PRELIMINARY ENVIRONMENTAL ASSESSMENT EQUIVALENT REPORT

Grover Cleveland Charter High School
8140 Vanalden Avenue
Reseda, California 91335

April 24, 2017

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ASSESSMENT EQUIVALENT REPORT

GROVER CLEVELAND CHARTER HIGH SCHOOL
8140 VANALDEN AVENUE
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SOIL ASSESSMENT FOR DEMOLITION AND NEW CONSTRUCTION

OPINION OF ENVIRONMENTAL PROFESSIONAL

Pinnacle Environmental Technologies has prepared this Preliminary Environmental Assessment Equivalent (PEA-E) Report for the above project area. This assessment was conducted using methods and professional experience consistent with the standard for the industry. The observations, interpretations and recommendations produced by this assessment are based on conditions that exist at the time the study is conducted. These interpretations are based upon Pinnacle's field observations, analytical results and specific field conditions.

Potential Recognized Environmental Conditions were identified at Grover Cleveland Charter High School by the original Phase I Environmental Site Assessment. This subsequent PEA-E revealed no additional evidence of specific recognized environmental conditions in connection with the project site. Based on the results of this assessment, no additional environmental investigation or mitigation is recommended at this time.

PINNACLE ENVIRONMENTAL TECHNOLOGIES

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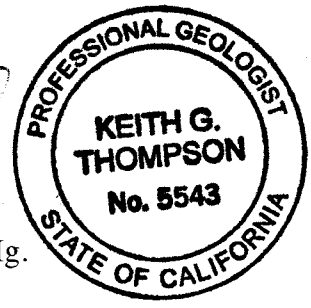

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APPENDICES

LIST OF ACRONYMS

ABBREVIATION	DESCRIPTION
%	percent
A-P Zone	Alquist-Priolo Fault Rupture Hazard Zone
AOC	Area of Concern
APN	Assessors Parcel Number
bgs	below ground surface
Blaine	Blaine Environmental Services
Cal EMA	California Emergency Management Agency
CDMG	California Department of Mines and Geology
CHHSL	California Human Health Screening Level
COC	Chain of Custody
COPC	Contaminant of Potential Concern
CSM	Conceptual Site Model
DigAlert	Underground Services Alert of California
DTSC	Department of Toxic Substances Control
EEC	Early Education Center
EHD	Environmental Health Decisions
EPA	United States Environmental Protection Agency
ERA	Ecological Risk Assessment
ESA	Environmental Site Assessment
ESE	Ecological Screening Evaluations
ESNR	Environmentally Sensitive Natural Resources
HERO	DTSC Office of Human and Ecological Risk
HHRA	Human Health Risk Assessment
HHSE	Human Health Screening Evaluation
kV	kilovolts
LADWP	City of Los Angeles Department of Water and Power
LADPW	City of Los Angeles Department of Public Works
LAUSD	Los Angeles Unified School District
LBP	lead-based paint
MC&TC	Miller Career and Transition Center
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
ml/min	milliliters per minute
MPR	Multi-purpose Room
MSL	mean sea level
O.D.	Outside diameter
OCP	Organochlorine Persticide
OEHS	Office of Environmental Health and Safety
OWTS	On-Site Wastewater Treatment Systems

PCBs	Polychlorinated Biphenyls
PEA-E	Preliminary Environmental Assessment Equivalent
ppbv	Parts per billion by volume
REC	Recognized Environmental Condition
ROW	right-of-way
RL	laboratory reporting limit
RSL	Regional Screening Level
SCE	Southern California Edison
SCG	Southern California Gas
STLC	Soluble Threshold Limit Concentration
Strongarm	Strongarm Environmental Field Services
SunStar	SunStar Laboratories
TCE	Trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TTLC	Total Threshold Limit Concentration
UCL	upper confidence level
μg/kg	micrograms per kilogram
$\mu g/m^3$	micrograms per cubic meter
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

This report summarizes the field procedures and observations, laboratory analytical procedures and results, and conclusions of a Preliminary Environmental Assessment Equivalent (PEA-E) completed by Pinnacle Environmental Technologies (Pinnacle) of a portion of Grover Cleveland Charter High School in Reseda, California (the project area). The PEA-E was performed as a preliminary task for the intended modernization program at the school.

Based on historical and current land use data collected during a previous Phase I Environmental Site Assessment (ESA), lead, arsenic and organochlorine pesticides (OCPs) were identified as primary chemicals of potential concern (COPCs) for subsequent assessment within the project area. Total Petroleum Hydrocarbons (TPH), Volatile Organic Compounds (VOCs) and Polychlorinated Biphenyls (PCBs) were identified as secondary COPCs and were also assessed within the project area. Two stages of soil sample collection were completed during this PEA-E. Stage II sampling consisted of step-out borings intended to assess the lateral extent of COPCs identified in Stage I borings.

The project area was separated into five Areas of Concern (AOCs) to assist in selecting sample locations and sample analyses. The following number of Stage I and Stage II borings were advanced in each AOC:

- AOC-1 – 11 Stage I and 1 Stage II borings
- AOC-2 – 31 Stage I and 2 Stage II borings
- AOC-3 – 24 Stage I and 6 Stage II borings
- AOC-4 – 7 Stage I and no Stage II borings
- AOC-5 – 3 Stage I and no Stage II borings

Eight-five soil borings were advanced by hand auger to a planned target depth of 2.5 feet below ground surface (bgs). Seventy-five of the 76 Stage I borings reached the target depth. Auger refusal occurred in Boring B56 at a depth of 0.8 feet bgs. Each of the nine Stage II borings reached the target depth of 2.5 feet bgs. All of the borings reached an adequate depth to delineate vertical extent of the COPCs. A total of 255 soil samples were collected from the soil borings at depths ranging from 0.5 to 2.5 feet bgs. Saturated conditions were not encountered in any of the boreholes, so no groundwater grab samples were collected.

