
 1 Day:
 3 Day:
 Same Day:

Turn Around Time (Rush by advanced notice only)

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | |
|----------------------|-----------------------------|-------------|------------------------------|---------------------|--|------------------------------|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | Analysis Request | | Test Instructions / Comments | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|----------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------------------|
| 1 SS27K-1.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive Not collected |
| 2 SS27K-2.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive Not collected |
| 3 SS27K-0.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS27K-2.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS27K-0.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS27K-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS27K-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS27K-0.5 | 11/21/16 | 08:35 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|--------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Maccubbin | | 11/21/16 12:55 |
| | L. Parakkal | | 11/21/16 12:55 |
| | Tom | | |
| | Eric | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 380618
 Page: 6 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | Analysis Request | | Test Instructions / Comments | |
|----------------------|--|---------------------|------------------------------|------------------|--|------------------------------|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|------------------|------------------------------|
| 1 SS27K-2.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 2 SS27L-0.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 3 SS27L-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS27L-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS68E-0.5 | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 6 SS68E-1.5 | 11/21/16 | 11:20 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS68E-2.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS68F-0.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS68F-1.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS68F-2.5 | 11/21/16 | 11:25 | Soil | 1-8oz Jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|---------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Maccoletti | | 11/21/16 1203 |
| | C. Maccoletti | | 11/21/16 1255 |
| | J. Stump | | 11/21/16 1255 |
| | | | |
| | | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 784618
 Page: 7 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: X
 4 Day: 2 Day: 1 Day: Same Day:

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|----------------------|-----------------------------|---------------------|------------------------------|--|--|------------------|--|------------------------------|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) |
|--------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|
| 1 SS68G-0.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | x |
| 2 SS68G-1.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | |
| 3 SS68G-2.5 | 11/21/16 | 11:25 | Soil | 1-8oz Jar | None | | |
| 4 SS68H-0.5 | 11/21/16 | 11:27 | Soil | 1-8oz Jar | None | | |
| 5 SS68H-1.5 | 11/21/16 | 11:27 | Soil | 1-8oz Jar | None | | |
| 6 SS68H-2.5 | 11/21/16 | 11:28 | Soil | 1-8oz Jar | None | | |
| 7 SS79G-0.5 | 11/21/16 | 09:41 | Soil | 1-8oz Jar | None | x | |
| 8 SS79G-1.5 | 11/21/16 | 09:42 | Soil | 1-8oz Jar | None | | |
| 9 SS79G-2.5 | 11/21/16 | 09:42 | Soil | 1-8oz Jar | None | | |
| 10 SS79H-0.5 | 11/21/16 | 09:32 | Soil | 1-8oz Jar | None | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marcolletti | | 11/21/16 12:03 |
| | L. Marcolletti | | 11/21/16 12:55 |
| | Tony D | | 11/21/16 12:55 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 3811618
 Page: 8 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|-------------------------|---|---------------------|--|----------------------|-------|----------------------|--|------------------------------|---------------------|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | Arsenic (USEPA 6020) | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | Lead (USEPA 6010B) | | | |
| Email: | eric.fraske@altaenviro.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard Long Beach, CA 90807 | Address: | 1319 E. 41st Avenue Los Angeles, California | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | | | | |
| 1 SS79H-1.5 | 11/21/16 | 09:33 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 2 SS79H-2.5 | 11/21/16 | 09:34 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 3 SS79J-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 4 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 5 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 6 SS79J-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 7 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 8 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 9 SS88D-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 10 SS88D-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marshall | | 11/21/16 1203 |
| | C. Marshall | | 11/21/16 1255 |
| | TBW | | 11/21/16 1255 |
| | | | |
| | | | |

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 394618 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------------------|---------------|---------------|--------|----------------------|-------|----------------------|----------------------------------|
| 1 SS88D-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive - Not collected |
| 2 SS88E-0.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 3 SS88F-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS88E-2.5 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS87E-0.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 6 SS87E-1.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS87E-2.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS87F-0.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS87F-1.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS87F-2.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marcolletto | | 11/21/16 1203 |
| | L. Marcolletto | | 11/21/16 1051 |
| | Tony D | | 11/21/16 1255 |
| | | | |
| | | | |

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 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
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 1 Park Plaza, Suite 1000, Irvine, CA 92614




Chain of Custody Record
 Lab No: 304018
 Page: 11 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Turn Around Time (Rush by advanced notice only) | |
|-----------------------------|------------------------------|---------------------|---------------|--------|----------------------|------------------|----------------------|---|--|
| Company: | Name: | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | Test Instructions / Comments |
| Alta Environmental | Thomas Jefferson High School | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive <i>Not collected</i> |
| Eric Fraske | LAUS-16-6101 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive <i>Not collected</i> |
| eric.fraske@altaenviron.com | P.O. #: | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | x | | |
| 3777 Long Beach Boulevard | Address: | 11/21/16 | 10:22 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| Long Beach, CA 90807 | Global ID: | 11/21/16 | 10:22 | Soil | 1-8oz Jar | None | | | Hold and Archive |
| 562-544-3910 | Sampled By: EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive <i>Not collected</i> |
| 562-495-5877 | | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| | | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |
| | | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | | <i>Not collected</i> |
| | | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|---------------------|--------------|--------------------|---------------|
| <i>Eric Fraske</i> | Eric Fraske | Alta Environmental | 11/21/2016 |
| <i>E. Marchetti</i> | E. Marchetti | | 11/21/16 1203 |
| <i>E. Marchetti</i> | E. Marchetti | | 11/21/16 1255 |
| <i>Tom B</i> | Tom B | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614







Chain of Custody Record
 Lab No: 384618
 Page: 12 of 17
 Standard: X
 4 Day: 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | | Analysis Request | | Turn Around Time (Rush by advanced notice only) | |
|------------------------|-----------------------------|---------------------|------------------------------|----------------------|-------|----------------------|--------------------|--|---|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | |
| 1 SS77G-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | Hold and Archive Not collected | |
| 2 SS77G-0.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | x | | | | |
| 3 SS77G-1.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | | | |
| 4 SS77G-2.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | | | |
| 5 SS77H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | Hold and Archive - Not collected | |
| 6 SS77H-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | | Hold and Archive ↓ | |
| 7 SS77H-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive ↓ | |
| 8 SS76D-0.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | x | | | | |
| 9 SS76D-1.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | | | |
| 10 SS76D-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|---|---------------|--------------------|----------------|
|  | Eric Fraske | Alta Environmental | 11/21/2016 |
|  | E. Marcolotti | | 11/21/16 12:03 |
|  | E. Marcolotti | | 11/21/16 12:55 |
|  | Tony | | 11/21/16 12:55 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 380010
 Page: 13 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------------------------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 SS76E-0.5 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 2 SS76E-1.5 | 11/21/16 | 10:24 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 3 SS76E-2.5 | 11/21/16 | 10:25 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 4 SS76E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Not collected |
| 5 SS76E-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 6 SS76E-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 7 SS74D-0.5 0.5 EF | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 8 SS74D-1.5 | 11/21/16 | 10:46 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 9 SS74D-2.5 | 11/21/16 | 10:47 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Hold and Archive |
| 10 SS70D-0.5 0.5 NA | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | Not collected |

| Signature | Print Name | Company / Title | Date / Time |
|------------------|--------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marchetti | | 11/21/16 12:03 |
| | C. Marchetti | | 11/21/16 12:58 |
| | Tom D | | 11/21/16 12:55 |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |

| | | | | | |
|--|--|--|--|---|--|
| ENTHALPHY ANALYTICAL, INC. | | Chain of Custody Record | | Turn Around Time (Rush by advanced notice only) | |
| 806 N. Batavia St., Orange, CA 92868 | | Lab No: <u>201618</u> | | Standard: <input checked="" type="checkbox"/> 4 Day: <input type="checkbox"/> 3 Day: <input type="checkbox"/> | |
| Phone: (714) 771-6900 Fax: (714) 771-9933 | | Page: 14 of 17 | | 2 Day: <input type="checkbox"/> 1 Day: <input type="checkbox"/> Same Day: <input type="checkbox"/> | |
| Billing: Enthalpy - SoCal | | Matrix: A = Air DW = Drinking Water | | Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ | |
| c/o Montrose Environmental Group | | FL = Food Liquid FS = Food Solid L = Liquid | | 4 = H ₂ SO ₄ 5 = NaOH 6 = Other | |
| 1 Park Plaza, Suite 1000, Irvine, CA 92614 | | PP = Pure Product S = Solid SeaW = Sea Water | | | |
| | | SW = Swab W = Water WP = Wipe O = Other | | | |

| | | | | | | | |
|------------------------------------|--|----------------------------|--|-------------------------|--|-------------------------------------|--|
| ENTHALPHY ANALYTICAL, INC. | | PROJECT INFORMATION | | Analysis Request | | Test Instructions / Comments | |
| Name: Thomas Jefferson High School | | Arsenic (USEPA 6020) | | | | | |
| Number: LAUS-16-6101 | | Lead (USEPA 6010B) | | | | | |
| P.O. #: | | | | | | | |
| Address: 1319 E. 41st Avenue | | | | | | | |
| Los Angeles, California | | | | | | | |
| Global ID: | | | | | | | |
| Sampled By: EF | | | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|------------------------|---------------|---------------|--------|----------------------|-------|
| 1 SS70D-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None |
| 2 SS70D-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 3 SS70E-0.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 4 SS70E-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 5 SS70E-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 6 SS70F-0.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None |
| 7 SS70F-1.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None |
| 8 SS70F-2.5 | 11/21/16 | 10:39 | Soil | 1-8oz Jar | None |
| 9 SS70G-0.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None |
| 10 SS70G-1.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None |

| | | | | | | | | | |
|------------------------------------|--|------------------|--|-------------------|--|------------------------|--|--------------------|--|
| CUSTOMER INFORMATION | | Signature | | Print Name | | Company / Title | | Date / Time | |
| Company: Alta Environmental | | | | Eric Fraske | | Alta Environmental | | 11/21/2016 | |
| Report To: Eric Fraske | | | | C. Marcolletti | | | | 11/21/16 12:03 | |
| Email: eric.fraske@altaenviron.com | | | | C. Marcolletti | | | | 11/21/16 12:55 | |
| Address: 3777 Long Beach Boulevard | | | | Tony D | | | | 11/21/16 12:55 | |
| Long Beach, CA 90807 | | | | | | | | | |
| Phone: 562-544-3910 | | | | | | | | | |
| Fax: 562-495-5877 | | | | | | | | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 381610
 Page: 15 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-------------------------|---------------|---------------|--------|----------------------|-------|--------------------|----------------------------------|
| 1 SS70G-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 2 SS70H-0.5 | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | x | |
| 3 SS70H-1.5 | 11/21/16 | 10:36 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS70H-2.5 | 11/21/16 | 10:37 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS70I-0.5 | 11/21/16 | 10:43 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS70I-1.5 | 11/21/16 | 10:44 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS70I-2.5 | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS76G-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive - Not collected |
| 9 SS76G-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS76G-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | Hold and Archive |

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*

Print Name
 Eric Fraske
 L. Maccolotti
 L. Maccolotti
 TOM D

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 382618
 Page: 16 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

ENTHALPHY analytical inc.

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | |
| 2 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | |
| 3 | 11/21/16 | 08:50 | Soil | 1-8oz Jar | None | | |
| 4 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | | |
| 5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | |
| 6 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | | |
| 7 | 11/21/16 | 10:00 | Soil | 1-8oz Jar | None | | |
| 8 | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | | |
| 9 | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | | |
| 10 | 11/21/16 | 11:40 | None | 1-8oz Jar | None | | |

Signature
 Relinquished By: *Eric Fraske*
 Received By: *L. Marcolletti*
 Relinquished By: *L. Marcolletti*
 Received By: *Stump*
 Relinquished By:
 Received By:

Print Name
 Eric Fraske
 L. Marcolletti
 L. Marcolletti
 Stump

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 384610 of 17 Standard: 4 Day: 3 Day:
 Page: 16 of 17 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

| | |
|----------------------|--|
| Lead (USEPA 6010B) | |
| Arsenic (USEPA 6020) | |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------------|---------------|---------------|--------|----------------------|-------|
| 1 EB112116 B | 11/21/16 | 11:40 | H2O | 1 Poly | 3 XX |
| 2 | 11/21/16 | | | | |
| 3 | 11/21/16 | | | | |
| 4 | 11/21/16 | | | | |
| 5 | 11/21/16 | | | | |
| 6 | 11/21/16 | | | | |
| 7 | 11/21/16 | | | | |
| 8 | 11/21/16 | | | | |
| 9 | 11/21/16 | | | | |
| 10 | 11/21/16 | | | | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--|---------------|--------------------|----------------|
| 1 Relinquished By: | | Eric Fraske | Alta Environmental | 11/21/2016 |
| 1 Received By: | | E. Marcolotti | | 11/21/16 12:03 |
| 2 Relinquished By: | | E. Marcolotti | | 11/21/16 12:55 |
| 2 Received By: | | E. Marcolotti | | |
| 3 Relinquished By: | | E. Marcolotti | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: Alta Project: _____
Date Received: 11/21/14 Sampler's Name Present: Yes No
Sample(s) received in a cooler? Yes How many? 1 No (skip section 2) Sample Temp (°C): _____
Sample Temp (°C) from each cooler: #1: 14.1 #2: _____ #3: _____ #4: _____
(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)
Shipping Information: _____

Section 2
Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

| Section 3 | YES | NO | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were sample IDs present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Was a relinquished signature present? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were the tests required clearly indicated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were custody seals present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If Yes – were they intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Was there headspace in VOA vials? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Section 4
Explanations/Comments: _____

Section 5
For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
Email (email sent to/on): _____ / _____
Project Manager's response: _____

Completed By: [Signature] Date: 11/21/14

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Friday, December 09, 2016 8:34 AM
To: Ranjit Clarke
Cc: Bina Patel
Subject: RE: Thomas Jefferson High School (11/21/16) - Enthalpy Analytical Final Report #384618

Hi Ranjit,

Can you please run the following samples collected and submitted as part of report 384618 for lead only by EPA Method 6010 on a standard TAT.

SS103G-1.5
SS103H-0.5
SS103I-1.5
SS103J-0.5
S96D-1.5
SS96E-0.5
SS27G-1.5
SS68G-1.5
SS68H-0.5
SS79G-1.5
SS79H-0.5
SS87E-1.5
SS87F-0.5
SS87G-1.5
SS87H-0.5
SS77D-1.5
SS77G-1.5
SS70F-1.5
SS70G-0.5
SS103K-1.5
SS103L-0.5
SS80D-1.5
SS80E-0.5

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

If you are buying or developing real estate – time and information are crucial.
Download our **Free Environmental Due Diligence Search Tool** [CLICK HERE](#).

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Monday, January 09, 2017 4:06 PM
To: Kristen Walker; Ranjit Clarke
Subject: RE: Enthalpy Analytical Final Report #384618

Hi Kristen and Ranjit,

Can I get the following samples for this report analyzed for lead EPA 6010 on standard TAT.

- SS103H-1.5
- SS103J-1.5
- SS96E-1.5
- SS79H-1.5

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Kristen Walker [mailto:kristen.walker@enthalpy.com]
Sent: Wednesday, December 21, 2016 4:54 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Subject: Enthalpy Analytical Final Report #384618

Hi Eric Fraske,

Attached is your final report #384618. I am going to have our IT department create the cover page because all of the samples do not fit on one sheet. I will get this over to you as soon as I can. But all of the sample results are within the report.

Thank you.

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Monday, January 09, 2017 4:13 PM
To: Ranjit Clarke; Kristen Walker
Subject: RE: Enthalpy Analytical Final Report #384618

Sorry, please also add sample SS70G-1.5 to the list as well.

Thanks

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Monday, January 09, 2017 4:13 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>; Kristen Walker <kristen.walker@enthalpy.com>
Subject: RE: Enthalpy Analytical Final Report #384618

No problem.



Ranjit Clarke
Senior Project Manager
O: 714-771-9906 / M: 657-274-9864 / F: 714-538-1209
Ranjit.Clarke@enthalpy.com

From: Eric Fraske [mailto:Eric.Fraske@altaenviron.com]
Sent: Monday, January 09, 2017 4:06 PM
To: Kristen Walker <kristen.walker@enthalpy.com>; Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Enthalpy Analytical Final Report #384618



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 384618
Report Date: 01/23/2017
Date Received: 11/21/2016
Client ID: 11397