Eighteen of the 80 soil samples analyzed for arsenic had reportable levels of arsenic at concentrations ranging from 4.6 to 65 mg/kg. Two borings (PB-7 and PB-58) reported

arsenic at concentrations exceeding the LAUSD screening level of 12 mg/kg. These arsenic concentrations did not continue to depths greater than 1.5 to 2.5 feet bgs. The highest arsenic concentrations were not confined to a particular soil type or location within the project area and do not define a larger area of impacted soil. The cumulative Stage I and Stage II analytical data has a 95% UCL value for arsenic of 8.59 mg/kg, which is well below the state or federal arsenic screening levels used for residential soil.

Eighteen of the 81 soil samples analyzed for lead had reportable levels of lead at concentrations ranging from 12 to 190 mg/kg. The highest lead concentrations were outliers that do not correlate with particular a soil type or project area location. The cumulative Stage I and Stage II analytical data has a 95% UCL value for lead of 26.55 mg/kg, which is well below the state or federal lead screening levels used for residential soil.

Discrete 0.5-foot soil samples from 53 of the 76 Stage I soil borings were analyzed for OCPs. An additional 19 soil samples collected at 0.5 feet from raised planter beds were composited into 8 samples for OCP analysis. OCPs were not detected above laboratory reporting limits in the composite samples. Four of the analyzed discrete samples had one detectable OCP. Two discrete samples, B37-0.5 and B48-0.5, had two detectable OCPs. Alpha-chlordane was detected in three of the shallowest samples (B4-0.5, B31-0.5, and B48-0.5) at a concentrations ranging from 5.6 to 21 μg/kg. Dieldrin was detected in three samples (B7-0.5, B33-0.5, and B37-0.5) at concentrations ranging from of 8.3 to 29 μg/kg. Gamma-chlordane was identified in sample B48-0.5 at a concentration of 13 μg/kg. Endosulfan I was detected in sample B37-0.5 at a concentration of 5.8 μg/kg (Table 3). None of the detectable concentrations of OCPs exceeded their respective applicable screening level. No additional OCP analyses were required to delineate vertical or lateral extent of a particular OCP.

The two 0.5-foot soil samples analyzed for TPH (B7-0.5 and B58-0.5) did not contain detectable concentrations of gasoline-range hydrocarbons. Detectable concentrations of heavier-end TPH in both of these shallow samples were potentially due to asphalt bits incorporated in the soil during sampling.

One sample was collected from a drum of cuttings intended for offsite disposal. The soil sample was analyzed for Full-Scan TPH using EPA Method 8015C, OCPs using EPA Method 8018A, VOCs and fuel oxygenates using EPA Method 8260B and California Code of Regulations, Title 22 CAM-17 Metals (CAM-17 Metals) using EPA Methods 6010B and 7471A. The drum was transported from the project area on January 24, 2017 by Belshire Environmental Services under a non-hazardous waste manifest.

Two pairs of nested soil vapor probes were installed adjacent to an interceptor in AOC-1. Each of the four soil vapor samples collect from the probes was analyzed for VOCs using EPA Method TO-15. One of the four samples had a trichloroethene (TCE) concentration of 620 $\mu g/m^3$, which exceeded the screening level for TCE in residential soil vapor of 480 $\mu g/m^3$. Due to the clayey soils, no odors from the interceptor, and no other detections of TCE in soil vapor within two orders of magnitude of this sample, it was concluded that this one TCE detection did not indicate that a release from the interceptor had occurred.

Imported fill material was not identified at the project area. Near-surface material is assumed to be scarified and graded local clayey material, without depositional evidence and occasionally incorporating evidence of earlier structures.

Pinnacle provides the following recommendations based of the results of this assessment.

- Based on the results of this additional soil sampling and health screening, Pinnacle does not recommend additional investigation for the identified COPCs in soil or soil vapor.

- Pinnacle recommends removal and offsite disposal of soil located at six locations in three of the five AOCs. These include soil boring locations B7, B10, B37, B54, B58 and soil vapor probe location SV2. A surface area four feet square at each location would be adequate to mitigate the soil at depth. The soils at sampling locations B7, B10, B37 and B54 should be removed to a depth of 1.5 feet below the base of the current asphalt or soil surface (if in a planter area). The soils at boring B58 should be removed to a depth of 2.5 feet bgs. The soils at soil vapor probe location SV2 should be removed to a depth of 4 feet to reach beyond the depth of soil vapor collection at that location.

- Using a conservative bulk factor of 140% and density of 2,300 pounds per cubic yard for dry, clayey soils, an estimated 10.4 cubic yards (12 tons) of soil (on surface) will be produced by these six excavations. The soil is expected to be characterized as a California hazardous waste for disposal purposes. The current data set will be suitable for profiling the material.

- Since vertical and lateral extent of each particular COPC has been documented at each location, additional confirmation sampling should not be required after the recommended excavation and removal of soils have been completed from the project area.

1.0 INTRODUCTION

This report documents the scope of work, field procedures and observations, laboratory methods and results, and conclusions of a Preliminary Environmental Assessment - Equivalent (PEA-E) completed by Pinnacle Environmental Technologies (Pinnacle) of portions of the Grover Cleveland Charter High School (the school) in Los Angeles, California (Figure 1). The property occupied by the school is currently owned by the Los Angeles Unified School District (LAUSD) and operates as a high school on a year-round basis. This PEA-E was conducted on behalf of the Office of Environmental Health and Safety (OEHS) at LAUSD.

The purpose of this investigation was to investigate and assess potential impacts to soil (if encountered) on a portion of the school intended for new construction (the project area) at the school. The scope for this PEA-E was defined using potential recognized environmental conditions (RECs) identified and detailed in a Phase I Environmental Site Assessment Report (ESA) prepared by Ninyo & Moore, dated August 16, 2016. The information produced during the course of this investigation will be used by LAUSD for potential site mitigation planning and budgetary purposes.

2.0 SITE DESCRIPTION

2.1 Site Identification Information

Grover Cleveland Charter High School is located at 8140 Vanalden Avenue at the northern margin of the Reseda community of the City of Los Angeles. The Reseda Area of Los Angeles is located approximately 20 miles northwest of downtown Los Angeles.

The Assessor's Parcel Number (APN) for the school is 2104-004-905. The latitude and longitude for the approximate center of the school and the project area as shown on Figure 1 and Figure 2 are as follows:

Latitude - North 34.217834 degrees
Longitude - West 118.547458 degrees

The legal information for the school is as follows:

Tract No. – TR 21098
Map Reference – M B 619 91/92
Block – None
Lot – 1
Map Sheets – 189B121, 192B121

Grover Cleveland Charter High School occupies the majority of a roughly rectangular, residential city block (Figure 1). The block is bounded by Cantara Street to the north, Starthern Street to the south, Aliso Canyon Wash and Wilbur Avenue to the east, and Vanalden Avenue to the west. This block occupies approximately 37 acres (1,611,720 square feet). Two other school facilities operate on, or adjacent to, the same block. The Miller Career and Transition Center (MC&TC) is located at the north end of the block. The Cleveland Early Education Center (Cleveland EEC) occupies property near the southern end of the block. Sports fields for high school students are located on the eastern and southern portions of the school. An access road extends north to south from Cantara Street at the north through the center of the block to Strathern Street at the southern end of the school. School classroom and support buildings [gymnasium, multi-purpose room (MPR), auditorium, kitchen, lunch pavilion and quad] are located east and west of the central access road on the northern side of the block.

Five areas across the campus were identified for additional investigation (the project areas) (Figure 2). None of the property occupied by the Cleveland EEC or MC&TC is within the demarked project areas. The project areas were determined by LAUSD construction project staff and OEHS based on their plans to replace the the school access road, MPR, kitchen, lunch pavilion, and numerous classroom structures with new structures. In addition, LAUSD intends to move the access road from the center of the campus to the east side of the campus, which will provide a wider separation between the school campus and Los Angeles Department of Water and Power (LADWP) transmission lines located on the west side of Aliso Canyon Wash (Figure 2).

2.2 Site Geology and Hydrogeology

The school is located in the west-central portion of the San Fernando Valley. The San Fernando Valley is bounded by the San Gabriel Mountains to the northeast, the Santa Susana Mountains to the northwest, the Verdugo Mountains to the east, the Santa Monica Mountains to the south, and the Simi Hills to the west. The San Fernando Valley and adjacent mountains are within the Transverse Ranges physiographic province, which is comprised of steep east to west trending mountain ranges and sediment-filled valleys. It extends from the San Bernardino Mountains in the east to the San Miguel, Santa Rosa and Santa Cruz islands to the west.

Fine-grained surface soils in the vicinity of the school belong to the Yolo soil series, which is a poorly-drained, silty and clayey loam. Soil belonging to this series has been identified below undisturbed areas with the San Fernando Valley to a depth of up to 60 inches. The soil horizon below the school extends with little variability to fine-grained Holocene alluvial sediments at depth. This fine-grained alluvium is present across much of the western portion of the San Fernando Valley.

The nearest fault to the school is the Northridge Hills Fault, which is approximately three miles north-northeast from the school at its closest point. This fault experienced minor ruptures during the 1994 magnitude 6.7 Northridge Earthquake. The epicenter for this earthquake, which occurred on the Northridge Thrust Fault, a semi-horizontal fault below the San Fernando Valley, was located less than one mile southeast of the school.

The highest historic groundwater levels in the vicinity of the school occurred approximately 60 years ago, and were within one- to five-feet of the ground surface. Recent site investigations performed in the vicinity of the school have encountered groundwater at

relatively shallow depths, from 8 to greater than 15 feet below ground surface (bgs). Groundwater monitoring conducted by Fero Engineering in December 2012 at the Tampa Center shopping mall, located 0.27 miles west of the school, measured static groundwater depths between 12.5 and 14.4 feet bgs. Fero Engineering determined a south-southeast groundwater flow direction at Tampa Center, which mimicks local topography. No investigations conducted at the school have provided an accurate depth to the first occurrence of groundwater.

2.3 Nearest Special Study (Alquist-Priolo) Zone

The school is not located within an Alquist-Priolo Fault-Rupture Hazard Zone (A-P Zone). The nearest A-P Zone to the school is the western termination of the Reservoir Fault segment of the San Fernando Fault Zone, which is 5.5 miles north-northeast of the school.

2.4 Liquefaction and Landslide Potential

According to the California Department of Mines and Geology (CDMG) Seismic Hazard Zone Map for the Canoga Park Quadrangle, soils in the vicinity of the school are not potentially liquefiable during seismic events. However, the 1996 Safety Element of the City of Los Angeles General Plan regards the soils below this area as liquefiable.