Comments: Thomas Jefferson High School
LAUS-16-6101

Supplemental Report 3

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> | <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|-----------------|-------------------------|-----------------|-------------------------|
| 384618-001 | SS103G-0.5 | 384618-029 | SS93H-1.5 | 384618-057 | SS68H-2.5 |
| 384618-002 | SS103G-1.5 | 384618-030 | SS93H-2.5 | 384618-058 | SS79G-0.5 |
| 384618-003 | SS103G-2.5 | 384618-031 | SS27G-0.5 | 384618-059 | SS79G-1.5 |
| 384618-004 | SS103H-0.5 | 384618-032 | SS27G-1.5 | 384618-060 | SS79G-2.5 |
| 384618-005 | SS103H-1.5 | 384618-033 | SS27G-2.5 | 384618-061 | SS79H-0.5 |
| 384618-006 | SS103H-2.5 | 384618-034 | SS27I-0.5 | 384618-062 | SS79H-1.5 |
| 384618-007 | SS103I-0.5 | 384618-035 | SS27I-1.5 | 384618-063 | SS79H-2.5 |
| 384618-008 | SS103I-1.5 | 384618-036 | SS27I-2.5 | 384618-064 | SS87E-0.5 |
| 384618-009 | SS103I-2.5 | 384618-037 | SS27J-0.5 | 384618-065 | SS87E-1.5 |
| 384618-010 | SS103J-0.5 | 384618-038 | SS27J-1.5 | 384618-066 | SS87E-2.5 |
| 384618-011 | SS103J-1.5 | 384618-039 | SS27J-2.5 | 384618-067 | SS87F-0.5 |
| 384618-012 | SS103J-2.5 | 384618-040 | SS27K-0.5 | 384618-068 | SS87F-1.5 |
| 384618-013 | SS103K-0.5 | 384618-041 | SS27K-1.5 | 384618-069 | SS87F-2.5 |
| 384618-014 | SS103K-1.5 | 384618-042 | SS27K-2.5 | 384618-070 | SS87G-0.5 |
| 384618-015 | SS103K-2.5 | 384618-043 | SS27L-0.5 | 384618-071 | SS87G-1.5 |
| 384618-016 | SS103L-0.5 | 384618-044 | SS27L-1.5 | 384618-072 | SS87G-2.5 |
| 384618-017 | SS103L-1.5 | 384618-045 | SS27L-2.5 | 384618-073 | SS87H-0.5 |
| 384618-018 | SS103L-2.5 | 384618-046 | SS68E-0.5 | 384618-074 | SS87H-1.5 |
| 384618-019 | SS96D-0.5 | 384618-047 | SS68E-1.5 | 384618-075 | SS87H-2.5 |
| 384618-020 | SS96D-1.5 | 384618-048 | SS68E-2.5 | 384618-076 | SS80D-0.5 |
| 384618-021 | SS96D-2.5 | 384618-049 | SS68F-0.5 | 384618-077 | SS80D-1.5 |
| 384618-022 | SS96E-0.5 | 384618-050 | SS68F-1.5 | 384618-078 | SS80D-2.5 |
| 384618-023 | SS96E-1.5 | 384618-051 | SS68F-2.5 | 384618-079 | SS80E-0.5 |
| 384618-024 | SS96E-2.5 | 384618-052 | SS68G-0.5 | 384618-080 | SS77D-0.5 |
| 384618-025 | SS93G-0.5 | 384618-053 | SS68G-1.5 | 384618-081 | SS77D-1.5 |
| 384618-026 | SS93G-1.5 | 384618-054 | SS68G-2.5 | 384618-082 | SS77D-2.5 |
| 384618-027 | SS93G-2.5 | 384618-055 | SS68H-0.5 | 384618-083 | SS77G-0.5 |
| 384618-028 | SS93H-0.5 | 384618-056 | SS68H-1.5 | 384618-084 | SS77G-1.5 |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-001</u> | Client Sample #: SS103G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 145 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-002</u> | Client Sample #: SS103G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 1.23 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-003</u> | Client Sample #: SS103G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-004</u> | Client Sample #: SS103H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 150 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-005</u> | Client Sample #: SS103H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 14.7 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:30 | Site: | |
| Sample #: <u>384618-006</u> | Client Sample #: SS103H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-007</u> | Client Sample #: SS103I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 92.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-008</u> | Client Sample #: SS103I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 13.1 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:21 | Site: | |
| Sample #: <u>384618-009</u> | Client Sample #: SS103I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-010</u> | Client Sample #: SS103J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 141 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-011</u> | Client Sample #: SS103J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 27.2 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:23 | Site: | |
| Sample #: <u>384618-012</u> | Client Sample #: SS103J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:28 | Site: | |
| Sample #: <u>384618-013</u> | Client Sample #: SS103K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 68.0 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-014</u> | Client Sample #: SS103K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 40.3 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-015</u> | Client Sample #: SS103K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-016</u> | Client Sample #: SS103L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 107 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-017</u> | Client Sample #: SS103L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:27 | Site: | |
| Sample #: <u>384618-018</u> | Client Sample #: SS103L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-019</u> | Client Sample #: SS96D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 318 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-020</u> | Client Sample #: SS96D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 0.39 J | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN J |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-021</u> | Client Sample #: SS96D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-022</u> | Client Sample #: SS96E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 248 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-023</u> | Client Sample #: SS96E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 14.3 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:32 | Site: | |
| Sample #: <u>384618-024</u> | Client Sample #: SS96E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

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|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-025</u> | Client Sample #: SS93G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 60.8 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-026</u> | Client Sample #: SS93G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:46 | Site: | |
| Sample #: <u>384618-027</u> | Client Sample #: SS93G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:44 | Site: | |
| Sample #: <u>384618-028</u> | Client Sample #: SS93H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-029</u> | Client Sample #: SS93H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-030</u> | Client Sample #: SS93H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:49 | Site: | |
| Sample #: <u>384618-031</u> | Client Sample #: SS27G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 268 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 10.1 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-032</u> | Client Sample #: SS27G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 96.6 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:53 | Site: | |
| Sample #: <u>384618-033</u> | Client Sample #: SS27G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174572 | |
| Lead | 13.2 | 1 | 0.32 | 0.5 | mg/Kg | 01/23/17 | 01/23/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-034</u> | Client Sample #: SS27I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.5 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-035</u> | Client Sample #: SS27I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-036</u> | Client Sample #: SS27I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-037</u> | Client Sample #: SS27J-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-038</u> | Client Sample #: SS27J-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-039</u> | Client Sample #: SS27J-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:35 | Site: | |
| Sample #: <u>384618-040</u> | Client Sample #: SS27K-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:38 | Site: | |
| Sample #: <u>384618-041</u> | Client Sample #: SS27K-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:40 | Site: | |
| Sample #: <u>384618-042</u> | Client Sample #: SS27K-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-043</u> | Client Sample #: SS27L-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 24.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:41 | Site: | |
| Sample #: <u>384618-044</u> | Client Sample #: SS27L-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:42 | Site: | |
| Sample #: <u>384618-045</u> | Client Sample #: SS27L-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-046</u> | Client Sample #: SS68E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 58.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:20 | Site: | |
| Sample #: <u>384618-047</u> | Client Sample #: SS68E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-048</u> | Client Sample #: SS68E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:21 | Site: | |
| Sample #: <u>384618-049</u> | Client Sample #: SS68F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-050</u> | Client Sample #: SS68F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-051</u> | Client Sample #: SS68F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-052</u> | Client Sample #: SS68G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 166 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:24 | Site: | |
| Sample #: <u>384618-053</u> | Client Sample #: SS68G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 4.53 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:25 | Site: | |
| Sample #: <u>384618-054</u> | Client Sample #: SS68G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-055</u> | Client Sample #: SS68H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 36.3 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:27 | Site: | |
| Sample #: <u>384618-056</u> | Client Sample #: SS68H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:28 | Site: | |
| Sample #: <u>384618-057</u> | Client Sample #: SS68H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:41 | Site: | |
| Sample #: <u>384618-058</u> | Client Sample #: SS79G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 101 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-059</u> | Client Sample #: SS79G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 9.24 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:42 | Site: | |
| Sample #: <u>384618-060</u> | Client Sample #: SS79G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:32 | Site: | |
| Sample #: <u>384618-061</u> | Client Sample #: SS79H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 192 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:33 | Site: | |
| Sample #: <u>384618-062</u> | Client Sample #: SS79H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1174225 | |
| Lead | 22.6 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:34 | Site: | |
| Sample #: <u>384618-063</u> | Client Sample #: SS79H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-064</u> | Client Sample #: SS87E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 97.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:20 | Site: | |
| Sample #: <u>384618-065</u> | Client Sample #: SS87E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 10.4 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-066</u> | Client Sample #: SS87E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-067</u> | Client Sample #: SS87F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 21.9 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-068</u> | Client Sample #: SS87F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:15 | Site: | |
| Sample #: <u>384618-069</u> | Client Sample #: SS87F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:28 | Site: | |
| Sample #: <u>384618-070</u> | Client Sample #: SS87G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 99.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-071</u> | Client Sample #: SS87G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 18.4 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:29 | Site: | |
| Sample #: <u>384618-072</u> | Client Sample #: SS87G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-073</u> | Client Sample #: SS87H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 68.0 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-074</u> | Client Sample #: SS87H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:20 | Site: | |
| Sample #: <u>384618-075</u> | Client Sample #: SS87H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-076</u> | Client Sample #: SS80D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172940 | |
| Lead | 32.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-077</u> | Client Sample #: SS80D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1173294 | |
| Lead | 3.20 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-078</u> | Client Sample #: SS80D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:02 | Site: | |
| Sample #: <u>384618-079</u> | Client Sample #: SS80E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1173294 |
| Lead | 19.6 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-080</u> | Client Sample #: SS77D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1172940 |
| Lead | 848 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-081</u> | Client Sample #: SS77D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1173294 |
| Lead | 1.38 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:22 | Site: | |
| Sample #: <u>384618-082</u> | Client Sample #: SS77D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-083</u> | Client Sample #: SS77G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1172940 |
| Lead | 165 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-084</u> | Client Sample #: SS77G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | QC1173295 |
| Lead | 9.15 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:19 | Site: | |
| Sample #: <u>384618-085</u> | Client Sample #: SS77G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-086</u> | Client Sample #: SS76D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 54.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-087</u> | Client Sample #: SS76D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-088</u> | Client Sample #: SS76D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-089</u> | Client Sample #: SS76E-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:24 | Site: | |
| Sample #: <u>384618-090</u> | Client Sample #: SS76E-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:25 | Site: | |
| Sample #: <u>384618-091</u> | Client Sample #: SS76E-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-092</u> | Client Sample #: SS74D-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|-------------|-----------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: | QC1172940 |
| Lead | 43.1 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:46 | Site: | |
| Sample #: <u>384618-093</u> | Client Sample #: SS74D-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:47 | Site: | |
| Sample #: <u>384618-094</u> | Client Sample #: SS74D-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-095</u> | Client Sample #: SS70F-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1172940</i> | |
| Lead | 109 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:38 | Site: | |
| Sample #: <u>384618-096</u> | Client Sample #: SS70F-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1173295</i> | |
| Lead | 13.8 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:39 | Site: | |
| Sample #: <u>384618-097</u> | Client Sample #: SS70F-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-098</u> | Client Sample #: SS70G-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1173295</i> | |
| Lead | 132 | 1 | 0.32 | 0.5 | mg/Kg | 12/12/16 | 12/13/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:29 | Site: | |
| Sample #: <u>384618-099</u> | Client Sample #: SS70G-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1174225</i> | |
| Lead | 18.0 | 1 | 0.32 | 0.5 | mg/Kg | 01/11/17 | 01/13/17 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-100</u> | Client Sample #: SS70G-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-101</u> | Client Sample #: SS70H-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------------------|----|------|-----|-------|----------|-----------------------------|-------|
| Method: <i>EPA 6010B NELAC</i> | Prep Method: <i>EPA 3050B</i> | | | | | | QCBatchID: <i>QC1172941</i> | |
| Lead | 78.7 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:36 | Site: | |
| Sample #: <u>384618-102</u> | Client Sample #: SS70H-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:37 | Site: | |
| Sample #: <u>384618-103</u> | Client Sample #: SS70H-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:43 | Site: | |
| Sample #: <u>384618-104</u> | Client Sample #: SS70I-0.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:44 | Site: | |
| Sample #: <u>384618-105</u> | Client Sample #: SS70I-1.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:45 | Site: | |
| Sample #: <u>384618-106</u> | Client Sample #: SS70I-2.5 | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|---------|--------------|----|-----|-----|-------|----------|-------------|-------|
| Method: | Prep Method: | | | | | | QCBatchID: | |
| N/A | N/A | 1 | | | | | | |

| | | |
|------------------------------------|---------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:29 | Site: | |
| Sample #: <u>384618-107</u> | Client Sample #: SS103K-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 81.6 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:45 | Site: | |
| Sample #: <u>384618-108</u> | Client Sample #: SS93G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 25.3 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 08:50 | Site: | |
| Sample #: <u>384618-109</u> | Client Sample #: SS27G-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 33.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172947 | |
| Arsenic | 9.34 | 20 | 0.4 | 6 | mg/Kg | 11/30/16 | 11/30/16 | MH |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 09:19 | Site: | |
| Sample #: <u>384618-110</u> | Client Sample #: SS87E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 85.4 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:30 | Site: | |
| Sample #: <u>384618-111</u> | Client Sample #: SS76D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 50.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:21 | Site: | |
| Sample #: <u>384618-112</u> | Client Sample #: SS77D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 242 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:00 | Site: | |
| Sample #: <u>384618-113</u> | Client Sample #: SS80D-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 127 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 10:35 | Site: | |
| Sample #: <u>384618-114</u> | Client Sample #: SS70H-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 65.2 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|--------------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:19 | Site: | |
| Sample #: <u>384618-115</u> | Client Sample #: SS68E-0.5DUP | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|------------------------|----|------|-----|-------|----------|----------------------|-------|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3050B | | | | | | QCBatchID: QC1172941 | |
| Lead | 53.9 | 1 | 0.32 | 0.5 | mg/Kg | 11/30/16 | 11/30/16 | JN |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-116</u> | Client Sample #: EB112116A | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH | |

| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 11/21/2016 11:40 | Site: | |
| Sample #: <u>384618-117</u> | Client Sample #: EB112116B | Sample Type: |

| Analyte | Result | DF | MDL | RDL | Units | Prepared | Analyzed By | Notes | |
|--------------------------------|------------------------|----|-------|-------|-------|----------|----------------------|-------|--|
| Method: EPA 6010B <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172781 | | |
| Lead | ND | 1 | 0.004 | 0.005 | mg/L | 11/23/16 | 11/23/16 | KLN | |
| Method: EPA 6020 <i>NELAC</i> | Prep Method: EPA 3010A | | | | | | QCBatchID: QC1172783 | | |
| Arsenic | ND | 1 | 0.13 | 2 | ug/L | 11/23/16 | 11/23/16 | MH | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172781</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|-------|-------|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172781MB1 | | | | | | |
| Arsenic | ND | mg/L | 0.004 | 0.01 | | |
| Lead | ND | mg/L | 0.004 | 0.005 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172781LCS1 | | | | | | | | | | | |
| Arsenic | 2 | | 1.79 | | mg/L | 90 | | | 80-120 | | |
| Lead | 2 | | 1.76 | | mg/L | 88 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|---------------------------|-----|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172781MS1, QC1172781MSD1 | | | | | | | | | | | | |
| | | | | | | | | | | Source: 384618-116 | | |
| Arsenic | ND | 1 | 1 | 0.964 | 0.887 | mg/L | 96 | 89 | 8.3 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 0.944 | 0.877 | mg/L | 94 | 88 | 7.4 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172783</u> | Analyst: dswafford | Method: EPA 6020 |
| Matrix: Water | Analyzed: 11/23/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|---------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172783MB1 | | | | | | |
| Arsenic | ND | ug/L | 0.13 | 2 | | |
| Copper | ND | ug/L | 0.11 | 3 | | |
| Lead | ND | ug/L | 0.1 | 5 | | |
| Zinc | 2.62 J | ug/L | 0.16 | 10 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172783LCS1 | | | | | | | | | | | |
| Arsenic | 50 | | 52.9 | | ug/L | 106 | | | 80-120 | | |
| Copper | 50 | | 51.6 | | ug/L | 103 | | | 80-120 | | |
| Lead | 50 | | 50.6 | | ug/L | 101 | | | 80-120 | | |
| Zinc | 50 | | 57.3 | | ug/L | 115 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172783MS1, QC1172783MSD1 | | | | | | | | | | | Source: 384404-054 | |
| Arsenic | ND | 50 | 50 | 52.5 | 53.1 | ug/L | 105 | 106 | 1.1 | 75-125 | 20 | |
| Copper | 1.66 | 50 | 50 | 52.8 | 53.1 | ug/L | 102 | 103 | 0.6 | 75-125 | 20 | |
| Lead | 0.2 | 50 | 50 | 52.5 | 53.6 | ug/L | 105 | 107 | 2.1 | 75-125 | 20 | |
| Zinc | 80.9 | 50 | 50 | 132 | 138 | ug/L | 102 | 114 | 4.4 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172940</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1172940MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | ND | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172940LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Arsenic | 100 | | 95.3 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Beryllium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cadmium | 100 | | 99.5 | | mg/Kg | 100 | | | 80-120 | | |
| Chromium | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Cobalt | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Copper | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 90.8 | | mg/Kg | 91 | | | 80-120 | | |
| Nickel | 100 | | 106 | | mg/Kg | 106 | | | 80-120 | | |
| Selenium | 100 | | 93.6 | | mg/Kg | 94 | | | 80-120 | | |
| Silver | 100 | | 98.9 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 100 | | 97.4 | | mg/Kg | 97 | | | 80-120 | | |
| Vanadium | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Zinc | 100 | | 105 | | mg/Kg | 105 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | | Source: 384593-001 |
| Antimony | 2.32 | 100 | 100 | 34.8 | 38.3 | mg/Kg | 32 | 36 | 9.6 | 75-125 | 20 | M |
| Arsenic | 107 | 100 | 100 | 217 | 218 | mg/Kg | 110 | 111 | 0.5 | 75-125 | 20 | |
| Barium | 654 | 100 | 100 | 915 | 823 | mg/Kg | 261 | 169 | 10.6 | 75-125 | 20 | NC |
| Beryllium | ND | 100 | 100 | 95.2 | 95.9 | mg/Kg | 95 | 96 | 0.7 | 75-125 | 20 | |
| Cadmium | 5.23 | 100 | 100 | 105 | 104 | mg/Kg | 100 | 99 | 1.0 | 75-125 | 20 | |
| Chromium | 13.0 | 100 | 100 | 109 | 108 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Cobalt | 27.4 | 100 | 100 | 119 | 120 | mg/Kg | 92 | 93 | 0.8 | 75-125 | 20 | |
| Copper | 1500 | 100 | 100 | 1880 | 1710 | mg/Kg | 380 | 210 | 9.5 | 75-125 | 20 | NC |
| Lead | 68.9 | 100 | 100 | 158 | 157 | mg/Kg | 89 | 88 | 0.6 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172940</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172940MS1, QC1172940MSD1 | | | | | | | | | | | Source: 384593-001 | |
| Molybdenum | 3.59 | 100 | 100 | 98.4 | 98.9 | mg/Kg | 95 | 95 | 0.5 | 75-125 | 20 | |
| Nickel | 2.63 | 100 | 100 | 90.6 | 91.5 | mg/Kg | 88 | 89 | 1.0 | 75-125 | 20 | |
| Selenium | 20.9 | 100 | 100 | 114 | 113 | mg/Kg | 93 | 92 | 0.9 | 75-125 | 20 | |
| Silver | 1.23 | 100 | 100 | 97.6 | 96.7 | mg/Kg | 96 | 95 | 0.9 | 75-125 | 20 | |
| Thallium | 0.95 | 100 | 100 | 96.5 | 95.0 | mg/Kg | 96 | 94 | 1.6 | 75-125 | 20 | |
| Vanadium | 21.8 | 100 | 100 | 124 | 122 | mg/Kg | 102 | 100 | 1.6 | 75-125 | 20 | |
| Zinc | 4120 | 100 | 100 | 4390 | 4410 | mg/Kg | 270 | 290 | 0.5 | 75-125 | 20 | NC |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172941</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1172941MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | |
| Barium | ND | mg/Kg | 0.23 | 1 | |
| Beryllium | ND | mg/Kg | 0.17 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | |
| Chromium | ND | mg/Kg | 0.13 | 1 | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | |
| Copper | ND | mg/Kg | 0.31 | 1 | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | |
| Selenium | ND | mg/Kg | 0.72 | 1 | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | |
| Thallium | ND | mg/Kg | 0.42 | 1 | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | |
| Zinc | ND | mg/Kg | 0.28 | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172941LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Arsenic | 100 | | 99.8 | | mg/Kg | 100 | | | 80-120 | | |
| Barium | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Cadmium | 100 | | 99.4 | | mg/Kg | 99 | | | 80-120 | | |
| Chromium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Cobalt | 100 | | 109 | | mg/Kg | 109 | | | 80-120 | | |
| Copper | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 96.1 | | mg/Kg | 96 | | | 80-120 | | |
| Nickel | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |
| Selenium | 100 | | 95.6 | | mg/Kg | 96 | | | 80-120 | | |
| Silver | 100 | | 101 | | mg/Kg | 101 | | | 80-120 | | |
| Thallium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Vanadium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Zinc | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | | |
| Source: 384618-101 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 27.7 | 23.9 | mg/Kg | 30 | 26 | 14.7 | 75-125 | 20 | M |
| Arsenic | 4.72 | 100 | 100 | 101 | 97.0 | mg/Kg | 96 | 92 | 4.0 | 75-125 | 20 | |
| Barium | 92.4 | 100 | 100 | 194 | 188 | mg/Kg | 102 | 96 | 3.1 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 98.2 | 91.4 | mg/Kg | 100 | 93 | 7.2 | 75-125 | 20 | |
| Cadmium | 0.55 | 100 | 100 | 93.6 | 90.0 | mg/Kg | 93 | 89 | 3.9 | 75-125 | 20 | |
| Chromium | 13.5 | 100 | 100 | 110 | 108 | mg/Kg | 97 | 95 | 1.8 | 75-125 | 20 | |
| Cobalt | 7.15 | 100 | 100 | 106 | 101 | mg/Kg | 99 | 94 | 4.8 | 75-125 | 20 | |
| Copper | 20.0 | 100 | 100 | 124 | 117 | mg/Kg | 104 | 97 | 5.8 | 75-125 | 20 | |
| Lead | 78.7 | 100 | 100 | 169 | 175 | mg/Kg | 90 | 96 | 3.5 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1172941</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 11/30/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1172941MS1, QC1172941MSD1 | | | | | | | | | | | Source: 384618-101 | |
| Molybdenum | ND | 100 | 100 | 87.4 | 82.1 | mg/Kg | 87 | 82 | 6.3 | 75-125 | 20 | |
| Nickel | 10.5 | 100 | 100 | 108 | 103 | mg/Kg | 98 | 93 | 4.7 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 60.7 | 55.2 | mg/Kg | 91 | 85 | 9.5 | 75-125 | 20 | |
| Silver | ND | 100 | 100 | 95.5 | 88.8 | mg/Kg | 95 | 89 | 7.3 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 89.8 | 86.8 | mg/Kg | 92 | 89 | 3.4 | 75-125 | 20 | |
| Vanadium | 26.8 | 100 | 100 | 127 | 122 | mg/Kg | 100 | 95 | 4.0 | 75-125 | 20 | |
| Zinc | 135 | 100 | 100 | 233 | 245 | mg/Kg | 98 | 110 | 5.0 | 75-125 | 20 | |

QC Batch ID: **QC1172947**

Analyst: dswafford

Method: EPA 6020

Matrix: Solid

Analyzed: 11/30/2016

Instrument: AAICP (group)

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|----------------|-------|------|-----|-------|
| QC1172947MB1 | | | | | |
| Antimony | ND | mg/Kg | 0.06 | 0.5 | |
| Arsenic | 0.025 J | mg/Kg | 0.02 | 0.3 | |
| Barium | 0.033 J | mg/Kg | 0.02 | 0.5 | |
| Beryllium | ND | mg/Kg | 0.02 | 0.5 | |
| Cadmium | ND | mg/Kg | 0.02 | 0.5 | |
| Chromium | ND | mg/Kg | 0.02 | 0.5 | |
| Cobalt | ND | mg/Kg | 0.02 | 0.5 | |
| Copper | ND | mg/Kg | 0.02 | 0.5 | |
| Lead | 0.351 J | mg/Kg | 0.02 | 0.5 | |
| Molybdenum | 0.043 J | mg/Kg | 0.02 | 0.5 | |
| Nickel | ND | mg/Kg | 0.04 | 0.5 | |
| Selenium | 0.078 J | mg/Kg | 0.04 | 0.5 | |
| Silver | ND | mg/Kg | 0.02 | 0.5 | |
| Thallium | ND | mg/Kg | 0.02 | 0.5 | |
| Vanadium | ND | mg/Kg | 0.02 | 0.5 | |
| Zinc | 2.60 | mg/Kg | 0.09 | 1 | B |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1172947LCS1 | | | | | | | | | | | |
| Antimony | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Arsenic | 50 | | 52.6 | | mg/Kg | 105 | | | 80-120 | | |
| Barium | 50 | | 51.6 | | mg/Kg | 103 | | | 80-120 | | |
| Beryllium | 50 | | 51.9 | | mg/Kg | 104 | | | 80-120 | | |
| Cadmium | 50 | | 52.5 | | mg/Kg | 105 | | | 80-120 | | |
| Chromium | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Cobalt | 50 | | 50.4 | | mg/Kg | 101 | | | 80-120 | | |
| Copper | 50 | | 51.5 | | mg/Kg | 103 | | | 80-120 | | |
| Lead | 50 | | 53.5 | | mg/Kg | 107 | | | 80-120 | | |
| Molybdenum | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Nickel | 50 | | 50.6 | | mg/Kg | 101 | | | 80-120 | | |
| Selenium | 50 | | 52.2 | | mg/Kg | 104 | | | 80-120 | | |
| Silver | 50 | | 49.3 | | mg/Kg | 99 | | | 80-120 | | |
| Thallium | 50 | | 51.3 | | mg/Kg | 103 | | | 80-120 | | |
| Vanadium | 50 | | 52.3 | | mg/Kg | 105 | | | 80-120 | | |
| Zinc | 50 | | 52.4 | | mg/Kg | 105 | | | 80-120 | | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1173294</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 12/12/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | MDL | RDL | Notes |
|---------------------|--------------|-------|------|-----|-------|
| QC1173294MB1 | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1173294LCS1 | | | | | | | | | | | |
| Lead | 100 | | 103 | | mg/Kg | 103 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1173294MS1, QC1173294MSD1 | | | | | | | | | | | | |
| Lead | 1.38 | 100 | 100 | 87.4 | 86.6 | mg/Kg | 86 | 85 | 0.9 | 75-125 | 20 | Source: 384618-081 |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1173295</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 12/12/2016 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1173295MB1 | | | | | | |
| Iron | ND | mg/Kg | 0.4 | 5 | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1173295LCS1 | | | | | | | | | | | |
| Iron | 100 | | 114 | | mg/Kg | 114 | | | 80-120 | | |
| Lead | 100 | | 92.9 | | mg/Kg | 93 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-------|-------|------------|-----|------|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1173295MS1, QC1173295MSD1 | | | | | | | | | | | | Source: 384618-084 |
| Iron | 25400 | 100 | 100 | 22900 | 22100 | mg/Kg | 0 | 0 | 3.6 | 75-125 | 20 | NC |
| Lead | 9.15 | 100 | 100 | 99.2 | 89.5 | mg/Kg | 90 | 80 | 10.3 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1174225</u> | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 01/11/2017 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|--------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1174225MB1 | | | | | | |
| Lead | ND | mg/Kg | 0.32 | 0.5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1174225LCS1 | | | | | | | | | | | |
| Lead | 100 | | 108 | | mg/Kg | 108 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1174225MS1, QC1174225MSD1 | | | | | | | | | | | | |
| Lead | 14.7 | 100 | 100 | 110 | 114 | mg/Kg | 95 | 99 | 3.6 | 75-125 | 20 | Source: 384618-005 |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1174572 | Analyst: dswafford | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 01/23/2017 | Instrument: AAICP (group) |

| Blank Summary | | | | | | |
|----------------------|---------------|-------|------|-----|-------|--|
| Analyte | Blank Result | Units | MDL | RDL | Notes | |
| QC1174572MB1 | | | | | | |
| Antimony | ND | mg/Kg | 0.37 | 3 | | |
| Arsenic | ND | mg/Kg | 0.36 | 1 | | |
| Barium | ND | mg/Kg | 0.23 | 1 | | |
| Beryllium | 3.17 | mg/Kg | 0.17 | 0.5 | | |
| Cadmium | ND | mg/Kg | 0.21 | 0.5 | | |
| Chromium | ND | mg/Kg | 0.13 | 1 | | |
| Cobalt | ND | mg/Kg | 0.19 | 0.5 | | |
| Copper | ND | mg/Kg | 0.31 | 1 | | |
| Lead | 0.36 J | mg/Kg | 0.32 | 0.5 | | |
| Molybdenum | ND | mg/Kg | 0.13 | 1 | | |
| Nickel | ND | mg/Kg | 0.2 | 1.5 | | |
| Selenium | ND | mg/Kg | 0.72 | 1 | | |
| Silver | ND | mg/Kg | 0.13 | 0.5 | | |
| Thallium | ND | mg/Kg | 0.42 | 1 | | |
| Vanadium | ND | mg/Kg | 0.37 | 0.5 | | |
| Zinc | 1.28 J | mg/Kg | 0.28 | 5 | | |

| Lab Control Spike/ Lab Control Spike Duplicate Summary | | | | | | | | | | | |
|---|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1174572LCS1 | | | | | | | | | | | |
| Antimony | 100 | | 95.0 | | mg/Kg | 95 | | | 80-120 | | |
| Arsenic | 100 | | 94.8 | | mg/Kg | 95 | | | 80-120 | | |
| Barium | 100 | | 105 | | mg/Kg | 105 | | | 80-120 | | |
| Beryllium | 100 | | | | mg/Kg | | | | 80-120 | | |
| Cadmium | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |
| Chromium | 100 | | 99.4 | | mg/Kg | 99 | | | 80-120 | | |
| Cobalt | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Copper | 100 | | 97.2 | | mg/Kg | 97 | | | 80-120 | | |
| Lead | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Molybdenum | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Nickel | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Selenium | 100 | | 92.4 | | mg/Kg | 92 | | | 80-120 | | |
| Silver | 100 | | 89.8 | | mg/Kg | 90 | | | 80-120 | | |
| Thallium | 100 | | 99.9 | | mg/Kg | 100 | | | 80-120 | | |
| Vanadium | 100 | | 102 | | mg/Kg | 102 | | | 80-120 | | |
| Zinc | 100 | | 104 | | mg/Kg | 104 | | | 80-120 | | |

| Matrix Spike/Matrix Spike Duplicate Summary | | | | | | | | | | | | |
|--|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1174572MS1, QC1174572MSD1 | | | | | | | | | | | | Source: 386813-001 |
| Antimony | 15.1 | 100 | 100 | 75.3 | 77.1 | mg/Kg | 60 | 62 | 2.4 | 75-125 | 20 | M |
| Arsenic | ND | 100 | 100 | 76.6 | 77.2 | mg/Kg | 77 | 77 | 0.8 | 75-125 | 20 | |
| Barium | 80.2 | 100 | 100 | 179 | 180 | mg/Kg | 99 | 100 | 0.6 | 75-125 | 20 | |
| Beryllium | -191.00 | 100 | 100 | | | mg/Kg | | | | 75-125 | 20 | |
| Cadmium | ND | 100 | 100 | 92.5 | 91.5 | mg/Kg | 93 | 92 | 1.1 | 75-125 | 20 | |
| Chromium | 1280 | 100 | 100 | 1390 | 1430 | mg/Kg | 110 | 150 | 2.8 | 75-125 | 20 | NC |
| Cobalt | 7.04 | 100 | 100 | 93.0 | 93.8 | mg/Kg | 86 | 87 | 0.9 | 75-125 | 20 | |
| Copper | 2.74 | 100 | 100 | 90.8 | 91.5 | mg/Kg | 88 | 89 | 0.8 | 75-125 | 20 | |
| Lead | 0.66 | 100 | 100 | 85.8 | 86.8 | mg/Kg | 85 | 86 | 1.2 | 75-125 | 20 | |

QCBatchID: QC1174572**Analyst:** dswafford**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 01/23/2017**Instrument:** AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1174572MS1, QC1174572MSD1 | | | | | | | | | | | Source: 386813-001 | |
| Molybdenum | 93.8 | 100 | 100 | 183 | 186 | mg/Kg | 89 | 92 | 1.6 | 75-125 | 20 | |
| Nickel | 974 | 100 | 100 | 1070 | 1080 | mg/Kg | 96 | 106 | 0.9 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 75.0 | 77.6 | mg/Kg | 75 | 78 | 3.4 | 75-125 | 20 | |
| Silver | 0.46 | 100 | 100 | 80.6 | 81.0 | mg/Kg | 80 | 81 | 0.5 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 71.2 | 72.9 | mg/Kg | 71 | 73 | 2.4 | 75-125 | 20 | M |
| Vanadium | 6.55 | 100 | 100 | 96.9 | 95.8 | mg/Kg | 90 | 89 | 1.1 | 75-125 | 20 | |
| Zinc | 3.91 | 100 | 100 | 95.2 | 93.5 | mg/Kg | 91 | 90 | 1.8 | 75-125 | 20 | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than RDL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| S3 | Internal Standard did not meet recovery limits. Analyte concentration is estimated. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

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Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 38468
 Page: 1 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020) X
 Lead (USEPA 6010B)

Test Instructions / Comments

NOT COLLECTED (N/C)
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C
 Hold and Archive N/C

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------------------|---------------|---------------|--------|----------------------|-------|
| 1 SS2E-0.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None |
| 2 SS2E-1.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 3 SS2E-2.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 4 SS2F-0.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 5 SS2F-1.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 6 SS2F-2.5 EF | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 7 SS103G-0.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 8 SS103G-1.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 9 SS103G-2.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 10 SS103H-0.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|---------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marroletti | | 11/21/16 12:03 |
| | L. Marroletti | | 11/21/16 12:55 |
| | DWJ | | 11/21/16 13:55 |
| | | | |
| | | | |

ENTHALPHY ANALYTICAL, INC.

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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 380610
 Page: 2 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Arsenic (USEPA 6020)
 Lead (USEPA 6010B)

Test Instructions / Comments

Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103H-1.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 2 SS103H-2.5 | 11/21/16 | 08:30 | Soil | 1-8oz Jar | None |
| 3 SS103I-0.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 4 SS103I-1.5 | 11/21/16 | 08:21 | Soil | 1-8oz Jar | None |
| 5 SS103J-2.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 6 SS103J-0.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 7 SS103J-1.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 8 SS103J-2.5 | 11/21/16 | 08:23 | Soil | 1-8oz Jar | None |
| 9 SS103K-0.5 | 11/21/16 | 08:28 | Soil | 1-8oz Jar | None |
| 10 SS103K-1.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |

Signature

1 Relinquished By: *EF*
 1 Received By: *L. Marrett*
 2 Relinquished By: *L. Marrett*
 2 Received By: *TD*
 3 Relinquished By:
 3 Received By:

Print Name

Eric Fraske

Company / Title

Alta Environmental

Date / Time

11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:55

ENTHALPY ANALYTICAL, INC.

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c/o Montrose Environmental Group

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Chain of Custody Record

Lab No: 384618 of 17
 Page: 3 of 17

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X
 2 Day: 1 Day:
 4 Day: 3 Day:
 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

Lead (USEPA 6010B)
 Arsenic (USEPA 6020)
 Pres.:

Test Instructions / Comments

Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive
 Hold and Archive

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------|---------------|---------------|--------|----------------------|-------|
| 1 SS103K-2.5 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None |
| 2 SS103L-0.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 3 SS103L-1.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 4 SS103L-2.5 | 11/21/16 | 08:27 | Soil | 1-8oz Jar | None |
| 5 SS96D-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 6 SS96D-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 7 SS96D-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 8 SS96E-0.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 9 SS96E-1.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |
| 10 SS96E-2.5 | 11/21/16 | 08:32 | Soil | 1-8oz Jar | None |

Signature: [Signature]
 Print Name: Eric Fraske
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]

Company / Title: Alta Environmental
 Date / Time: 11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

ENTHALPHY ANALYTICAL, INC.
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Chain of Custody Record
 Lab No: 382618
 Page: 4 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|------------------------|------------------------------|
| 1 SS93G-0.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) x | |
| 2 SS93G-1.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) x | Hold and Archive |
| 3 SS93G-2.5 | 11/21/16 | 08:46 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS93H-0.5 | 11/21/16 | 08:44 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS93H-1.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS93H-2.5 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS27G-0.5 | 11/21/16 | 08:49 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 8 SS27G-1.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS27G-2.5 | 11/21/16 | 08:53 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS27H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | Not Collected |

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: *EF*
 Received By: *C. Marrochetti*
 Relinquished By: *C. Marrochetti*
 Received By: *TONY*

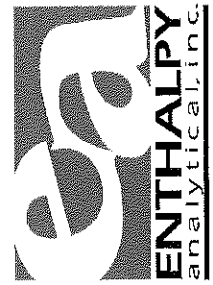
Print Name
 Eric Fraske
 C. Marrochetti
 C. Marrochetti
 TONY

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55
 11/21/16 12:57

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Billing: Enthalpy - SoCal
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 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 384618
 Page: 5 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|---------------|---------------|--------|----------------------|-------|----------------------|--------------------|------------------|--|--|--|------------------------------|--|------------------|---------------|
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | | | | | | | |
| 1 SS27K-1.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | Not collected |
| 2 SS27K-2.5 EF | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | Not collected |
| 3 SS27K-0.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | x | | | | | | | Hold and Archive | |
| 4 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 5 SS27K-2.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 6 SS27K-0.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 7 SS27K-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 8 SS27K-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 9 SS27K-0.5 | 11/21/16 | 08:35 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |
| 10 SS27K-1.5 | 11/21/16 | 08:38 | Soil | 1-8oz Jar | None | | | | | | | | | Hold and Archive | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Macrae | | 11/21/16 12:55 |
| | L. Parake | | 11/21/16 12:55 |
| | Tom | | |
| | Tom | | |

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
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 Billing: Enthalpy - SoCal
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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 380618
 Page: 6 of 17
 Standard: X
 4 Day:
 1 Day:
 2 Day:
 3 Day:
 Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|--------------|---------------|---------------|--------|----------------------|-------|--------------------|------------------------------|
| 1 SS27K-2.5 | 11/21/16 | 08:40 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 2 SS27L-0.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 3 SS27L-1.5 | 11/21/16 | 08:41 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS27L-2.5 | 11/21/16 | 08:42 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS68E-0.5 | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 6 SS68E-1.5 | 11/21/16 | 11:20 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 7 SS68E-2.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS68F-0.5 | 11/21/16 | 11:21 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS68F-1.5 | 11/21/16 | 11:24 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS68F-2.5 | 11/21/16 | 11:25 | Soil | 1-8oz Jar | None | | Hold and Archive |

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

Signature
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]
 Relinquished By: [Signature]
 Received By: [Signature]

Print Name
 Eric Fraske

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

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 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 3811618
 Page: 8 of 17
 Standard: X 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|-------------------------|----------------------------|---------------------|------------------------------|----------------------|-------|----------------------|--------------------|------------------------------|---------------------|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | |
| Email: | eric.fraske@altaenviro.com | P.O. #: | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | |
| 1 SS79H-1.5 | 11/21/16 | 09:33 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 2 SS79H-2.5 | 11/21/16 | 09:34 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 3 SS79J-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 4 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 5 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 6 SS79J-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 7 SS79J-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 8 SS79J-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |
| 9 SS88D-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | x | | | Not collected (NC) |
| 10 SS88D-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | | | Hold and Archive NC |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|-------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marshall | | 11/21/16 1203 |
| | C. Marshall | | 11/21/16 1255 |
| | TBW | | 11/21/16 1255 |
| | | | |
| | | | |

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 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 394618 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

ENTHALPY analytical, inc.