There is no landslide hazard identified on the school or on neighboring properties. The closest landslide hazards are in the foothills of the Santa Monica Mountains, approximately 2.5 miles north of the school.

2.5 Flooding and Inundation Potential

The closest named or significant water body to the school is the Aliso Canyon Wash, an engineered channel for flood control that extends from Aliso Canyon in the Santa Susana Mountains north of the project area, to a confluence with the Los Angeles River in South Reseda. It bounds the school on the east. The elevation at the northwest corner of the project area is approximately 775 feet above mean sea level (MSL).

According to California Federal Flood Insurance Rate Map #06037C, panel 1285F, the school is with Flood Zone X, indicating that the area is outside of the area with a 0.2 percent (%) annual risk of flooding. The western margin of the school is also within Flood Zone X

but with a special designation indicating a 0.2% annual chance for flooding. Aliso Canyon Wash has an AE flood designation that is confined to the margins of the Wash. The Wash has been engineered to accept a 100-year flood and has a 1% annual chance for flooding, but not outside of its banks.

The Safety Element for the City of Los Angeles Master Plan shows the school outside areas of potential inundation in the event of a local dam failure. The Inundation Map for the Hansen Dam, produced by the California Emergency Management Agency (Cal EMA), provides more detail. It shows that the school is approximately 2.5 miles west of the area expected to flood after a catastrophic breech of Hansan Dam. This is the nearest inundation zone. The school is not at risk of being flooded by a tsunami.

3.0 BACKGROUND

3.1 Site Setting

The school is located in a residential area and is surrounded by single-family or duplexes homes to the west and south. Residential neighborhoods are also located west of the school and Aliso Canyon Wash. The MC&TC and Roscoe Boulevard are located directly north of the school, and residences are located north of Roscoe Boulevard. The closest commercial or other land uses is a small strip mall located on the south side of Roscoe Boulevard across Aliso Canyon Wash, 500 feet northeast of the project area. Eight sensitive receptors (public buildings, other schools, parks, hospitals, convalescent homes, and churches), including the school, are co-located with, or located, within 0.25 miles of the project area.

The closest major highways to the school are State Highway 101, which is located 3.7 miles south of the school and State Highway 118, which is located 4.3 miles north of the school. Interstate 405 is located five miles east of the school.

3.2 Description of Project Area Structures, Roads and Other Improvements

Grover Cleveland Charter High School is a secured set of facilities that is surrounded by a chain-link fences and gates, and is monitored by a team of security personnel. Portions of the school facility are secured by individual fences. The primary parking area for the school is at the west portion of the campus located west of the project areas. It is accessed from the west through gates on Vanalden Avenue. A second parking lot is located at the northeast corner of the campus and is accessed through a gate at the cul de sac end of Cantara Street. Smaller parking areas used by staff are located between school buildings on campus (Figure 2).

There are 46 primary structures on the school campus. The largest structure within the project area boundary, and at the campus, is the MPR and lunch pavilion, a roughly rectangular single-story structure near the center of the campus. The MPR and lunch pavilion are located within the boundary of the project area.

Portions of the school campus investigated as part of the Phase I ESA were identified for further investigation. Since the campus is large and the area of interest covered a significant portion of the campus, these areas were divided into five individual areas of concern (AOCs) for further focused assessment (Figure 2). Some of the AOCs in the northern portion of the

school campus are contiguous to one another. Each of the five AOCs are illustrated in Figures 3 through 7.

AOC-1 is located near the center of the project area. The MPR/Food Service Building and lunch pavilion, which also serves as the Music Building, is the largest structure in this area. A small parking lot is located immediately north of this structure, which is called Building K on school maps. Two other structures, Building L and a Utility Building, located south of the MPR Building, are within this AOC. The Utility Building houses the Plant Manager office, a custodial lunch area and equipment storage lockers, and a rest room. Building L is a classroom building. A small paved parking area is located behind the Utility Building and a paved loading ramp is located east of the Utility Building, off of the center access road that runs through the campus. A single-stage, concrete interceptor is located east of Building L and south of the Utility Building. Two stacked flow lines enter the interceptor from the classroom building to the south (Figure 3)

AOC-2 extends south from, and includes, the parking lot located east of Cantara Street to Building J. AOC-2 extends west from the eastern campus boundary at Aliso Canyon Wash to the west side of the central access road. The southern portion of AOC-2 is contiguous to AOC-1. There are 16 classroom/adminstrative buildings/bungalows within this AOC. All but two structures are single-story buildings. Five bungalows are located immediately south of the parking lot off Cantara Street. A bathroom building is located at the northeast corner of the AOC and east of the bungalows. Twin two-story buildings (Buildings C and P) are located along the access road south of the bungalows. A walled LADWP transformer station is located at the southeast corner of the AOC. A set of eight storage bins are located between the transformer station and Building J, at the southern end of the AOC (Figure 4).

AOC-3 is located immediately south of AOC-2 and east of AOC-1. AOC-3 includes the access road between AOC-1 and AOC-2 and extends east to the fenced boundary between the school campus and Aliso Canyon Wash. The school baseball field is located immediately south of AOC-3. AOC-3 includes nine single-story classroon buildings and a restroom building in the center of the area. A small storage building is located at the southwest corner of the AOC-3. Several planters and tree wells are located at the north side of AOC-3, and three larger rectangular plots located on the west side of the area are landscaped with grass or small citrus trees. The fenced boundary between the school campus and Aliso Canyon Wash

turns to the east at the southeast corner of AOC-3. Two bins, two elevated trailers and sports workout equipment are located in this area (Figure 5).