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | Test Instructions / Comments | |
|------------------------|---------------|---------------------|--------|----------------------|-------|----------------------|--------------------|------------------------------|----------------------------------|
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | | |
| 1 SS88D-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | | Hold and Archive - Not collected |
| 2 SS88E-0.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 3 SS88E-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 4 SS88E-2.5 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 5 SS87E-0.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | x | | Hold and Archive |
| 6 SS87E-1.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 7 SS87E-2.5 | 11/21/16 | 09:20 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 8 SS87F-0.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 9 SS87F-1.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | | Hold and Archive |
| 10 SS87F-2.5 | 11/21/16 | 09:15 | Soil | 1-8oz Jar | None | | | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | L. Marcolletto | | 11/21/16 12:03 |
| | L. Marcolletto | | 11/21/16 1:51 |
| | Tony D | | 11/21/16 12:55 |
| | | | |
| | | | |

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Chain of Custody Record
 Lab No: 304018
 Page: 11 of 17
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | | Turn Around Time (Rush by advanced notice only) | | |
|---|---|---------------------|--|----------------------|-------|--|---|--------|---|-----------|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | Standard: | X | 4 Day: | | 3 Day: | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | Lead (USEPA 6010B) | | 2 Day: | | 1 Day: | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | Arsenic (USEPA 6020) | | 1 Day: | | Same Day: | |
| Address: | 3777 Long Beach Boulevard Long Beach, CA 90807 | Address: | 1319 E. 41st Avenue Los Angeles, California | | | Lead (USEPA 6010B) | | 1 Day: | | Same Day: | |
| Phone: | 562-544-3910 | Global ID: | EF | | | Arsenic (USEPA 6020) | x | 1 Day: | | Same Day: | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | Arsenic (USEPA 6020) | | 1 Day: | | Same Day: | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments | | | | | |
| 1 SS80E-1.5 not collected | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive Not collected | | | | | |
| 2 SS80E-2.5 Not collected | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive Not collected | | | | | |
| 3 SS77D-0.5 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |
| 4 SS77D-1.5 | 11/21/16 | 10:22 | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |
| 5 SS77D-2.5 | 11/21/16 | 10:22 | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |
| 6 SS77E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive Not collected | | | | | |
| 7 SS77E-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |
| 8 SS77E-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |
| 9 SS77E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Not collected | | | | | |
| 10 SS77E-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive | | | | | |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|--------------|--------------------|---------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marchetti | | 11/21/16 1203 |
| | C. Marchetti | | 11/21/16 1255 |
| | TOM B | | |
| | TOM B | | |

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Chain of Custody Record
 Lab No: 384618
 Page: 12 of 17
 Standard: X
 4 Day: 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | | | Analysis Request | | | | Turn Around Time (Rush by advanced notice only) | |
|------------------------|-----------------------------|---------------------|------------------------------|----------------------|-------|---------------------|--------------------|----------------------------------|--|---|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | | | | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | | | | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | | | | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | | | | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | | | | | | | | |
| Phone: | 562-544-3910 | Global ID: | | | | | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | | | | | | | | |
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Asenic (USEPA 6020) | Lead (USEPA 6010B) | | | | |
| 1 SS77G-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive Not collected | | | |
| 2 SS77G-0.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | x | | Hold and Archive | | | |
| 3 SS77G-1.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |
| 4 SS77G-2.5 | 11/21/16 | 10:19 | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |
| 5 SS77H-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | | | Hold and Archive - Not collected | | | |
| 6 SS77H-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |
| 7 SS77H-2.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |
| 8 SS76D-0.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | x | | Hold and Archive | | | |
| 9 SS76D-1.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |
| 10 SS76D-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | | Hold and Archive | | | |

| Signature | Print Name | Company / Title | Date / Time |
|---|---------------|--------------------|----------------|
|  | Eric Fraske | Alta Environmental | 11/21/2016 |
|  | E. Marcolotti | | 11/21/16 12:03 |
|  | E. Marcolotti | | 11/21/16 12:55 |
|  | Tony | | 11/21/16 12:55 |
| | | | |
| | | | |

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Chain of Custody Record
 Lab No: 380010
 Page: 13 of 17

Turn Around Time (Rush by advanced notice only)
 Standard: X
 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

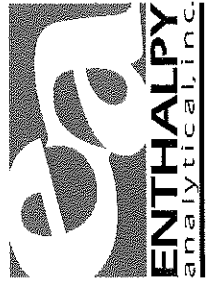
| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|--------------------------------|---------------|---------------|--------|----------------------|-------|
| 1 SS76E-0.5 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None |
| 2 SS76E-1.5 | 11/21/16 | 10:24 | Soil | 1-8oz Jar | None |
| 3 SS76E-2.5 | 11/21/16 | 10:25 | Soil | 1-8oz Jar | None |
| 4 SS76E-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None |
| 5 SS76E-1.5 | 11/21/16 | ↓ | Soil | 1-8oz Jar | None |
| 6 SS76E-2.5 | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None |
| 7 SS74D-0.5 0.5-6F | 11/21/16 | 10:46 | Soil | 1-8oz Jar | None |
| 8 SS74D-1.5 | 11/21/16 | 10:47 | Soil | 1-8oz Jar | None |
| 9 SS74D-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None |
| 10 SS70D-0.5 0.5-NA | 11/21/16 | NA | Soil | 1-8oz Jar | None |

| Analysis Request | Test Instructions / Comments |
|---------------------|------------------------------|
| Asaric (USEPA 6020) | Hold and Archive |
| Lead (USEPA 6010B) | Hold and Archive |
| | Hold and Archive |
| | Hold and Archive |
| | Not collected |
| | Hold and Archive |
| | Hold and Archive |
| | Hold and Archive |
| | Not collected |
| | Not collected |

| CUSTOMER INFORMATION | PROJECT INFORMATION | Company / Title | Date / Time |
|------------------------------------|------------------------------------|---------------------|----------------|
| Company: Alta Environmental | Name: Thomas Jefferson High School | Alta Environmental | 11/21/2016 |
| Report To: Eric Fraske | Number: LAUS-16-6101 | Eric Fraske | |
| Email: eric.fraske@altaenviron.com | P.O. #: | <i>C. Marchetti</i> | 11/21/16 12:03 |
| Address: 3777 Long Beach Boulevard | Address: 1319 E. 41st Avenue | <i>C. Marchetti</i> | 11/21/16 12:55 |
| Long Beach, CA 90807 | Los Angeles, California | <i>Stamp</i> | |
| Phone: 562-544-3910 | Global ID: | | |
| Fax: 562-495-5877 | Sampled By: EF | | |
| Signature | Print Name | | |
| <i>[Signature]</i> | Eric Fraske | | |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |
| Relinquished By: | | | |
| Received By: | | | |

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Chain of Custody Record
 Lab No: 201618
 Page: 14 of 17

Turn Around Time (Rush by advanced notice only)
 Standard: X
 4 Day:
 3 Day:
 2 Day:
 1 Day:
 Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

| CUSTOMER INFORMATION | | | | PROJECT INFORMATION | | | | Analysis Request | | | | Test Instructions / Comments | | | |
|----------------------|-----------------------------|-------------|------------------------------|---------------------|--|-----------------------|--|------------------|--|-------------------------------|--|------------------------------|--|--|--|
| Company: | Alta Environmental | Name: | Thomas Jefferson High School | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| Report To: | Eric Fraske | Number: | LAUS-16-6101 | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| Email: | eric.fraske@altaenviron.com | P.O. #: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| Address: | 3777 Long Beach Boulevard | Address: | 1319 E. 41st Avenue | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| | Long Beach, CA 90807 | | Los Angeles, California | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| Phone: | 562-544-3910 | Global ID: | | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |
| Fax: | 562-495-5877 | Sampled By: | EF | Matrix: | | Container No. / Size: | | Pres.: | | Test Instructions / Comments: | | | | | |

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|------------------------|---------------|---------------|--------|----------------------|-------|----------------------|---------------------------------------|
| 1 SS70D-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Arсенic (USEPA 6020) | Hold and Archive <i>Not collected</i> |
| 2 SS70D-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | Hold and Archive |
| 3 SS70E-0.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | Hold and Archive |
| 4 SS70E-1.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | Hold and Archive |
| 5 SS70E-2.5 | 11/21/16 | | Soil | 1-8oz Jar | None | | Hold and Archive |
| 6 SS70F-0.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None | x | Hold and Archive |
| 7 SS70F-1.5 | 11/21/16 | 10:38 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 8 SS70F-2.5 | 11/21/16 | 10:39 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 9 SS70G-0.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None | | Hold and Archive |
| 10 SS70G-1.5 | 11/21/16 | 10:29 | Soil | 1-8oz Jar | None | | Hold and Archive |

| Signature | Print Name | Company / Title | Date / Time |
|-----------|----------------|--------------------|----------------|
| | Eric Fraske | Alta Environmental | 11/21/2016 |
| | C. Marcolletti | | 11/21/16 12:03 |
| | C. Marcolletti | | 11/21/16 12:55 |
| | Tony D | | 11/21/16 12:55 |
| | | | |
| | | | |

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 Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 380610
 Page: 15 of 17
 Standard: X
 4 Day: 2 Day:
 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 X
 4 Day: 2 Day:
 1 Day: Same Day:

ENTHALPHY analytical inc.

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request
 Arsenic (USEPA 6020)
 Lead (USEPA 6010B)
 x

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Test Instructions / Comments |
|-------------------------|---------------|---------------|--------|----------------------|-------|----------------------------------|
| 1 SS70G-2.5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | Hold and Archive |
| 2 SS70H-0.5 | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | Hold and Archive |
| 3 SS70H-1.5 | 11/21/16 | 10:36 | Soil | 1-8oz Jar | None | Hold and Archive |
| 4 SS70H-2.5 | 11/21/16 | 10:37 | Soil | 1-8oz Jar | None | Hold and Archive |
| 5 SS70I-0.5 | 11/21/16 | 10:43 | Soil | 1-8oz Jar | None | Hold and Archive |
| 6 SS70I-1.5 | 11/21/16 | 10:44 | Soil | 1-8oz Jar | None | Hold and Archive |
| 7 SS70I-2.5 | 11/21/16 | 10:45 | Soil | 1-8oz Jar | None | Hold and Archive |
| 8 SS76G-0.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive - Not collected |
| 9 SS76G-1.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive |
| 10 SS76G-2.5 | 11/21/16 | NA | Soil | 1-8oz Jar | None | Hold and Archive |

Signature
 Relinquished By: *Eric Fraske*
 Received By: *L. Maccolotti*
 Relinquished By: *L. Maccolotti*
 Received By: *Tom D*
 Relinquished By:
 Received By:

Print Name
 Eric Fraske
 L. Maccolotti
 Tom D

Company / Title
 Alta Environmental
 Alta Environmental
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 12:03
 11/21/16 12:55

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalphy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: 382618
 Page: 16 of 17

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

ENTHALPHY analytical inc.

CUSTOMER INFORMATION
 Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviron.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION
 Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Analysis Request | Test Instructions / Comments |
|-----------|---------------|---------------|--------|----------------------|-------|----------------------|------------------------------|
| 1 | 11/21/16 | 08:29 | Soil | 1-8oz Jar | None | Arsenic (USEPA 6020) | |
| 2 | 11/21/16 | 08:45 | Soil | 1-8oz Jar | None | Lead (USEPA 6010B) | |
| 3 | 11/21/16 | 08:50 | Soil | 1-8oz Jar | None | | |
| 4 | 11/21/16 | 09:19 | Soil | 1-8oz Jar | None | | |
| 5 | 11/21/16 | 10:30 | Soil | 1-8oz Jar | None | | |
| 6 | 11/21/16 | 10:21 | Soil | 1-8oz Jar | None | | |
| 7 | 11/21/16 | 10:00 | Soil | 1-8oz Jar | None | | |
| 8 | 11/21/16 | 10:35 | Soil | 1-8oz Jar | None | | |
| 9 | 11/21/16 | 11:19 | Soil | 1-8oz Jar | None | | |
| 10 | 11/21/16 | 11:40 | None | 1-8oz Jar | None | | |

Signature
 Relinquished By: *Eric Fraske*
 Received By: *L. Marcolletti*
 Relinquished By: *L. Marcolletti*
 Received By: *Stump*

Print Name
 Eric Fraske
 L. Marcolletti
 L. Marcolletti
 Stump

Company / Title
 Alta Environmental

Date / Time
 11/21/2016
 11/21/16 1203
 11/21/16 1255
 11/21/16 1255

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 384610 Standard: 4 Day: 3 Day:
 Page: 16 of 17 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

CUSTOMER INFORMATION

Company: Alta Environmental
 Report To: Eric Fraske
 Email: eric.fraske@altaenviro.com
 Address: 3777 Long Beach Boulevard
 Long Beach, CA 90807
 Phone: 562-544-3910
 Fax: 562-495-5877

PROJECT INFORMATION

Name: Thomas Jefferson High School
 Number: LAUS-16-6101
 P.O. #:
 Address: 1319 E. 41st Avenue
 Los Angeles, California
 Global ID:
 Sampled By: EF

Analysis Request

| | |
|----------------------|--|
| Lead (USEPA 6010B) | |
| Arsenic (USEPA 6020) | |

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. |
|---------------------|---------------|---------------|--------|----------------------|-------|
| 1 EB112116 B | 11/21/16 | 11:40 | H2O | 1 Poly | 3 |
| 2 | 11/21/16 | | | | |
| 3 | 11/21/16 | | | | |
| 4 | 11/21/16 | | | | |
| 5 | 11/21/16 | | | | |
| 6 | 11/21/16 | | | | |
| 7 | 11/21/16 | | | | |
| 8 | 11/21/16 | | | | |
| 9 | 11/21/16 | | | | |
| 10 | 11/21/16 | | | | |

Signature

Print Name

Company / Title

Date / Time

| | | | | |
|--------------------|--|---------------|--------------------|----------------|
| 1 Relinquished By: | | Eric Fraske | Alta Environmental | 11/21/2016 |
| 1 Received By: | | L. Marcolotti | | 11/21/16 12:03 |
| 2 Relinquished By: | | L. Marcolotti | | 11/21/16 12:55 |
| 2 Received By: | | sample | | |
| 3 Relinquished By: | | | | |
| 3 Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Alta Project: _____

Date Received: 11/21/14 Sampler's Name Present: Yes No

Sample(s) received in a cooler? Yes How many? 1 No (skip section 2) Sample Temp (°C): _____

Sample Temp (°C) from each cooler: #1: 14.1 #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C or, for samples collected the same day as sample receipt, arrival on ice; For Microbiology sample 0 to 10°C or, for samples collected the same day as sample receipt, arrival on ice)

Shipping Information: _____

Section 2

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

| Section 3 | YES | NO | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were sample IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a relinquished signature present? | <input checked="" type="checkbox"/> | | |
| Were the tests required clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | | <input checked="" type="checkbox"/> |
| Were the containers labeled with correct preservatives? | | | <input checked="" type="checkbox"/> |

Section 4

Explanations/Comments: _____

Section 5

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By: [Signature] Date: 11/21/14

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Friday, December 09, 2016 8:34 AM
To: Ranjit Clarke
Cc: Bina Patel
Subject: RE: Thomas Jefferson High School (11/21/16) - Enthalpy Analytical Final Report #384618

Hi Ranjit,

Can you please run the following samples collected and submitted as part of report 384618 for lead only by EPA Method 6010 on a standard TAT.

SS103G-1.5
SS103H-0.5
SS103I-1.5
SS103J-0.5
S96D-1.5
SS96E-0.5
SS27G-1.5
SS68G-1.5
SS68H-0.5
SS79G-1.5
SS79H-0.5
SS87E-1.5
SS87F-0.5
SS87G-1.5
SS87H-0.5
SS77D-1.5
SS77G-1.5
SS70F-1.5
SS70G-0.5
SS103K-1.5
SS103L-0.5
SS80D-1.5
SS80E-0.5

Eric Fraske, PE
Project Manager/Senior III



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3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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Download our **Free Environmental Due Diligence Search Tool** [CLICK HERE](#).

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Monday, January 09, 2017 4:06 PM
To: Kristen Walker; Ranjit Clarke
Subject: RE: Enthalpy Analytical Final Report #384618

Hi Kristen and Ranjit,

Can I get the following samples for this report analyzed for lead EPA 6010 on standard TAT.

- SS103H-1.5
- SS103J-1.5
- SS96E-1.5
- SS79H-1.5

Thanks,

Eric Fraske, PE
Project Manager/Senior III



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o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Kristen Walker [mailto:kristen.walker@enthalpy.com]
Sent: Wednesday, December 21, 2016 4:54 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Subject: Enthalpy Analytical Final Report #384618

Hi Eric Fraske,

Attached is your final report #384618. I am going to have our IT department create the cover page because all of the samples do not fit on one sheet. I will get this over to you as soon as I can. But all of the sample results are within the report.

Thank you.

Ranjit Clarke

From: Eric Fraske <Eric.Fraske@altaenviron.com>
Sent: Monday, January 09, 2017 4:13 PM
To: Ranjit Clarke; Kristen Walker
Subject: RE: Enthalpy Analytical Final Report #384618

Sorry, please also add sample SS70G-1.5 to the list as well.

Thanks

Eric Fraske, PE
Project Manager/Senior III



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3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Ranjit Clarke [mailto:Ranjit.Clarke@enthalpy.com]
Sent: Monday, January 09, 2017 4:13 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>; Kristen Walker <kristen.walker@enthalpy.com>
Subject: RE: Enthalpy Analytical Final Report #384618

No problem.



Ranjit Clarke
Senior Project Manager
O: 714-771-9906 / M: 657-274-9864 / F: 714-538-1209
Ranjit.Clarke@enthalpy.com

From: Eric Fraske [mailto:Eric.Fraske@altaenviron.com]
Sent: Monday, January 09, 2017 4:06 PM
To: Kristen Walker <kristen.walker@enthalpy.com>; Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: RE: Enthalpy Analytical Final Report #384618

Hi Kristen and Ranjit,

Can I get the following samples for this report analyzed for lead EPA 6010 on standard TAT.

- SS103H-1.5
- SS103J-1.5
- SS96E-1.5
- SS79H-1.5

Thanks,

Eric Fraske, PE
Project Manager/Senior III



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807
o. 562.495.5777 | c. 562.544.3910 | f. 562.495.5877
eric.fraske@altaenviron.com | www.altaenviron.com

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Alta Environmental is the premier compliance services consultancy serving the needs of municipal, industrial, and construction clients throughout the Western United States. For more information about our air and water environmental compliance, subsurface remediation, building sciences and occupational safety capabilities, please [click here](#) for our website.

From: Kristen Walker [<mailto:kristen.walker@enthalpy.com>]
Sent: Wednesday, December 21, 2016 4:54 PM
To: Eric Fraske <Eric.Fraske@altaenviron.com>
Subject: Enthalpy Analytical Final Report #384618

Hi Eric Fraske,

Attached is your final report #384618. I am going to have our IT department create the cover page because all of the samples do not fit on one sheet. I will get this over to you as soon as I can. But all of the sample results are within the report.

Thank you.

"In observance of the Christmas Holiday, Enthalpy Analytical will be closed on Friday December 23rd and Monday December 26th. Please be advised that any samples with short hold analyses will need to be received by Enthalpy no later than Wednesday December 21st. For special projects, please coordinate with your project manager in advance."

Kristen Walker
Project Manager

Ranjit Clarke

From: Bina Patel <Bina.Patel@altaenviron.com>
Sent: Friday, January 20, 2017 9:48 AM
To: Ranjit Clarke
Cc: Eric Fraske
Subject: Thomas Jefferson High School (11/21/16) - Enthalpy Analytical Final Report #384618

Hi Ranjit,

Can you please run the following sample collected and submitted as part of report 384618 for lead only by EPA Method 6010 on a 24 hour-TAT:

SS27G-2.5

Let me know if you have any questions or concerns.

Thank you!

BINA PATEL

Associate Consultant I



Expertise to Reduce Your Environmental and Safety Risks

3777 Long Beach Blvd, Annex Building, Long Beach, CA 90807

o. 562.495.5777 | c. 714.404.1770 | f. 562.495.5877

bina.patel@altaenviron.com | www.altaenviron.com

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Appendix E

**Investigation Derived Waste – Profile Analytical Report and Waste Manifest
Documentation**



Enthalpy Analytical, Inc.

Formerly Associated Labs
806 N. Batavia - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.associatedlabs.com
info-sc@enthalpy.com



Client: Alta Environmental
Address: 3777 Long Beach Blvd.
Annex Building
Long Beach, CA 90807
Attn: Eric Fraske

Lab Request: 371033
Report Date: 07/05/2016
Date Received: 06/24/2016
Client ID: 11397

Comments: Jefferson High School
#LAUS-16-6101
1319 E. 41st Street, Los Angeles, CA

The data reported herein is for metals, VOCs, and Gasoline only. The soil sample is still available for additional analyses (if needed), but the water sample is not.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAP are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 371033-001 | Soildrum |
| 371033-002 | Decondrum |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

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| | | |
|------------------------------------|-----------------------------------|--------------------------|
| Matrix: Solid | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: <u>371033-001</u> | Client Sample #: Soildrum | Sample Type: |

| Analyte | Result | DF | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|-------------------|------------------------|---------------|----------------------|----------|-------------|-------|
| Method: EPA 6010B <i>NELAC</i> | | Prep Method: EPA 3050B | | QCBatchID: QC1168666 | | | |
| Antimony | ND | 1 | 3 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Arsenic | 5.24 | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Barium | 108 | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Beryllium | ND | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Cadmium | 0.76 | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Chromium | 15.7 | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Cobalt | 11.5 | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Copper | 18.1 | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Lead | 33.6 | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Molybdenum | 1.04 | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Nickel | 10.9 | 1 | 1.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Selenium | ND | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN B |
| Silver | ND | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Thallium | ND | 1 | 1 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Vanadium | 34.9 | 1 | 0.5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Zinc | 117 | 1 | 5 | mg/Kg | 06/25/16 | 06/27/16 | JN |
| Method: EPA 7471A <i>NELAC</i> | | Prep Method: EPA 7471A | | QCBatchID: QC1168664 | | | |
| Mercury | ND | 1 | 0.14 | mg/Kg | 06/27/16 | 06/28/16 | JP |
| Method: EPA 8015B <i>NELAC</i> | | Prep Method: EPA 5035 | | QCBatchID: QC1168647 | | | |
| TPH Gasoline | ND | 1 | 3 | mg/Kg | | 06/25/16 | TT |
| <u>Surrogate</u> | <u>% Recovery</u> | | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | 86 | | 60-140 | | | | |
| Method: EPA 8260B <i>NELAC</i> | | Prep Method: EPA 5035 | | QCBatchID: QC1168645 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1,1-Trichloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1,2,2-Tetrachloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1,2-Trichloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1,2-Trichlorotrifluoroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1-Dichloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1-Dichloroethene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,1-Dichloropropene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2,3-Trichlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2,3-Trichloropropane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2,4-Trichlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2,4-Trimethylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2-Dibromo-3-chloropropane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2-Dibromoethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2-Dichlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2-Dichloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,2-Dichloropropane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,3,5-Trimethylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,3-Dichlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,3-Dichloropropane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 1,4-Dichlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 2,2-Dichloropropane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 2-Butanone (MEK) | ND | 1 | 100 | ug/Kg | | 06/25/16 | ZZ |
| 2-Chloroethyl Vinyl Ether | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 2-Chlorotoluene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 4-Chlorotoluene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 4-Isopropyltoluene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| 4-Methyl-2-pentanone (MIBK) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |

Matrix: Solid

Client: Alta Environmental

Collector: Client

Sampled: 06/24/2016

Site:

Sample #: 371033-001

Client Sample #: Soildrum

Sample Type:

| Analyte | Result | DF | RDL | Units | Prepared | Analyzed By | Notes |
|------------------------------|--------|-------------------|-----|---------------|----------|--------------|-------|
| Acetone | ND | 1 | 100 | ug/Kg | | 06/25/16 | ZZ |
| Allyl Chloride | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Benzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Bromobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Bromochloromethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Bromodichloromethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Bromoform | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Bromomethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Carbon Tetrachloride | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Chlorobenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Chlorodibromomethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Chloroethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Chloroform | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Chloromethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| cis-1,2-Dichloroethene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| cis-1,3-dichloropropene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| cis-1,4-dichloro-2-butene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Dibromomethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Dichlorodifluoromethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Di-isopropyl ether (DIPE) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Ethylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Hexachlorobutadiene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Isopropylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| m and p-Xylene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Methylene chloride | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Methyl-t-butyl Ether (MTBE) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Naphthalene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| N-butylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| N-propylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| o-Xylene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Sec-butylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Styrene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| t-Butyl alcohol (TBA) | ND | 1 | 10 | ug/Kg | | 06/25/16 | ZZ |
| Tert-amylmethylether (TAME) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Tert-butylbenzene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Tetrachloroethene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Toluene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| trans-1,2-dichloroethene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| trans-1,3-dichloropropene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| trans-1,4-dichloro-2-butene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Trichloroethene | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Trichlorofluoromethane | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Vinyl Chloride | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| Xylenes (Total) | ND | 1 | 5 | ug/Kg | | 06/25/16 | ZZ |
| <u>Surrogate</u> | | <u>% Recovery</u> | | <u>Limits</u> | | <u>Notes</u> | |
| 1,2-Dichloroethane-d4 (SUR) | | 117 | | 70-145 | | | |
| 4-Bromofluorobenzene (SUR) | | 142 | | 70-145 | | | |
| Dibromodifluoromethane (SUR) | | 102 | | 70-145 | | | |
| Toluene-d8 (SUR) | | 105 | | 70-145 | | | |

| | | |
|-----------------------------|-----------------------------------|--------------------------|
| Matrix: Water | Client: Alta Environmental | Collector: Client |
| Sampled: 06/24/2016 | Site: | |
| Sample #: 371033-002 | Client Sample #: Decondrum | Sample Type: |

| Analyte | Result | DF | RDL | Units | Prepared | Analyzed By | Notes |
|--------------------------------|--------------|------------------------|---------------|----------------------|----------|-------------|-------|
| Method: EPA 6010B NELAC | | Prep Method: EPA 3010A | | QCBatchID: QC1168717 | | | |
| Antimony | ND | 1 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Arsenic | ND | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Barium | 0.160 | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Beryllium | ND | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Cadmium | ND | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Chromium | 0.036 | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Cobalt | 0.013 | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Copper | 0.046 | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Lead | 0.033 | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Molybdenum | ND | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Nickel | ND | 1 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Selenium | ND | 1 | 0.01 | mg/L | 06/28/16 | 07/01/16 | JN |
| Silver | ND | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Thallium | ND | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Vanadium | 0.037 | 1 | 0.005 | mg/L | 06/28/16 | 07/01/16 | JN |
| Zinc | 0.455 | 1 | 0.02 | mg/L | 06/28/16 | 07/01/16 | JN |
| Method: EPA 7470A NELAC | | Prep Method: Method | | QCBatchID: QC1168685 | | | |
| Mercury | ND | 1 | 0.4 | ug/L | 06/29/16 | 07/01/16 | MH |
| Method: EPA 8015B NELAC | | Prep Method: EPA 5030B | | QCBatchID: QC1168646 | | | |
| TPH Gasoline | ND | 100 | 5000 | ug/L | | 06/26/16 | TT |
| <u>Surrogate</u> | | <u>% Recovery</u> | <u>Limits</u> | <u>Notes</u> | | | |
| 4-Bromofluorobenzene (SUR) | | 96 | 60-140 | | | | |
| Method: EPA 8260B NELAC | | Prep Method: EPA 5030B | | QCBatchID: QC1168653 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1,1-Trichloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1,2,2-Tetrachloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1,2-Trichloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1,2-Trichlorotrifluoroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1-Dichloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1-Dichloroethene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,1-Dichloropropene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2,3-Trichlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2,3-Trichloropropane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2,4-Trichlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2,4-Trimethylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2-Dibromo-3-chloropropane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2-Dibromoethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2-Dichlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2-Dichloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,2-Dichloropropane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,3,5-Trimethylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,3-Dichlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,3-Dichloropropane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 1,4-Dichlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 2,2-Dichloropropane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 2-Butanone (MEK) | ND | 100 | 10000 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 2-Chlorotoluene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 4-Chlorotoluene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 4-Isopropyltoluene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| 4-Methyl-2-pentanone (MIBK) | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |
| Acetone | ND | 100 | 10000 | ug/L | 06/25/16 | 06/26/16 | LZ D2 |

Matrix: Water

Client: Alta Environmental

Collector: Client

Sampled: 06/24/2016

Site:

Sample #: 371033-002

Client Sample #: Decondrum

Sample Type:

| Analyte | Result | DF | RDL | Units | Prepared | Analyzed | By | Notes |
|-----------------------------|--------|-----|------|-------|----------|----------|----|-------|
| Allyl Chloride | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Benzene | ND | 100 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Bromobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Bromochloromethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Bromodichloromethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Bromoform | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Bromomethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Carbon Tetrachloride | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Chlorobenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Chlorodibromomethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Chloroethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Chloroform | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Chloromethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| cis-1,2-Dichloroethene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| cis-1,3-dichloropropene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| cis-1,4-dichloro-2-butene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Dibromomethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Dichlorodifluoromethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Di-isopropyl ether (DIPE) | ND | 100 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Ethylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Ethyl-tertbutylether (ETBE) | ND | 100 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Hexachlorobutadiene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Isopropylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| m and p-Xylene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Methylene chloride | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Methyl-t-butyl Ether (MTBE) | ND | 100 | 100 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Naphthalene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| N-butylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| N-propylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| o-Xylene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Sec-butylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Styrene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| t-Butyl alcohol (TBA) | ND | 100 | 1000 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Tert-amylmethylether (TAME) | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Tert-butylbenzene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Tetrachloroethene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Toluene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| trans-1,2-dichloroethene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| trans-1,3-dichloropropene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| trans-1,4-dichloro-2-butene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Trichloroethene | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Trichlorofluoromethane | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Vinyl Chloride | ND | 100 | 500 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |
| Xylenes (Total) | ND | 1 | 5 | ug/L | 06/25/16 | 06/26/16 | LZ | D2 |

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)
 4-Bromofluorobenzene (SUR)
 Dibromodifluoromethane (SUR)
 Toluene-d8 (SUR)

97
 107
 90
 105

70-145
 70-145
 70-145
 70-145

QCBatchID: **QC1168645**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 06/25/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|--------------------------------|--------------|-------|-----|-------|
| QC1168645MB1 | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 5 | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 5 | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 5 | |
| 1,1-Dichloroethane | ND | ug/Kg | 5 | |
| 1,1-Dichloroethene | ND | ug/Kg | 5 | |
| 1,1-Dichloropropene | ND | ug/Kg | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 5 | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 5 | |
| 1,2-Dibromoethane | ND | ug/Kg | 5 | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 5 | |
| 1,2-Dichloroethane | ND | ug/Kg | 5 | |
| 1,2-Dichloropropane | ND | ug/Kg | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 5 | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 5 | |
| 1,3-Dichloropropane | ND | ug/Kg | 5 | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 5 | |
| 2,2-Dichloropropane | ND | ug/Kg | 5 | |
| 2-Butanone (MEK) | ND | ug/Kg | 100 | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 5 | |
| 2-Chlorotoluene | ND | ug/Kg | 5 | |
| 4-Chlorotoluene | ND | ug/Kg | 5 | |
| 4-Isopropyltoluene | ND | ug/Kg | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 5 | |
| Acetone | ND | ug/Kg | 100 | |
| Allyl Chloride | ND | ug/Kg | 5 | |
| Benzene | ND | ug/Kg | 5 | |
| Bromobenzene | ND | ug/Kg | 5 | |
| Bromochloromethane | ND | ug/Kg | 5 | |
| Bromodichloromethane | ND | ug/Kg | 5 | |
| Bromoform | ND | ug/Kg | 5 | |
| Bromomethane | ND | ug/Kg | 5 | |
| Carbon Tetrachloride | ND | ug/Kg | 5 | |
| Chlorobenzene | ND | ug/Kg | 5 | |
| Chlorodibromomethane | ND | ug/Kg | 5 | |
| Chloroethane | ND | ug/Kg | 5 | |
| Chloroform | ND | ug/Kg | 5 | |
| Chloromethane | ND | ug/Kg | 5 | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 5 | |
| cis-1,3-dichloropropene | ND | ug/Kg | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 5 | |
| Dibromomethane | ND | ug/Kg | 5 | |
| Dichlorodifluoromethane | ND | ug/Kg | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 5 | |
| Ethylbenzene | ND | ug/Kg | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 5 | |

| | | |
|-----------------------------|-----------------------------|-----------------------------------|
| QCBatchID: QC1168645 | Analyst: nicollez | Method: EPA 8260B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-MS (group) |

| Analyte | Blank Result | Units | RDL | Notes |
|-----------------------------|--------------|-------|-----|-------|
| QC1168645MB1 | | | | |
| Isopropylbenzene | ND | ug/Kg | 5 | |
| m and p-Xylene | ND | ug/Kg | 5 | |
| Methylene chloride | ND | ug/Kg | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 5 | |
| Naphthalene | ND | ug/Kg | 5 | |
| N-butylbenzene | ND | ug/Kg | 5 | |
| N-propylbenzene | ND | ug/Kg | 5 | |
| o-Xylene | ND | ug/Kg | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 5 | |
| Styrene | ND | ug/Kg | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 5 | |
| Tetrachloroethene | ND | ug/Kg | 5 | |
| Toluene | ND | ug/Kg | 5 | |
| TPH Gasoline | ND | ug/Kg | 100 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 5 | |
| Trichloroethene | ND | ug/Kg | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 5 | |
| Vinyl Chloride | ND | ug/Kg | 5 | |
| Xylenes (Total) | ND | ug/Kg | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168645LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 53 | | ug/Kg | 106 | | | 59-172 | | |
| Benzene | 50 | | 51 | | ug/Kg | 102 | | | 62-137 | | |
| Chlorobenzene | 50 | | 55 | | ug/Kg | 110 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 50 | | ug/Kg | 100 | | | 62-137 | | |
| Toluene | 50 | | 55 | | ug/Kg | 110 | | | 59-139 | | |
| TPH Gasoline | 1000 | 1000 | 920 | 950 | ug/Kg | 92 | 95 | 3 | 60-140 | 30 | |
| Trichloroethene | 50 | | 54 | | ug/Kg | 108 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168645MS1, QC1168645MSD1 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 55 | 52 | ug/Kg | 110 | 104 | 5.6 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 55 | 51 | ug/Kg | 110 | 102 | 7.5 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 56 | 56 | ug/Kg | 112 | 112 | 0.0 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 56 | 54 | ug/Kg | 112 | 108 | 3.6 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 56 | 55 | ug/Kg | 112 | 110 | 1.8 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 55 | 53 | ug/Kg | 110 | 106 | 3.7 | 66-142 | 21 | |

| | | |
|--------------------------------------|-----------------------------|-----------------------------------|
| QC Batch ID: <u>QC1168646</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Water | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|-----|-------|
| QC1168646MB1 | | | | |
| TPH Gasoline | ND | ug/L | 50 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168646LCS1, QC1168646LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 500 | 500 | 435 | 445 | ug/L | 87 | 89 | 2 | 70-130 | 30 | |

| | | |
|------------------------------------|-----------------------------|-----------------------------------|
| QCBatchID: <u>QC1168647</u> | Analyst: ttran | Method: EPA 8015B |
| Matrix: Solid | Analyzed: 06/25/2016 | Instrument: VOA-GC (group) |

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|-----|-------|
| QC1168647MB1 | | | | |
| TPH Gasoline | ND | mg/Kg | 3 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|--------------------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168647LCS1, QC1168647LCSD1 | | | | | | | | | | | |
| TPH Gasoline | 5 | 5 | 4.38 | 4.33 | mg/Kg | 88 | 87 | 1 | 70-130 | 20 | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168647MS1, QC1168647MSD1 | | | | | | | | | | | | |
| TPH Gasoline | ND | 5 | 5 | 3.26 | 3.13 | mg/Kg | 65 | 63 | 4.1 | 70-130 | 20 | M |

QC Batch ID: **QC1168653**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/26/2016

Instrument: VOA-MS (group)