AOC-4 extends from the southeast corner of AOC-3 to the Wilbur Avenue entrance to the school. This AOC follows the southern portion of the proposed access road through the campus, which will extend along the eastern school boundary from the current Wilbur Avenue gate to the parking lot east of Cantara Street. Two classroom structures and a small parking area adjacent to the classrooms are also located within this AOC. The AOC includes a narrow landscaped area north of the classrooms between the baseball field and the school boundary fence (Figure 6).

AOC-5 is a small area at the south end of campus focused on two adjacent bungalows. The structures are located immediately north of the Cleveland EEC, west of the access road and east of the campus tennis courts (Figure 7).

The parking areas and areas between classrooms within each of the AOCs are asphalt-paved. The access road that extends through campus is also asphalt-paved. Landscaped areas within AOCs have little ground cover other than smaller trees, vines and shrubs. The mature trees on campus did not appear to be distressed.

The campus is flat with a gradual slope to the south, so any precipitation not percolating into landscaped areas travels over paved portions of the campus as sheet flow and is directed to scattered stormwater drains or to the central access road. Shallow concrete culverts located within some of the paved areas also direct runoff to the stormwater drains or to the access road. The stormwater drains are located in the access road and scattered through the campus. One of these drains is located at the southest corner of the storage building at the southwest corner of AOC-3. A shallow concrete culvert leads to this drain. A similar concrete culvert is located behind the Utility Building in AOC-1. A stormwater collection main located below the center of the access road leads eventually to an outfall in Aliso Canyon Wash.

The school is within the Northridge Primary Sewer Drainage Basin and the W10 secondary sewershed. Wastewater from the school is directed to the Tillman Water Reclamation Plant in the south-central portion of the San Fernando Valley. The sewer system is operated by the City of Los Angeles Department of Public Works (LADPW). One offsite private sanitary sewer or septic system was identified within 0.5 miles of an AOC on the September 8, 2013

map of On-Site Wastewater Treatment Systems (OWTS) for Council District 3 produced by the Wastewater Engineering Services Division of the City of Los Angeles Bureau of Sanitation. It is not expected to impact the proposed school construction project. Evidence of a septic system was not observed within the AOCs by Pinnacle during the current field investigation.

LADWP supplies power to the school. Transmission towers carrying 127 kilovolts (kV) of power are located along the west side of the concrete-lined Aliso Canyon wash and adjacent to the eastern school boundary. None of the current or planned campus structures are within 100 feet of these lines. Power is brought into the campus at the location of the enclosed transformer area at the southeast corner of AOC-2. No other high-voltage (greater than 50 kV) lines operated by either LADWP or Southern California Edison (SCE) are located within 100 feet of the AOCs.

Southern California Gas (SCG)/The Gas Company supplies natural gas to the school and vicinity. According to the Safety Element of the Los Angeles Master Plan and information available on the National Pipeline Mapping System, a high-pressure distribution line and a high-pressure transmission line are located within 100 feet of the school. These lines are operated by the Gas Company and are located immediately east of AOC-4 in the right-of-way (ROW) below Wilbur Avenue. Another Gas Company distribution line is located north of the school in the ROW below Roscoe Boulevard. No gas transmission or distribution lines were identifed within the school boundaries. No operating hazardous liquid pipelines are located adjacent or on the school property. A purged and out-of-service oil pipeline operated by Crimson Pipeline, L.P. is located north of the school in the ROW below Roscoe Boulevard.

Water to the school is provided by LADWP. Based on a five-year average of deliveries, approximately 36% of the LADWP supplies have been produced from the Eastern Sierra via the Los Angeles Aqueduct system. Approximately 11% of the supply has been pumped from wells in the San Fernando Valley. Recycled water accounted for 1% of the water delivered to customers over this period. The remainder of the City's supplies (approximately 52%) have been imported from Metropolitan Water District sources such as the Colorado River and Feather River.

3.3 Previous Investigations

Ninyo & Moore produced a Phase I ESA Report for the whole school campus dated August 16, 2016. That assessment did not identify any previously conducted environmental investigations for the school or contiguous property. However, it identified potential RECs within the project area that were used to produce this PEA-E.

4.0 APPARENT PROBLEM

The earlier Phase I ESA for the project areas identified the following potential RECs:

- Based on the age of the project area buildings, soils may be impacted with lead due to the prior application of lead-based paints (LBP).

- Soils may be impacted with arsenic and organochlorine pesticides (OCPs) as a result of possible pesticide application within the identified AOCs.

- Total petroleum hydrocarbon- (TPH) impacted soil may be present in AOC-1. Gasoline and gasoline-powered equipment has been stored in a storage closet at the northeast corner of the Utility Building. Fuel spillage may have reached soils in a nearby planter.

There are no known spills or releases of hazardous substances that have occurred at the project area. Due to the planned demolition and construction activities at the project area, soil disturbances may result in the completion of the potential exposure pathways (ingestion, inhalation, and dermal contact) described in Section 5.0.

5.0 ENVIRONMENTAL SETTING

5.1 Identification of Contaminants of Potential Concern

Ninyo & Moore's Phase I ESA identified a limited number of current and historical land uses within the project area boundaries. Based on this history, OEHS and Pinnacle elected to analyze soil samples for a specific set of potential contaminants. These included the following compounds.