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|--------------------------------|--------------|-------|-----|-------|
| QC1168653MB1 | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 5 | |
| 1,1,1-Trichloroethane | ND | ug/L | 5 | |
| 1,1,1,2-Tetrachloroethane | ND | ug/L | 5 | |
| 1,1,2-Trichloroethane | ND | ug/L | 5 | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/L | 5 | |
| 1,1-Dichloroethane | ND | ug/L | 5 | |
| 1,1-Dichloroethene | ND | ug/L | 5 | |
| 1,1-Dichloropropene | ND | ug/L | 5 | |
| 1,2,3-Trichlorobenzene | ND | ug/L | 5 | |
| 1,2,3-Trichloropropane | ND | ug/L | 5 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 5 | |
| 1,2,4-Trimethylbenzene | ND | ug/L | 5 | |
| 1,2-Dibromo-3-chloropropane | ND | ug/L | 5 | |
| 1,2-Dibromoethane | ND | ug/L | 5 | |
| 1,2-Dichlorobenzene | ND | ug/L | 5 | |
| 1,2-Dichloroethane | ND | ug/L | 5 | |
| 1,2-Dichloropropane | ND | ug/L | 5 | |
| 1,3,5-Trimethylbenzene | ND | ug/L | 5 | |
| 1,3-Dichlorobenzene | ND | ug/L | 5 | |
| 1,3-Dichloropropane | ND | ug/L | 5 | |
| 1,4-Dichlorobenzene | ND | ug/L | 5 | |
| 2,2-Dichloropropane | ND | ug/L | 5 | |
| 2-Butanone (MEK) | ND | ug/L | 100 | |
| 2-Chlorotoluene | ND | ug/L | 5 | |
| 4-Chlorotoluene | ND | ug/L | 5 | |
| 4-Isopropyltoluene | ND | ug/L | 5 | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 5 | |
| Acetone | ND | ug/L | 100 | |
| Allyl Chloride | ND | ug/L | 5 | |
| Benzene | ND | ug/L | 1 | |
| Bromobenzene | ND | ug/L | 5 | |
| Bromochloromethane | ND | ug/L | 5 | |
| Bromodichloromethane | ND | ug/L | 5 | |
| Bromoform | ND | ug/L | 5 | |
| Bromomethane | ND | ug/L | 5 | |
| Carbon Tetrachloride | ND | ug/L | 5 | |
| Chlorobenzene | ND | ug/L | 5 | |
| Chlorodibromomethane | ND | ug/L | 5 | |
| Chloroethane | ND | ug/L | 5 | |
| Chloroform | ND | ug/L | 5 | |
| Chloromethane | ND | ug/L | 5 | |
| cis-1,2-Dichloroethene | ND | ug/L | 5 | |
| cis-1,3-dichloropropene | ND | ug/L | 5 | |
| cis-1,4-dichloro-2-butene | ND | ug/L | 5 | |
| Dibromomethane | ND | ug/L | 5 | |
| Dichlorodifluoromethane | ND | ug/L | 5 | |
| Di-isopropyl ether (DIPE) | ND | ug/L | 1 | |
| Ethylbenzene | ND | ug/L | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/L | 1 | |
| Hexachlorobutadiene | ND | ug/L | 5 | |
| Isopropylbenzene | ND | ug/L | 5 | |

QCBatchID: **QC1168653**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 06/26/2016

Instrument: VOA-MS (group)

| Analyte | Blank Result | Units | RDL | Notes |
|-----------------------------|--------------|-------|-----|-------|
| QC1168653MB1 | | | | |
| m and p-Xylene | ND | ug/L | 5 | |
| Methylene chloride | ND | ug/L | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/L | 1 | |
| Naphthalene | ND | ug/L | 5 | |
| N-butylbenzene | ND | ug/L | 5 | |
| N-propylbenzene | ND | ug/L | 5 | |
| o-Xylene | ND | ug/L | 5 | |
| Sec-butylbenzene | ND | ug/L | 5 | |
| Styrene | ND | ug/L | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/L | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/L | 5 | |
| Tert-butylbenzene | ND | ug/L | 5 | |
| Tetrachloroethene | ND | ug/L | 5 | |
| Toluene | ND | ug/L | 5 | |
| trans-1,2-dichloroethene | ND | ug/L | 5 | |
| trans-1,3-dichloropropene | ND | ug/L | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/L | 5 | |
| Trichloroethene | ND | ug/L | 5 | |
| Trichlorofluoromethane | ND | ug/L | 5 | |
| Vinyl Chloride | ND | ug/L | 5 | |
| Xylenes (Total) | ND | ug/L | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168653LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 47 | | ug/L | 94 | | | 59-172 | | |
| Benzene | 50 | | 47 | | ug/L | 94 | | | 62-137 | | |
| Chlorobenzene | 50 | | 47 | | ug/L | 94 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 44 | | ug/L | 88 | | | 62-137 | | |
| Toluene | 50 | | 51 | | ug/L | 102 | | | 59-139 | | |
| Trichloroethene | 50 | | 51 | | ug/L | 102 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168653MS1, QC1168653MSD1 | | | | | | | | | | | | |
| Source: 371034-091 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 46 | 48 | ug/L | 92 | 96 | 4.3 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 45 | 48 | ug/L | 90 | 96 | 6.5 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 48 | 48 | ug/L | 96 | 96 | 0.0 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 39 | 46 | ug/L | 78 | 92 | 16.5 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 51 | 53 | ug/L | 102 | 106 | 3.8 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 49 | 50 | ug/L | 98 | 100 | 2.0 | 66-142 | 21 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168664</u> | Analyst: JParedes | Method: EPA 7471A |
| Matrix: Solid | Analyzed: 06/28/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|------|-------|
| QC1168664MB1 | | | | |
| Mercury | ND | mg/Kg | 0.14 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168664LCS1 | | | | | | | | | | | |
| Mercury | 0.83 | | 0.82 | | mg/Kg | 99 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|------|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168664MS1, QC1168664MSD1 | | | | | | | | | | | | |
| Mercury | 0.08 | 0.83 | 0.83 | 0.86 | 0.89 | mg/Kg | 94 | 98 | 3.4 | 75-125 | 20 | Source: 371033-001 |

| | | |
|-----------------------------|-----------------------------|----------------------------------|
| QCBatchID: QC1168666 | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|-----|-------|
| QC1168666MB1 | | | | |
| Antimony | ND | mg/Kg | 3 | |
| Arsenic | ND | mg/Kg | 1 | |
| Barium | ND | mg/Kg | 1 | |
| Beryllium | ND | mg/Kg | 0.5 | |
| Cadmium | ND | mg/Kg | 0.5 | |
| Chromium | ND | mg/Kg | 1 | |
| Cobalt | ND | mg/Kg | 0.5 | |
| Copper | ND | mg/Kg | 1 | |
| Lead | ND | mg/Kg | 0.5 | |
| Molybdenum | ND | mg/Kg | 1 | |
| Nickel | ND | mg/Kg | 1.5 | |
| Selenium | 1.15 | mg/Kg | 1 | B |
| Silver | ND | mg/Kg | 0.5 | |
| Thallium | ND | mg/Kg | 1 | |
| Vanadium | ND | mg/Kg | 0.5 | |
| Zinc | ND | mg/Kg | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168666LCS1 | | | | | | | | | | | |
| Antimony | 200 | | 204 | | mg/Kg | 102 | | | 80-120 | | |
| Arsenic | 200 | | 194 | | mg/Kg | 97 | | | 80-120 | | |
| Barium | 200 | | 221 | | mg/Kg | 111 | | | 80-120 | | |
| Beryllium | 200 | | 184 | | mg/Kg | 92 | | | 80-120 | | |
| Cadmium | 200 | | 217 | | mg/Kg | 109 | | | 80-120 | | |
| Chromium | 200 | | 211 | | mg/Kg | 106 | | | 80-120 | | |
| Cobalt | 200 | | 199 | | mg/Kg | 100 | | | 80-120 | | |
| Copper | 200 | | 206 | | mg/Kg | 103 | | | 80-120 | | |
| Lead | 200 | | 192 | | mg/Kg | 96 | | | 80-120 | | |
| Molybdenum | 200 | | 200 | | mg/Kg | 100 | | | 80-120 | | |
| Nickel | 200 | | 196 | | mg/Kg | 98 | | | 80-120 | | |
| Selenium | 200 | | 190 | | mg/Kg | 95 | | | 80-120 | | |
| Silver | 100 | | 92.8 | | mg/Kg | 93 | | | 80-120 | | |
| Thallium | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |
| Vanadium | 200 | | 217 | | mg/Kg | 109 | | | 80-120 | | |
| Zinc | 200 | | 195 | | mg/Kg | 98 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168666MS1, QC1168666MSD1 | | | | | | | | | | | | |
| Source: 371033-001 | | | | | | | | | | | | |
| Antimony | ND | 100 | 100 | 34.6 | 33.2 | mg/Kg | 35 | 33 | 4.1 | 75-125 | 20 | M |
| Arsenic | 5.24 | 100 | 100 | 101 | 100 | mg/Kg | 96 | 95 | 1.0 | 75-125 | 20 | |
| Barium | 108 | 100 | 100 | 208 | 196 | mg/Kg | 100 | 88 | 5.9 | 75-125 | 20 | |
| Beryllium | ND | 100 | 100 | 87.3 | 91.4 | mg/Kg | 87 | 91 | 4.6 | 75-125 | 20 | |
| Cadmium | 0.76 | 100 | 100 | 98.6 | 94.3 | mg/Kg | 98 | 94 | 4.5 | 75-125 | 20 | |
| Chromium | 15.7 | 100 | 100 | 122 | 109 | mg/Kg | 106 | 93 | 11.3 | 75-125 | 20 | |
| Cobalt | 11.5 | 100 | 100 | 106 | 99.9 | mg/Kg | 95 | 88 | 5.9 | 75-125 | 20 | |
| Copper | 18.1 | 100 | 100 | 121 | 111 | mg/Kg | 103 | 93 | 8.6 | 75-125 | 20 | |
| Lead | 33.6 | 100 | 100 | 121 | 120 | mg/Kg | 87 | 86 | 0.8 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|----------------------------------|
| QCBatchID: <u>QC1168666</u> | Analyst: jeannynguye | Method: EPA 6010B |
| Matrix: Solid | Analyzed: 06/29/2016 | Instrument: AAICP (group) |

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168666MS1, QC1168666MSD1 | | | | | | | | | | | Source: 371033-001 | |
| Molybdenum | 1.04 | 100 | 100 | 90.0 | 88.7 | mg/Kg | 89 | 88 | 1.5 | 75-125 | 20 | |
| Nickel | 10.9 | 100 | 100 | 109 | 101 | mg/Kg | 98 | 90 | 7.6 | 75-125 | 20 | |
| Selenium | ND | 100 | 100 | 72.4 | 69.2 | mg/Kg | 72 | 69 | 4.5 | 75-125 | 20 | M |
| Silver | ND | 50 | 50 | 45.2 | 42.4 | mg/Kg | 90 | 85 | 6.4 | 75-125 | 20 | |
| Thallium | ND | 100 | 100 | 88.7 | 87.6 | mg/Kg | 89 | 88 | 1.2 | 75-125 | 20 | |
| Vanadium | 34.9 | 100 | 100 | 136 | 128 | mg/Kg | 101 | 93 | 6.1 | 75-125 | 20 | |
| Zinc | 117 | 100 | 100 | 201 | 199 | mg/Kg | 84 | 82 | 1.0 | 75-125 | 20 | |

| | | |
|------------------------------------|-----------------------------|------------------------------|
| QCBatchID: <u>QC1168685</u> | Analyst: JParedes | Method: EPA 7470A |
| Matrix: Water | Analyzed: 06/29/2016 | Instrument: AAICP-HG1 |

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|-----|-------|
| QC1168685MB1 | | | | |
| Mercury | ND | ug/L | 0.4 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168685LCS1 | | | | | | | | | | | |
| Mercury | 5 | | 5.62 | | ug/L | 112 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|------|-------|------------|-----|-----|--------|-----|---------------------------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168685MS1, QC1168685MSD1 | | | | | | | | | | | | |
| Mercury | 0.19 | 5 | 5 | 5.70 | 5.69 | ug/L | 106 | 106 | 0.2 | 75-125 | 20 | Source: 371006-162 |

QC Batch ID: **QC1168717**

Analyst: jeannynguye

Method: EPA 6010B

Matrix: Water

Analyzed: 06/30/2016

Instrument: AAICP (group)

Blank Summary

| Analyte | Blank Result | Units | RDL | Notes |
|---------------------|--------------|-------|-------|-------|
| QC1168717MB1 | | | | |
| Antimony | ND | mg/L | 0.02 | |
| Arsenic | ND | mg/L | 0.01 | |
| Barium | ND | mg/L | 0.01 | |
| Beryllium | ND | mg/L | 0.005 | |
| Cadmium | ND | mg/L | 0.005 | |
| Chromium | ND | mg/L | 0.01 | |
| Cobalt | ND | mg/L | 0.005 | |
| Copper | ND | mg/L | 0.01 | |
| Lead | ND | mg/L | 0.005 | |
| Molybdenum | ND | mg/L | 0.01 | |
| Nickel | ND | mg/L | 0.02 | |
| Selenium | ND | mg/L | 0.01 | |
| Silver | ND | mg/L | 0.005 | |
| Thallium | ND | mg/L | 0.005 | |
| Vanadium | ND | mg/L | 0.005 | |
| Zinc | ND | mg/L | 0.02 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|----------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1168717LCS1 | | | | | | | | | | | |
| Antimony | 2 | | 2.12 | | mg/L | 106 | | | 80-120 | | |
| Arsenic | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Barium | 2 | | 2.11 | | mg/L | 106 | | | 80-120 | | |
| Beryllium | 2 | | 1.90 | | mg/L | 95 | | | 80-120 | | |
| Cadmium | 2 | | 2.13 | | mg/L | 107 | | | 80-120 | | |
| Chromium | 2 | | 2.06 | | mg/L | 103 | | | 80-120 | | |
| Cobalt | 2 | | 2.08 | | mg/L | 104 | | | 80-120 | | |
| Copper | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Lead | 2 | | 1.92 | | mg/L | 96 | | | 80-120 | | |
| Molybdenum | 2 | | 1.93 | | mg/L | 97 | | | 80-120 | | |
| Nickel | 2 | | 1.94 | | mg/L | 97 | | | 80-120 | | |
| Selenium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Silver | 1 | | 0.989 | | mg/L | 99 | | | 80-120 | | |
| Thallium | 2 | | 1.84 | | mg/L | 92 | | | 80-120 | | |
| Vanadium | 2 | | 2.04 | | mg/L | 102 | | | 80-120 | | |
| Zinc | 2 | | 2.03 | | mg/L | 102 | | | 80-120 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | | |
| Source: 371006-162 | | | | | | | | | | | | |
| Antimony | ND | 1 | 1 | 1.03 | 1.06 | mg/L | 103 | 106 | 2.9 | 75-125 | 20 | |
| Arsenic | 0.007 | 1 | 1 | 0.950 | 0.991 | mg/L | 94 | 98 | 4.2 | 75-125 | 20 | |
| Barium | ND | 1 | 1 | 1.08 | 1.11 | mg/L | 108 | 111 | 2.7 | 75-125 | 20 | |
| Beryllium | ND | 1 | 1 | 0.993 | 1.01 | mg/L | 99 | 101 | 1.7 | 75-125 | 20 | |
| Cadmium | ND | 1 | 1 | 1.08 | 1.10 | mg/L | 108 | 110 | 1.8 | 75-125 | 20 | |
| Chromium | ND | 1 | 1 | 1.05 | 1.07 | mg/L | 105 | 107 | 1.9 | 75-125 | 20 | |
| Cobalt | ND | 1 | 1 | 1.07 | 1.09 | mg/L | 107 | 109 | 1.9 | 75-125 | 20 | |
| Copper | 0.007 | 1 | 1 | 0.983 | 1.00 | mg/L | 98 | 99 | 1.7 | 75-125 | 20 | |
| Lead | ND | 1 | 1 | 1.01 | 1.05 | mg/L | 101 | 105 | 3.9 | 75-125 | 20 | |

QCBatchID: QC1168717**Analyst:** jeannynguye**Method:** EPA 6010B**Matrix:** Water**Analyzed:** 06/30/2016**Instrument:** AAICP (group)

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-------|-------|------------|-----|-----|--------|---------------------------|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1168717MS1, QC1168717MSD1 | | | | | | | | | | | Source: 371006-162 | |
| Molybdenum | 0.004 | 1 | 1 | 1.03 | 1.04 | mg/L | 103 | 104 | 1.0 | 75-125 | 20 | |
| Nickel | ND | 1 | 1 | 0.999 | 1.02 | mg/L | 100 | 102 | 2.1 | 75-125 | 20 | |
| Selenium | ND | 1 | 1 | 0.915 | 0.949 | mg/L | 92 | 95 | 3.6 | 75-125 | 20 | |
| Silver | ND | 0.5 | 0.5 | 0.487 | 0.495 | mg/L | 97 | 99 | 1.6 | 75-125 | 20 | |
| Thallium | 0.005 | 1 | 1 | 0.992 | 1.03 | mg/L | 99 | 103 | 3.8 | 75-125 | 20 | |
| Vanadium | ND | 1 | 1 | 1.06 | 1.05 | mg/L | 106 | 105 | 0.9 | 75-125 | 20 | |
| Zinc | 0.009 | 1 | 1 | 1.02 | 1.05 | mg/L | 101 | 104 | 2.9 | 75-125 | 20 | |

Data Qualifiers and Definitions

Qualifiers

| | |
|------------|--|
| A | See Report Comments. |
| B | Analyte was present in an associated method blank. |
| B1 | Analyte was present in a sample and associated method blank greater than MDL but less than DRL. |
| BQ1 | No valid test replicates. Sample Toxicity is possible. Best result was reported. |
| BQ2 | No valid test replicates. |
| BQ3 | No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater. |
| C | Possible laboratory contamination. |
| D | RPD was not within control limits. The sample data was reported without further clarification. |
| D1 | Lesser amount of sample was used due to insufficient amount of sample supplied. |
| D2 | Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit. |
| DW | Sample result is calculated on a dry weigh basis. |
| E | Concentration is estimated because it exceeds the quantification limits of the method. |
| I | The sample was read outside of the method required incubation period. |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| M1 | The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference. |
| M2 | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated. |
| N1 | Sample chromatography does not match the specified TPH standard pattern. |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| P1 | Temperature of sample storage refrigerator was out of acceptance limits. |
| P2 | The sample was preserved within 24 hours of collection in accordance with EPA 218.6. |
| Q1 | Analyte Calibration Verification exceeds criteria. The result is estimated. |
| Q2 | Analyte calibration was not verified and the result was estimated. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated. |
| Q4 | Analyte result out of calibration range. Result was estimated. |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| S1 | The associated surrogate recovery was out of control limits; result is estimated. |
| S2 | The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria. |
| T | Sample was extracted/analyzed past the holding time. |
| T1 | Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only). |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| T3 | Sample received and analyzed out of hold time per client's request. |
| T4 | Sample was analyzed out of hold time per client's request. |
| T5 | Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable. |
| T6 | Hold time is indeterminable due to unspecified sampling time. |
| T7 | Sample was analyzed past hold time due to insufficient time remaining at time of receipt. |

Definitions

| | |
|------------|---|
| DF | Dilution Factor |
| MDL | Method Detection Limit. Result is reported ND when it is less than or equal to MDL. |
| ND | Analyte was not detected or was less than the detection limit. |
| NR | Not Reported. See Report Comments. |
| RDL | Reporting Detection Limit |
| TIC | Tentatively Identified Compounds |

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record

Lab No: **971034**
 Page: **1** of **1**
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid Seaw = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

| | | | |
|-----------|---|--------|-----------|
| Standard: | X | 4 Day: | 3 Day: |
| 2 Day: | | 1 Day: | Same Day: |