- Total lead
- Arsenic
- OCPs
- TPH and volatile organic compounds (VOCs)

These compounds of potential concern (COPCs) were selected primarily due to the possible use of LBP on buildings intended for demolition, and the possible application of a variety of pesticides (including those with lead and arsenic) in soils below pavements and in planters adjacent to campus buildings. Analysis for TPH and VOCs was deemed necessary due to the possibility of fuel spillage to a planter located adjacent to a storage locker containing gasoline-powered equipment and fuel containers.

5.2 Conceptual Site Model

Pinnacle prepared a preliminary Conceptual Site Model (CSM) to use with this PEA-E and within a potential future Human Health Screening Evaluation (HHSE). The COPCs identified above were utilized to prepare the CSM that identified potential receptors, exposure media, and exposure pathways within the project area.

The COPC concentrations were compared to screening values to assess whether further HHSE or eventual Human Health Risk Assessment (HHRA) activities were needed. The screening level currently used for arsenic at LAUSD school sites is 12 milligrams per kilogram (mg/kg), which is the California Department of Toxic Substances Control's (DTSC's) upper bound estimate (95th percentile) for background concentrations in Southern California (DTSC, 2008). LAUSD currently uses the California Human Health Screening Level (CHHSL) of 80 mg/kg when considering lead concentrations in soil for additional assessment. OCPs were compared to the most recent available United States Environmental

Protection Agency (EPA) Region 9 Regional Screening Levels (RSLs) (EPA, 2015). These concentrations are consistent with those provided by the DTSC Office of Human and Ecological Risk (HERO) in *HERO HHRA Note Number: 3* (DTSC, 2016).

An exposure pathway describes the route a chemical, in a variety of forms, may take from a source to an exposure point where a receptor can interact with the chemical. A complete exposure pathway includes five components.

- A primary source(s) of contamination (e.g., storage tanks, the land application of a pesticide)
- A secondary source(s) of contamination (e.g., COPC vapors, contaminated dust, subsurface soil contaminated by the migration of a release substance)
- Release mechanisms (e.g., direct contact of various media, wind-blown dust, stormwater erosion, leaching from various media)
- Transport media (e.g., surface soil, air, stormwater runoff)
- Receptors (e.g., persons or biota).

Typical exposure pathways include incidental ingestion of soil, dermal contact with soils, and inhalation of contaminated fugitive dust. Since volatile chemicals were not identified as significant COPCs within the designated AOCs, the CSM did not consider inhalation of chemical vapors in outdoor and indoor air. The CSM described the pathways by which receptors may have been and might be exposed to the COPCs within the project area.

A summary of the site-specific CSM criteria for the project area is provided below.

5.3 Potential Sources of Contamination

Based on research conducted during N&M's Phase I Environmental Assessment, the potential sources that might result in a release of hazardous substances to the environment included the weathering of LBP (from pre-1979 structures), and lead, arsenic and OCPs as a result of possible pesticide application within the project area. One location in a concrete lined planter may have had a local release/spillage of fuels.

5.4 Release Mechanisms

The campus was agricultural land prior to construction of the earliest buildings in 1959. Weathering, scraping, and chipping of potential LBP surfaces may have caused lead to be released and accumulate in soil around past and current structures. The use of lead arsenate and arsenic trioxide as a termiticide and general insecticides has been known to result in significant concentrations of these metals and OCPs in soils around structures with wood components built prior to January 1, 1989. Considering the age of existing structures within the project area and the initiation of agricultural land uses prior to the construction of the school, lead, arsenic and OCPs may have been released to near-surface soils in the project areas.

5.5 Transport Mechanisms

Once released to soil, heavy metals and OCPs are relatively immobile. These substances are not easily soluble, and will not typically leach into surface water or migrate to groundwater. They will likely adsorb to soil particles, and they will not volatilize and migrate as vapors. Older surface releases of these COPCs, prior to school development, are less likely to be discovered in significant concentrations due to the ground surface grading conducted for school construction.

5.6 Exposure Points

The primary exposure point currently and during future construction is expected to be dermal contact with surface soil with elevated COPCs. However, exposure could also occur through inhalation of dust, or incidental ingestion of dust.

5.7 Potential Receptors

Current receptors are primarily students and staff at the school. The potential future receptors will also include workers involved in the demolition of current structures and construction of the new buildings.

6.0 SAMPLING ACTIVITIES AND RESULTS

Pinnacle conducted soil sampling and analysis to assess whether past activities within and immediately adjacent to the project area resulted in environmental impairments. Preparations were also made to collect groundwater grab samples for analysis, but shallow groundwater was not encountered during the assessment.

6.1 Stage I Soil and Soil Vapor Sample Collection

The preliminary scope of work provided by OEHS for this assessment provided a sampling protocol with 129 Stage I boring locations based on proximity to current project area structures. The sampling protocol included two stages of sampling. The second period (Stage II) of sampling provided for up to 32 lateral step-out locations based on the results of Stage I sample analysis. The initial analytical program was provided for bidding purposes. It consisted of the following number of analyses.

- Total lead (EPA Method 6010B) – 220
- Lead - Soluble Threshold Limit Concentration (STLC) Determination - 5
- Lead – Federal Toxicity Characteristic Leaching Procedure (TCLP) - 1
- Arsenic (EPA Method 6020) - 220
- TPH (EPA Method 8015M) - 7
- VOCs (EPA Method 8260B/5035) - 11
- California Code of Regulations, Title 22 CAM-17 Metals (EPA Method 6010B/ 7471A) - 2
- OCPs (EPA Method 8018A) – 77
- Polychlorinated Biphenyls (PCBs) – 10% of samples

After meeting at the project area, Pinnacle and OEHS modified this initial scope of work. Based on the preliminary scoping criteria and discussions during the meeting, a map was produced consisting of 76 Stage I hand-auger soil sampling locations. After generating several iterations of the maps for the five AOCs during discussions with OEHS, Pinnacle met with OEHS at the project area on November 11, 2016, to discuss the final sampling locations and to mark these final locations in chalk. A final set of five maps illustrating the sampling locations in each AOCs was subsequently produced for performing Stage I fieldwork.

In addition to the 76 Stage I soil sampling locations across the project area, soil vapor sample collection was proposed adjacent to an interceptor located in the driveway in AOC-1. Two sets of two nested temporary vapor probes were proposed on either side of the interceptor. The workplan prepared by Pinnacle proposed using two sets of probes set at 5 and 15 feet bgs at each location. Each of the four soil vapor samples and a duplicate vapor sample were planned for collection using the July 2015 DTSC Advisory for collection and analysis of VOCs using EPA Method TO-15 (Figure 3).

The surrounding community was notified regarding the field work. A description of public notification efforts is provided in Section 9.0.

Pinnacle prepared a Workplan for the fieldwork. The final Workplan, dated November 15, 2016, incorporated the Stage I sampling locations agreed upon by OEHS and Pinnacle. The document was submitted electronically to OEHS on November 17, 2016. Table 1 is the final sampling summary generated for the Workplan.

Pinnacle met Spectrum Geophysics (Spectrum) at the school on November 11 and November 14, 2016 to perform a survey of subsurface utilities at the previously marked boring locations. At Pinnacle's request, Spectrum marked the utilities in the vicinity of the marked boring locations in yellow grease pencil rather than colored paints. Several sampling locations were moved a distance of less than five feet to avoid utilities and irrigation lines. Another utility locating firm had completed their work for another project when Spectrum began their work for Pinnacle. They marked utilities in colored paints. Pinnacle delineated the corners of the project area boundaries and each boring location on the morning of November 11, 2016, as required by Underground Services Alert of Southern California (DigAlert). DigAlert was notified on November 11, 2016, regarding the intended subsurface work and issued number B63220563-00B to identify the intended subsurface work and to notify effected member locaters. None of the Stage I sampling locations needed to be moved based on the information generated by the DigAlert locaters.

The soil sampling procedure used for the investigation followed suggested procedures for soil sampling and analysis for non-volatile compounds used by OEHS contractors in the past. These procedures have been approved on projects overseen by DTSC. A Stage I soil sample for VOCs and TPH analyses and two samples intended for use in profiling material for future disposal were collected to minimize sample disturbance in accordance with EPA Method 5035. General Pinnacle sampling procedures are included in Appendix A of this report.

Stage 1 soil samples were collected on November 21 and November 22, 2016, by Blaine Tech Services, Inc. (Blaine) field technicians using stainless steel hand auger equipment. Surface asphalt was cored as needed prior to soil sampling. Visibly-apparent loose material that entered the hole was removed prior to sampling.

The shallowest soil sample from each boring was collected within the first 0.5 feet of soil. Subsequent samples were collected at 1.5 feet and 2.5 bgs. Auger refusal was encountered at one boring location, B56, at a depth of 0.8 feet bgs. Only the 0.5-foot soil sample was collected at this location. Soil collected from the auger head was transferred to new, 4-ounce glass jars provided by the laboratory. Disposable nitrile gloves were worn during sampling and were discarded after sampling each borehole. The filled jars were labeled and placed in a cooler with blue ice. The following unique information was provided on each sample label.

- Project area name
- Borehole number (PB-1 through PB-46)
- Sample number (with depth)
- Sampling date and time

The auger heads were decontaminated between boreholes using a tap water/alconox wash, and two tap water rinses.

A chain-of-custody (COC) document was completed as sampes were collected. The first set of Stage I samples were delivered to the analytical laboratory the morning after the second and final day of collection. The subsequent Stage II soil samples were delivered the same day as they were collected.

Boreholes were backfilled with soil cuttings and patched with asphalt to match the previous surface. The remaining soil cuttings, asphalt cores and decon water were placed in a drum for later disposal. An additional sample was collected from the drum of cuttings for analysis of VOCs using EPA Method 8260B, CAM-17 Metals using EPA Method 6010B/7471A and TPH using EPA Method 8015C. These analytical results were used to characterize the drummed soil for disposal.

6.2 Soil Sample Analytical Methods

Soil analyses were performed by SunStar Laboratories, Inc. (SunStar), a California state-certified hazardous waste laboratory. The shallowest sample from each boring was analyzed for one or more of the following constituents, using a three- to five-day turnaround time.

- Total lead - EPA Method 6010B
- Arsenic - EPA Method 6010B
- OCPs - EPA Method 8081A

The shallowest samples from borings B7, located near a storage room with fuel containers, and B58, located near a drain in AOC-3, were also analyzed for the following constitutents.

- TPH – EPA Method 8015C

Successively deeper soil samples were analyzed from each boring until a sample achieved an arsenic concentration of 12 mg/kg or less or a lead concentration of 80 mg/kg or less. No deeper samples required analysis based on the OCP, PCB, or TPH results at 0.5 feet bgs. Table 2 is a compilation of the analyses performed on the soil samples from each boring.

6.3 Stage I Soil Sample Analytical Results

Table 3 is a summary of the analytical results for the Stage I discussed in this subsection and the Stage II analyses discussed in subsection 6.4.