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: **Alta Environmental** Name: **Jefferson High School**
 Report To: **Eric Fraske** Number: **LAUS-16-6101**
 Email: **eric.fraske@altaenvirom.com** P.O. #:
 Address: **3777 Long Beach Boulevard** Address: **1319 E. 41st Street**
Long Beach, CA 90807 **Los Angeles, CA**
 Phone: **562-544-3910** Global ID:
 Fax: **562-495-5877** Sampled By:

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

| Sample ID | Sampling Date | Sampling Time | Matrix | Container No. / Size | Pres. | Arsenic (USEPA 6020) | Lead (USEPA 6010B) | OCP (8081A) | VOCs+oxys (USEPA 8260B/5035) | TPH-g (USEPA 8015M/5035) | TPH-d/o (USEPA 8015M) | PCBs (EPA Method 8082) | Other |
|-----------|---------------|---------------|------------------|----------------------|-------|----------------------|--------------------|-------------|------------------------------|--------------------------|-----------------------|------------------------|-------|
| 1 | 6/22/16 | - | Soil | 1x5/2cc | - | | | | | | | | |
| 2 | 6/22/16 | - | H ₂ O | 3 Amber Swabs | - | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |

| | Signature | Print Name | Company / Title | Date / Time |
|--------------------|--------------------|-------------|-----------------|-----------------|
| 1 Relinquished By: | <i>Eric Fraske</i> | ERIC FRASKE | ALTA | 06/24/2016 1400 |
| 2 Relinquished By: | <i>Eric Fraske</i> | Eric Fraske | | 6/24/16 1400 |
| 3 Relinquished By: | <i>Eric Fraske</i> | ERIC FRASKE | | 6/24/16 1545 |
| Received By: | | | | |



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: ALTA ENVIRONMENTAL Project: JEFFERSON HIGH SCHOOL
 Date Received: 6/24/16 Sampler's Signature Present: Yes
 Sample temperature: _____
 Sample(s) received in cooler: Yes No (Skip Section 2)
 Shipping Information: _____

Section 2
 Was the cooler packed with: Ice _____ Ice Packs _____ Bubble Wrap _____ Styrofoam
 _____ Paper _____ None _____ Other _____
 Cooler 1 Temperature: 3.4° Cooler 2 Temperature: _____ Cooler 3 Temperature: _____
 (Acceptance range is 0 to 6 Deg. C. or arrival on ice; For Microbiology sample ≤ 10 Deg. C or arrival on ice)

| Section 3 | YES | NO | N/A |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| Was a COC received? | <input checked="" type="checkbox"/> | | |
| Were IDs present? | <input checked="" type="checkbox"/> | | |
| Were sampling dates & times present? | <input checked="" type="checkbox"/> | | |
| Was a signature present? | <input checked="" type="checkbox"/> | | |
| Were tests clearly indicated? | <input checked="" type="checkbox"/> | | |
| Were custody seals present? | | <input checked="" type="checkbox"/> | |
| If Yes – were they intact? | | | <input checked="" type="checkbox"/> |
| Were all samples sealed in plastic bags? | <input checked="" type="checkbox"/> | | |
| Did all samples arrive intact? If no, indicate below. | <input checked="" type="checkbox"/> | | |
| Did all bottle labels agree with COC? (ID, dates and times) | <input checked="" type="checkbox"/> | | |
| Were correct containers used for the tests required? | <input checked="" type="checkbox"/> | | |
| Was a sufficient amount of sample sent for tests indicated? | <input checked="" type="checkbox"/> | | |
| Was there headspace in VOA vials? | | <input checked="" type="checkbox"/> | |
| Were the containers labeled with correct preservatives? | <input checked="" type="checkbox"/> | | |
| Was total residual chlorine measured (Fish Bioassay samples only)? * *If the answer is no, please inform Fish Bioassay Dept. immediately. | | | <input checked="" type="checkbox"/> |

Section 4
 Explanations/Comments

Section 5
 Was the Project Manager notified via email of discrepancies: Y / N N/A
 Project Manager's response: _____

Completed By: [Signature] Date: 6/24/16

NO. 731741

NON-HAZARDOUS WASTE DATA FORM

BESI # 277160

Generator's Name and Mailing Address: L.A.U.S.D. - OEHS, 333 S. BEAUDRY AVE., 21ST FLOOR, LOS ANGELES, CA 90017
 Generator's Site Address (if different than mailing address): LAUSD - THOMAS JEFFERSON HIGH SCHOOL, 1319 E. 41ST ST., LOS ANGELES, CA 90011

Generator's Phone: 213-241-3100

Container type removed from site: Drums Vacuum Truck Roll-off Truck Dump Truck
 Container type transported to receiving facility: Drums Vacuum Truck Roll-off Truck Dump Truck

Quantity: 1
 Quantity: _____ Volume: _____

WASTE DESCRIPTION: NON-HAZARDOUS WASTE LIQUIDS
 GENERATING PROCESS: DECON WATER

| COMPONENTS OF WASTE | | | PPM | % | COMPONENTS OF WASTE | | | PPM | % |
|---------------------|-------|--|-----|---------|---------------------|--------|--|-----|------|
| 1. | WATER | | | 95-100% | 3. | SOLIDS | | | 0-5% |
| 2. | TPH | | | < 1% | 4. | | | | |

Waste Profile: _____ PROPERTIES: pH 4-10 SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: _____

Generator Printed/Typed Name: _____ Signature: _____ Month: 1 Day: 25 Year: 17

The Generator certifies that the waste as described is 100% non-hazardous

Transporter 1 Company Name: BELSHIRE Phone#: 949-480-5200

Transporter 1 Printed/Typed Name: Jorge Villalpando Signature: _____ Month: 1 Day: 25 Year: 17

Transporter 2 Company Name: NIETO & SONS TRUCKING, INC. Phone#: 714-980-6855

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

Transporter Acknowledgment of Receipt of Materials

Designated Facility Name and Site Address: DEMENNO KERDOON, 2000 N. ALAMEDA ST., COMPTON, CA 90222
 Phone#: 310-637-7100

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

GENERATOR

TRANSPORTER

RECEIVING FACILITY

Manifest

SOIL SAFE OF CA - TPST Non-Hazardous Soils

↓ Manifest # ↓

| | | | | | |
|--------------------------|--------------------------|--------------------|--------------------|------------------|--------|
| Date of Shipment: / / | Responsible for Payment: | Transport Truck #: | Facility #: A07 | Approval Number: | Load # |
|--------------------------|--------------------------|--------------------|--------------------|------------------|--------|

| | | |
|--|--------------------------------------|-------------------------|
| Generator's Name and Billing Address: L.A.U.S.D. - OEHS 333 S. BEAUDRY AVE., 21ST FLOOR LOS ANGELES, CA 90017 | Generator's Phone #: 213-241-3199 | |
| | Person to Contact: | |
| | FAX#: | Customer Account Number |

| | | |
|--|-----------------------|-------------------------|
| Consultant's Name and Billing Address: | Consultant's Phone #: | |
| | Person to Contact: | |
| | FAX#: | Customer Account Number |

| | | |
|---|--------------------|--|
| Generation Site (Transport from): (name & address) LAUSD - THOMAS JEFFERSON HIGH SCHOOL 1319 E. 41ST ST. LOS ANGELES, CA 90011 | Site Phone #: | |
| | Person to Contact: | |
| | FAX#: | |

| | | |
|--|-------------------------------------|--|
| Designated Facility (Transport to): (name & address) SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301 | Facility Phone #: (800) 862-8001 | |
| | Person to Contact: JOE PROVANSAL | |
| | FAX#: (760) 248-8004 | |

| | | |
|---|--|-------------------------|
| Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 277160 | Transporter's Phone #: 949-480-5200 | CAR000183913 |
| | Person to Contact: LARRY MOOTHART | 450847 |
| | FAX#: 949-480-5210 | Customer Account Number |

| Description of Soil | Moisture Content | Contaminated by: | Approx. Qty: | Description of Delivery | Gross Weight | Tare Weight | Net Weight |
|--|--|---|--------------|-------------------------|--------------|-------------|------------|
| Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/> | 0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/> | Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/> | 5 DM | Soil | | | |
| Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/> | 0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/> | Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/> | | | | | |

List any exception to items listed above: _____ Scale Ticket # _____

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

| | | |
|---|---------------------|----------------|
| Print or Type Name: Generator <input type="checkbox"/> Consultant <input checked="" type="checkbox"/> | Signature and date: | Month Day Year |
| LAUSD | [Signature] | 1 25 17 |

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

| | | |
|---------------------|---------------------|----------------|
| Print or Type Name: | Signature and date: | Month Day Year |
| Jorge Villalpando | [Signature] | 1 25 17 |

Discrepancies: _____

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

| | |
|---------------------|---------------------|
| Print or Type Name: | Signature and date: |
| J. PROVANSAL | [Signature] |

Please print or type.

Generator and/or Consultant

Transporter

Recycling Facility

Appendix F

95% UCL Calculation Worksheets

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|--|---|-------------------------------|--------|---|---|---|---|---|-------|---|---|
| 1 | UCL Statistics for Uncensored Full Data Sets | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | User Selected Options | | | | | | | | | | | |
| 4 | Date/Time of Computation | | ProUCL 5.12/6/2017 5:32:33 PM | | | | | | | | | |
| 5 | From File | | WorkSheet.xls | | | | | | | | | |
| 6 | Full Precision | | OFF | | | | | | | | | |
| 7 | Confidence Coefficient | | 95% | | | | | | | | | |
| 8 | Number of Bootstrap Operations | | 2000 | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | PB Pre | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | General Statistics | | | | | | | | | | | |
| 14 | Total Number of Observations | | | 382 | | | Number of Distinct Observations | | | 333 | | |
| 15 | | | | | | | Number of Missing Observations | | | 26 | | |
| 16 | Minimum | | | 0.55 | | | Mean | | | 62.83 | | |
| 17 | Maximum | | | 848 | | | Median | | | 39.9 | | |
| 18 | SD | | | 83.29 | | | Std. Error of Mean | | | 4.261 | | |
| 19 | Coefficient of Variation | | | 1.326 | | | Skewness | | | 4.437 | | |
| 20 | | | | | | | | | | | | |
| 21 | Normal GOF Test | | | | | | | | | | | |
| 22 | Shapiro Wilk Test Statistic | | | 0.642 | | | Shapiro Wilk GOF Test | | | | | |
| 23 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Normal at 5% Significance Level | | | | | |
| 24 | Lilliefors Test Statistic | | | 0.227 | | | Lilliefors GOF Test | | | | | |
| 25 | 5% Lilliefors Critical Value | | | 0.0457 | | | Data Not Normal at 5% Significance Level | | | | | |
| 26 | Data Not Normal at 5% Significance Level | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | Assuming Normal Distribution | | | | | | | | | | | |
| 29 | 95% Normal UCL | | | | | | 95% UCLs (Adjusted for Skewness) | | | | | |
| 30 | 95% Student's-t UCL | | | 69.86 | | | 95% Adjusted-CLT UCL (Chen-1995) | | | 70.88 | | |
| 31 | | | | | | | 95% Modified-t UCL (Johnson-1978) | | | 70.02 | | |
| 32 | | | | | | | | | | | | |
| 33 | Gamma GOF Test | | | | | | | | | | | |
| 34 | A-D Test Statistic | | | 1.716 | | | Anderson-Darling Gamma GOF Test | | | | | |
| 35 | 5% A-D Critical Value | | | 0.794 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 36 | K-S Test Statistic | | | 0.0525 | | | Kolmogorov-Smirnov Gamma GOF Test | | | | | |
| 37 | 5% K-S Critical Value | | | 0.0481 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 38 | Data Not Gamma Distributed at 5% Significance Level | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | Gamma Statistics | | | | | | | | | | | |
| 41 | k hat (MLE) | | | 0.826 | | | k star (bias corrected MLE) | | | 0.822 | | |
| 42 | Theta hat (MLE) | | | 76.03 | | | Theta star (bias corrected MLE) | | | 76.47 | | |
| 43 | nu hat (MLE) | | | 631.4 | | | nu star (bias corrected) | | | 627.7 | | |
| 44 | MLE Mean (bias corrected) | | | 62.83 | | | MLE Sd (bias corrected) | | | 69.32 | | |
| 45 | | | | | | | Approximate Chi Square Value (0.05) | | | 570.6 | | |
| 46 | Adjusted Level of Significance | | | 0.0494 | | | Adjusted Chi Square Value | | | 570.4 | | |
| 47 | | | | | | | | | | | | |
| 48 | Assuming Gamma Distribution | | | | | | | | | | | |
| 49 | 95% Approximate Gamma UCL (use when n>=50)) | | | 69.12 | | | 95% Adjusted Gamma UCL (use when n<50) | | | 69.15 | | |
| 50 | | | | | | | | | | | | |
| 51 | Lognormal GOF Test | | | | | | | | | | | |
| 52 | Shapiro Wilk Test Statistic | | | 0.925 | | | Shapiro Wilk Lognormal GOF Test | | | | | |
| 53 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Lognormal at 5% Significance Level | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|---|-------------------------------|---|--------|---|---|---|------------------------------|---|-------|
| 54 | | | | Lilliefors Test Statistic | | 0.111 | | Lilliefors Lognormal GOF Test | | | | |
| 55 | | | | 5% Lilliefors Critical Value | | 0.0457 | | Data Not Lognormal at 5% Significance Level | | | | |
| 56 | Data Not Lognormal at 5% Significance Level | | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | Lognormal Statistics | | | | | | | | | | | |
| 59 | | | | Minimum of Logged Data | | -0.598 | | | | Mean of logged Data | | 3.425 |
| 60 | | | | Maximum of Logged Data | | 6.743 | | | | SD of logged Data | | 1.401 |
| 61 | | | | | | | | | | | | |
| 62 | Assuming Lognormal Distribution | | | | | | | | | | | |
| 63 | | | | 95% H-UCL | | 98.03 | | | | 90% Chebyshev (MVUE) UCL | | 106 |
| 64 | | | | 95% Chebyshev (MVUE) UCL | | 117 | | | | 97.5% Chebyshev (MVUE) UCL | | 132.4 |
| 65 | | | | 99% Chebyshev (MVUE) UCL | | 162.5 | | | | | | |
| 66 | | | | | | | | | | | | |
| 67 | Nonparametric Distribution Free UCL Statistics | | | | | | | | | | | |
| 68 | Data do not follow a Discernible Distribution (0.05) | | | | | | | | | | | |
| 69 | | | | | | | | | | | | |
| 70 | Nonparametric Distribution Free UCLs | | | | | | | | | | | |
| 71 | | | | 95% CLT UCL | | 69.84 | | | | 95% Jackknife UCL | | 69.86 |
| 72 | | | | 95% Standard Bootstrap UCL | | 69.85 | | | | 95% Bootstrap-t UCL | | 70.7 |
| 73 | | | | 95% Hall's Bootstrap UCL | | 70.86 | | | | 95% Percentile Bootstrap UCL | | 70.56 |
| 74 | | | | 95% BCA Bootstrap UCL | | 71.3 | | | | | | |
| 75 | | | | 90% Chebyshev(Mean, Sd) UCL | | 75.62 | | | | 95% Chebyshev(Mean, Sd) UCL | | 81.41 |
| 76 | | | | 97.5% Chebyshev(Mean, Sd) UCL | | 89.44 | | | | 99% Chebyshev(Mean, Sd) UCL | | 105.2 |
| 77 | | | | | | | | | | | | |
| 78 | Suggested UCL to Use | | | | | | | | | | | |
| 79 | | | | 95% Chebyshev (Mean, Sd) UCL | | 81.41 | | | | | | |
| 80 | | | | | | | | | | | | |
| 81 | Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. | | | | | | | | | | | |
| 82 | Recommendations are based upon data size, data distribution, and skewness. | | | | | | | | | | | |
| 83 | These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). | | | | | | | | | | | |
| 84 | However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician. | | | | | | | | | | | |
| 85 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|--|---|-------------------------------|--------|---|---|---|---|---|-------|---|---|
| 1 | UCL Statistics for Uncensored Full Data Sets | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | User Selected Options | | | | | | | | | | | |
| 4 | Date/Time of Computation | | ProUCL 5.12/6/2017 5:33:42 PM | | | | | | | | | |
| 5 | From File | | WorkSheet.xls | | | | | | | | | |
| 6 | Full Precision | | OFF | | | | | | | | | |
| 7 | Confidence Coefficient | | 95% | | | | | | | | | |
| 8 | Number of Bootstrap Operations | | 2000 | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | PB Post | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | General Statistics | | | | | | | | | | | |
| 14 | Total Number of Observations | | | 289 | | | Number of Distinct Observations | | | 254 | | |
| 15 | | | | | | | Number of Missing Observations | | | 0 | | |
| 16 | Minimum | | | 0.39 | | | Mean | | | 30.54 | | |
| 17 | Maximum | | | 79.1 | | | Median | | | 27.7 | | |
| 18 | SD | | | 22.24 | | | Std. Error of Mean | | | 1.308 | | |
| 19 | Coefficient of Variation | | | 0.728 | | | Skewness | | | 0.351 | | |
| 20 | | | | | | | | | | | | |
| 21 | Normal GOF Test | | | | | | | | | | | |
| 22 | Shapiro Wilk Test Statistic | | | 0.915 | | | Shapiro Wilk GOF Test | | | | | |
| 23 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Normal at 5% Significance Level | | | | | |
| 24 | Lilliefors Test Statistic | | | 0.0876 | | | Lilliefors GOF Test | | | | | |
| 25 | 5% Lilliefors Critical Value | | | 0.0525 | | | Data Not Normal at 5% Significance Level | | | | | |
| 26 | Data Not Normal at 5% Significance Level | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | Assuming Normal Distribution | | | | | | | | | | | |
| 29 | 95% Normal UCL | | | | | | 95% UCLs (Adjusted for Skewness) | | | | | |
| 30 | 95% Student's-t UCL | | | 32.7 | | | 95% Adjusted-CLT UCL (Chen-1995) | | | 32.72 | | |
| 31 | | | | | | | 95% Modified-t UCL (Johnson-1978) | | | 32.7 | | |
| 32 | | | | | | | | | | | | |
| 33 | Gamma GOF Test | | | | | | | | | | | |
| 34 | A-D Test Statistic | | | 7.176 | | | Anderson-Darling Gamma GOF Test | | | | | |
| 35 | 5% A-D Critical Value | | | 0.781 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 36 | K-S Test Statistic | | | 0.105 | | | Kolmogorov-Smirnov Gamma GOF Test | | | | | |
| 37 | 5% K-S Critical Value | | | 0.0548 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 38 | Data Not Gamma Distributed at 5% Significance Level | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | Gamma Statistics | | | | | | | | | | | |
| 41 | k hat (MLE) | | | 1.133 | | | k star (bias corrected MLE) | | | 1.124 | | |
| 42 | Theta hat (MLE) | | | 26.95 | | | Theta star (bias corrected MLE) | | | 27.18 | | |
| 43 | nu hat (MLE) | | | 654.9 | | | nu star (bias corrected) | | | 649.4 | | |
| 44 | MLE Mean (bias corrected) | | | 30.54 | | | MLE Sd (bias corrected) | | | 28.81 | | |
| 45 | | | | | | | Approximate Chi Square Value (0.05) | | | 591.3 | | |
| 46 | Adjusted Level of Significance | | | 0.0492 | | | Adjusted Chi Square Value | | | 591 | | |
| 47 | | | | | | | | | | | | |
| 48 | Assuming Gamma Distribution | | | | | | | | | | | |
| 49 | 95% Approximate Gamma UCL (use when n>=50)) | | | 33.54 | | | 95% Adjusted Gamma UCL (use when n<50) | | | 33.55 | | |
| 50 | | | | | | | | | | | | |
| 51 | Lognormal GOF Test | | | | | | | | | | | |
| 52 | Shapiro Wilk Test Statistic | | | 0.845 | | | Shapiro Wilk Lognormal GOF Test | | | | | |
| 53 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Lognormal at 5% Significance Level | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|---|-------------------------------|---|--------|---|---|---|------------------------------|---|-------|
| 54 | | | | Lilliefors Test Statistic | | 0.168 | | Lilliefors Lognormal GOF Test | | | | |
| 55 | | | | 5% Lilliefors Critical Value | | 0.0525 | | Data Not Lognormal at 5% Significance Level | | | | |
| 56 | Data Not Lognormal at 5% Significance Level | | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | Lognormal Statistics | | | | | | | | | | | |
| 59 | | | | Minimum of Logged Data | | -0.942 | | | | Mean of logged Data | | 2.917 |
| 60 | | | | Maximum of Logged Data | | 4.371 | | | | SD of logged Data | | 1.257 |
| 61 | | | | | | | | | | | | |
| 62 | Assuming Lognormal Distribution | | | | | | | | | | | |
| 63 | | | | 95% H-UCL | | 48.48 | | | | 90% Chebyshev (MVUE) UCL | | 52.37 |
| 64 | | | | 95% Chebyshev (MVUE) UCL | | 57.75 | | | | 97.5% Chebyshev (MVUE) UCL | | 65.21 |
| 65 | | | | 99% Chebyshev (MVUE) UCL | | 79.87 | | | | | | |
| 66 | | | | | | | | | | | | |
| 67 | Nonparametric Distribution Free UCL Statistics | | | | | | | | | | | |
| 68 | Data do not follow a Discernible Distribution (0.05) | | | | | | | | | | | |
| 69 | | | | | | | | | | | | |
| 70 | Nonparametric Distribution Free UCLs | | | | | | | | | | | |
| 71 | | | | 95% CLT UCL | | 32.69 | | | | 95% Jackknife UCL | | 32.7 |
| 72 | | | | 95% Standard Bootstrap UCL | | 32.68 | | | | 95% Bootstrap-t UCL | | 32.69 |
| 73 | | | | 95% Hall's Bootstrap UCL | | 32.62 | | | | 95% Percentile Bootstrap UCL | | 32.75 |
| 74 | | | | 95% BCA Bootstrap UCL | | 32.8 | | | | | | |
| 75 | | | | 90% Chebyshev(Mean, Sd) UCL | | 34.46 | | | | 95% Chebyshev(Mean, Sd) UCL | | 36.24 |
| 76 | | | | 97.5% Chebyshev(Mean, Sd) UCL | | 38.71 | | | | 99% Chebyshev(Mean, Sd) UCL | | 43.55 |
| 77 | | | | | | | | | | | | |
| 78 | Suggested UCL to Use | | | | | | | | | | | |
| 79 | | | | 95% Chebyshev (Mean, Sd) UCL | | 36.24 | | | | | | |
| 80 | | | | | | | | | | | | |
| 81 | Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. | | | | | | | | | | | |
| 82 | Recommendations are based upon data size, data distribution, and skewness. | | | | | | | | | | | |
| 83 | These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). | | | | | | | | | | | |
| 84 | However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician. | | | | | | | | | | | |
| 85 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|-------------------------------|---------|---|---|---|---|---|-------|---|---|
| 1 | UCL Statistics for Uncensored Full Data Sets | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | User Selected Options | | | | | | | | | | | |
| 4 | Date/Time of Computation | | ProUCL 5.12/6/2017 5:34:32 PM | | | | | | | | | |
| 5 | From File | | WorkSheet.xls | | | | | | | | | |
| 6 | Full Precision | | OFF | | | | | | | | | |
| 7 | Confidence Coefficient | | 95% | | | | | | | | | |
| 8 | Number of Bootstrap Operations | | 2000 | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | As Pre | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | General Statistics | | | | | | | | | | | |
| 14 | Total Number of Observations | | | 137 | | | Number of Distinct Observations | | | 126 | | |
| 15 | | | | | | | Number of Missing Observations | | | 271 | | |
| 16 | Minimum | | | 0.83 | | | Mean | | | 5.018 | | |
| 17 | Maximum | | | 21.1 | | | Median | | | 3.6 | | |
| 18 | SD | | | 4.121 | | | Std. Error of Mean | | | 0.352 | | |
| 19 | Coefficient of Variation | | | 0.821 | | | Skewness | | | 1.968 | | |
| 20 | | | | | | | | | | | | |
| 21 | Normal GOF Test | | | | | | | | | | | |
| 22 | Shapiro Wilk Test Statistic | | | 0.762 | | | Shapiro Wilk GOF Test | | | | | |
| 23 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Normal at 5% Significance Level | | | | | |
| 24 | Lilliefors Test Statistic | | | 0.21 | | | Lilliefors GOF Test | | | | | |
| 25 | 5% Lilliefors Critical Value | | | 0.0761 | | | Data Not Normal at 5% Significance Level | | | | | |
| 26 | Data Not Normal at 5% Significance Level | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | Assuming Normal Distribution | | | | | | | | | | | |
| 29 | 95% Normal UCL | | | | | | 95% UCLs (Adjusted for Skewness) | | | | | |
| 30 | 95% Student's-t UCL | | | 5.601 | | | 95% Adjusted-CLT UCL (Chen-1995) | | | 5.66 | | |
| 31 | | | | | | | 95% Modified-t UCL (Johnson-1978) | | | 5.611 | | |
| 32 | | | | | | | | | | | | |
| 33 | Gamma GOF Test | | | | | | | | | | | |
| 34 | A-D Test Statistic | | | 3.33 | | | Anderson-Darling Gamma GOF Test | | | | | |
| 35 | 5% A-D Critical Value | | | 0.765 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 36 | K-S Test Statistic | | | 0.126 | | | Kolmogorov-Smirnov Gamma GOF Test | | | | | |
| 37 | 5% K-S Critical Value | | | 0.0809 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 38 | Data Not Gamma Distributed at 5% Significance Level | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | Gamma Statistics | | | | | | | | | | | |
| 41 | k hat (MLE) | | | 2.131 | | | k star (bias corrected MLE) | | | 2.089 | | |
| 42 | Theta hat (MLE) | | | 2.355 | | | Theta star (bias corrected MLE) | | | 2.402 | | |
| 43 | nu hat (MLE) | | | 583.8 | | | nu star (bias corrected) | | | 572.3 | | |
| 44 | MLE Mean (bias corrected) | | | 5.018 | | | MLE Sd (bias corrected) | | | 3.472 | | |
| 45 | | | | | | | Approximate Chi Square Value (0.05) | | | 517.8 | | |
| 46 | Adjusted Level of Significance | | | 0.0482 | | | Adjusted Chi Square Value | | | 517.3 | | |
| 47 | | | | | | | | | | | | |
| 48 | Assuming Gamma Distribution | | | | | | | | | | | |
| 49 | 95% Approximate Gamma UCL (use when n>=50) | | | 5.546 | | | 95% Adjusted Gamma UCL (use when n<50) | | | 5.551 | | |
| 50 | | | | | | | | | | | | |
| 51 | Lognormal GOF Test | | | | | | | | | | | |
| 52 | Shapiro Wilk Test Statistic | | | 0.962 | | | Shapiro Wilk Lognormal GOF Test | | | | | |
| 53 | 5% Shapiro Wilk P Value | | | 0.00802 | | | Data Not Lognormal at 5% Significance Level | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|---|-------------------------------|---|--------|---|---|---|------------------------------|---|-------|
| 54 | | | | Lilliefors Test Statistic | | 0.0795 | | Lilliefors Lognormal GOF Test | | | | |
| 55 | | | | 5% Lilliefors Critical Value | | 0.0761 | | Data Not Lognormal at 5% Significance Level | | | | |
| 56 | Data Not Lognormal at 5% Significance Level | | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | Lognormal Statistics | | | | | | | | | | | |
| 59 | | | | Minimum of Logged Data | | -0.186 | | | | Mean of logged Data | | 1.36 |
| 60 | | | | Maximum of Logged Data | | 3.049 | | | | SD of logged Data | | 0.686 |
| 61 | | | | | | | | | | | | |
| 62 | Assuming Lognormal Distribution | | | | | | | | | | | |
| 63 | | | | 95% H-UCL | | 5.531 | | | | 90% Chebyshev (MVUE) UCL | | 5.878 |
| 64 | | | | 95% Chebyshev (MVUE) UCL | | 6.311 | | | | 97.5% Chebyshev (MVUE) UCL | | 6.912 |
| 65 | | | | 99% Chebyshev (MVUE) UCL | | 8.092 | | | | | | |
| 66 | | | | | | | | | | | | |
| 67 | Nonparametric Distribution Free UCL Statistics | | | | | | | | | | | |
| 68 | Data do not follow a Discernible Distribution (0.05) | | | | | | | | | | | |
| 69 | | | | | | | | | | | | |
| 70 | Nonparametric Distribution Free UCLs | | | | | | | | | | | |
| 71 | | | | 95% CLT UCL | | 5.597 | | | | 95% Jackknife UCL | | 5.601 |
| 72 | | | | 95% Standard Bootstrap UCL | | 5.592 | | | | 95% Bootstrap-t UCL | | 5.707 |
| 73 | | | | 95% Hall's Bootstrap UCL | | 5.703 | | | | 95% Percentile Bootstrap UCL | | 5.619 |
| 74 | | | | 95% BCA Bootstrap UCL | | 5.693 | | | | | | |
| 75 | | | | 90% Chebyshev(Mean, Sd) UCL | | 6.074 | | | | 95% Chebyshev(Mean, Sd) UCL | | 6.552 |
| 76 | | | | 97.5% Chebyshev(Mean, Sd) UCL | | 7.216 | | | | 99% Chebyshev(Mean, Sd) UCL | | 8.521 |
| 77 | | | | | | | | | | | | |
| 78 | Suggested UCL to Use | | | | | | | | | | | |
| 79 | | | | 95% Chebyshev (Mean, Sd) UCL | | 6.552 | | | | | | |
| 80 | | | | | | | | | | | | |
| 81 | Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. | | | | | | | | | | | |
| 82 | Recommendations are based upon data size, data distribution, and skewness. | | | | | | | | | | | |
| 83 | These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). | | | | | | | | | | | |
| 84 | However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician. | | | | | | | | | | | |
| 85 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|-------------------------------|--------|---|---|---|---|---|-------|---|---|
| 1 | UCL Statistics for Uncensored Full Data Sets | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | User Selected Options | | | | | | | | | | | |
| 4 | Date/Time of Computation | | ProUCL 5.12/6/2017 5:35:12 PM | | | | | | | | | |
| 5 | From File | | WorkSheet.xls | | | | | | | | | |
| 6 | Full Precision | | OFF | | | | | | | | | |
| 7 | Confidence Coefficient | | 95% | | | | | | | | | |
| 8 | Number of Bootstrap Operations | | 2000 | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | AS Post | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | General Statistics | | | | | | | | | | | |
| 14 | Total Number of Observations | | | 127 | | | Number of Distinct Observations | | | 116 | | |
| 15 | | | | | | | Number of Missing Observations | | | 0 | | |
| 16 | Minimum | | | 0.83 | | | Mean | | | 4.12 | | |
| 17 | Maximum | | | 11.6 | | | Median | | | 3.45 | | |
| 18 | SD | | | 2.549 | | | Std. Error of Mean | | | 0.226 | | |
| 19 | Coefficient of Variation | | | 0.619 | | | Skewness | | | 1.374 | | |
| 20 | | | | | | | | | | | | |
| 21 | Normal GOF Test | | | | | | | | | | | |
| 22 | Shapiro Wilk Test Statistic | | | 0.841 | | | Shapiro Wilk GOF Test | | | | | |
| 23 | 5% Shapiro Wilk P Value | | | 0 | | | Data Not Normal at 5% Significance Level | | | | | |
| 24 | Lilliefors Test Statistic | | | 0.159 | | | Lilliefors GOF Test | | | | | |
| 25 | 5% Lilliefors Critical Value | | | 0.079 | | | Data Not Normal at 5% Significance Level | | | | | |
| 26 | Data Not Normal at 5% Significance Level | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | Assuming Normal Distribution | | | | | | | | | | | |
| 29 | 95% Normal UCL | | | | | | 95% UCLs (Adjusted for Skewness) | | | | | |
| 30 | 95% Student's-t UCL | | | 4.495 | | | 95% Adjusted-CLT UCL (Chen-1995) | | | 4.521 | | |
| 31 | | | | | | | 95% Modified-t UCL (Johnson-1978) | | | 4.499 | | |
| 32 | | | | | | | | | | | | |
| 33 | Gamma GOF Test | | | | | | | | | | | |
| 34 | A-D Test Statistic | | | 1.414 | | | Anderson-Darling Gamma GOF Test | | | | | |
| 35 | 5% A-D Critical Value | | | 0.759 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 36 | K-S Test Statistic | | | 0.0892 | | | Kolmogorov-Smirnov Gamma GOF Test | | | | | |
| 37 | 5% K-S Critical Value | | | 0.083 | | | Data Not Gamma Distributed at 5% Significance Level | | | | | |
| 38 | Data Not Gamma Distributed at 5% Significance Level | | | | | | | | | | | |
| 39 | | | | | | | | | | | | |
| 40 | Gamma Statistics | | | | | | | | | | | |
| 41 | k hat (MLE) | | | 3.142 | | | k star (bias corrected MLE) | | | 3.073 | | |
| 42 | Theta hat (MLE) | | | 1.311 | | | Theta star (bias corrected MLE) | | | 1.341 | | |
| 43 | nu hat (MLE) | | | 798.1 | | | nu star (bias corrected) | | | 780.6 | | |
| 44 | MLE Mean (bias corrected) | | | 4.12 | | | MLE Sd (bias corrected) | | | 2.35 | | |
| 45 | | | | | | | Approximate Chi Square Value (0.05) | | | 716.7 | | |
| 46 | Adjusted Level of Significance | | | 0.0481 | | | Adjusted Chi Square Value | | | 716 | | |
| 47 | | | | | | | | | | | | |
| 48 | Assuming Gamma Distribution | | | | | | | | | | | |
| 49 | 95% Approximate Gamma UCL (use when n>=50) | | | 4.487 | | | 95% Adjusted Gamma UCL (use when n<50) | | | 4.491 | | |
| 50 | | | | | | | | | | | | |
| 51 | Lognormal GOF Test | | | | | | | | | | | |
| 52 | Shapiro Wilk Test Statistic | | | 0.97 | | | Shapiro Wilk Lognormal GOF Test | | | | | |
| 53 | 5% Shapiro Wilk P Value | | | 0.0885 | | | Data appear Lognormal at 5% Significance Level | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|---|---|---|-------------------------------|---|--------|---|--|---|---|---|-------|
| 54 | | | | Lilliefors Test Statistic | | 0.0501 | | Lilliefors Lognormal GOF Test | | | | |
| 55 | | | | 5% Lilliefors Critical Value | | 0.079 | | Data appear Lognormal at 5% Significance Level | | | | |
| 56 | Data appear Lognormal at 5% Significance Level | | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | Lognormal Statistics | | | | | | | | | | | |
| 59 | | | | Minimum of Logged Data | | -0.186 | | Mean of logged Data | | | | 1.248 |
| 60 | | | | Maximum of Logged Data | | 2.451 | | SD of logged Data | | | | 0.577 |
| 61 | | | | | | | | | | | | |
| 62 | Assuming Lognormal Distribution | | | | | | | | | | | |
| 63 | | | | 95% H-UCL | | 4.53 | | 90% Chebyshev (MVUE) UCL | | | | 4.787 |
| 64 | | | | 95% Chebyshev (MVUE) UCL | | 5.094 | | 97.5% Chebyshev (MVUE) UCL | | | | 5.521 |
| 65 | | | | 99% Chebyshev (MVUE) UCL | | 6.358 | | | | | | |
| 66 | | | | | | | | | | | | |
| 67 | Nonparametric Distribution Free UCL Statistics | | | | | | | | | | | |
| 68 | Data appear to follow a Discernible Distribution at 5% Significance Level | | | | | | | | | | | |
| 69 | | | | | | | | | | | | |
| 70 | Nonparametric Distribution Free UCLs | | | | | | | | | | | |
| 71 | | | | 95% CLT UCL | | 4.492 | | 95% Jackknife UCL | | | | 4.495 |
| 72 | | | | 95% Standard Bootstrap UCL | | 4.494 | | 95% Bootstrap-t UCL | | | | 4.51 |
| 73 | | | | 95% Hall's Bootstrap UCL | | 4.515 | | 95% Percentile Bootstrap UCL | | | | 4.512 |
| 74 | | | | 95% BCA Bootstrap UCL | | 4.508 | | | | | | |
| 75 | | | | 90% Chebyshev(Mean, Sd) UCL | | 4.798 | | 95% Chebyshev(Mean, Sd) UCL | | | | 5.106 |
| 76 | | | | 97.5% Chebyshev(Mean, Sd) UCL | | 5.532 | | 99% Chebyshev(Mean, Sd) UCL | | | | 6.37 |
| 77 | | | | | | | | | | | | |
| 78 | Suggested UCL to Use | | | | | | | | | | | |
| 79 | | | | 95% H-UCL | | 4.53 | | | | | | |
| 80 | | | | | | | | | | | | |
| 81 | Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. | | | | | | | | | | | |
| 82 | Recommendations are based upon data size, data distribution, and skewness. | | | | | | | | | | | |
| 83 | These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006). | | | | | | | | | | | |
| 84 | However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician. | | | | | | | | | | | |
| 85 | | | | | | | | | | | | |
| 86 | ProUCL computes and outputs H-statistic based UCLs for historical reasons only. | | | | | | | | | | | |
| 87 | H-statistic often results in unstable (both high and low) values of UCL95 as shown in examples in the Technical Guide. | | | | | | | | | | | |
| 88 | It is therefore recommended to avoid the use of H-statistic based 95% UCLs. | | | | | | | | | | | |
| 89 | Use of nonparametric methods are preferred to compute UCL95 for skewed data sets which do not follow a gamma distribution. | | | | | | | | | | | |
| 90 | | | | | | | | | | | | |