Organochlorine Pesticides

Soil samples from 62 of the 76 Stage I soil borings were analyzed for OCPs. A total of 19 soil samples were composited into 7 samples for OCP analysis. Four of the analyzed samples had one detectable OCP. Two samples, B37-0.5 and B48-0.5, had two detectable OCPs. Alpha-chlordane was detected in three of the shallowest samples (B4-0.5, B31-0.5, and B48-0.5) at a concentrations ranging from 5.6 to 21 micrograms per kilogram (μg/kg). Dieldrin was detected in three samples (B7-0.5, B33-0.5, and B37-0.5) at concentrations ranging from of 8.3 to 29 μg/kg. Gamma-chlordane was detected in sample B48-0.5 at a concentration of 13 μg/kg. Endosulfan I was detected in sample B37-0.5 at a concentration of 5.8 μg/kg (Table 4). Pesticides were not detected above laboratory reporting limits (RLs) in any of the composited soil samples from the raised planter beds in the project area.

The soil samples with detectable OCPs were located in AOC-1, AOC-2 and AOC-3. None of the locations with shallow detectable OCPs defined a larger area of impacted soil. The locations with detectable OCPs did not correlate with any specific surface structures or depressions in the unpaved ground surface.

The maximum concentrations of the OCPs detected in the soil samples did not exceed the EPA Region IX RSLs for residential soil for chlordane (1,700 µg/kg) and dieldrin (34 µg/kg). Analysis of additional soil samples was not required to delineate the vertical or horizontal extent of OCPs in the Stage I borings (Table 4).

Lead

The six-inch soil samples from 72 of the 76 Stage I borings were analyzed for total lead using EPA Method 6010B. Fifty-five of the soil samples did not have detectable lead. The detectable lead results from the seventeen 0.5-foot samples ranged from 23 mg/kg to 190 mg/kg. Three of the analyzed soil samples had a total lead result above the residential CHHSL of 80 mg/kg (OEHHA, 2009): B37-05 (190 mg/kg), B54-0.5 (150 mg/kg) and B7-0.5 (88 mg/kg). None of the remaining detectable lead concentrations exceeded 45 mg/kg (Table 5).

The borings that produced the three 0.5-foot samples with the highest three lead results were selected for additional analysis of 1.5-foot samples to delineate vertical extent during Stage II sampling activities at the project area.. In borings B37 and B54, lead concentrations in the 1.5-foot samples were below the laboratory reporting limit. In boring PB-18, the 12-inch sample had a lead concentration of 18 mg/kg. The 1.5-foot sample from boring B7 had a lead concentration of 3.5 mg/kg (Table 5).

Arsenic

The 0.5-foot samples collected from 74 of the 76 Stage I borings were analyzed for arsenic. A total of 63 of the 76 samples did not have a concentration of arsenic above the reporting limit. Two soil samples had arsenic concentrations above 12 mg/kg, which is the DTSC upper bound (95th percentile) estimate for background arsenic concentrations in Southern California (Chernoff, G., et al, 2008). These two samples had arsenic concentrations of 14 mg/kg (B58-0.5) and 65 mg/kg (B10-0.5) (Table 5).

The screening level of 12 mg/kg was used to determine whether additional analyses were required to assess the vertical limit of arsenic above background levels. Based on the arsenic data generated in the samples collected at a depth of 0.5 feet, two additional soil samples collected at 1.5 feet were also analyzed to determine vertical extent. One of these deeper samples (B10-1.5) had an arsenic concentration below the reporting limit. The other deeper sample (B58-1.5) had an arsenic concentration of 14 mg/kg, which required the analysis of the 2.5-foot sample from the same boring. That sample (B58-2.5) had an arsenic concentration of 9.1 mg/kg. No additional analyses were required from this boring location.

Polychlorinated Biphenyls (Aroclors)

Nine soil samples randomly distributed across the AOCs were analyzed for PCBs using EPA Method 8082 during Stage I soil sampling activities. Eight of the nine samples did not have reportable concentrations of PCBs. One sample, B57-05, had 20 μg/kg of Aroclor 1260. This concentration did not exceed the EPA Region IX RSL of 240 μg/kg for Aroclor 1260. Based on these results, no additional analysis of Stage I or Stage II soil samples were required to assess the presence of this compound within the project area (Table 6)

Total Petroleum Hydrocarbons, Volatile Organic Compounds, Title 22 Metals

The samples collected at 0.5 feet bgs from borings B7 and B58 were analyzed for full-scan TPH. Boring B7 was advanced in a planter located adjacent to a closet at the northeast corner of the utility building in AOC-1 that is used for storing gasoline and gasoline-powered equipment. The planter was part of the original school hardscape and was raised above grade. A mature tree and healthy vine ground cover were growing in the planter (Figure 3). The 0.5-foot soil sample from boring B7 had diesel-range TPH concentration of 13 mg/kg and oil-range TPH at concentration of 15 mg/kg.

Boring B58 was advanced at the southwest corner of AOC-3, adjacent to a stormwater drain inlet and small storage building. The 0.5-foot soil sample from boring B58 had diesel-range TPH concentration of 110 mg/kg and oil-range TPH at concentration of 170 mg/kg.

A third soil sample from a drum of soil cuttings and asphalt cores was analyzed for TPH for waste characterization. It had a diesel-range TPH concentration of 150 mg/kg and oil-range TPH at concentration of 400 mg/kg. The drum sample was also analyzed for VOCs using EPA Method 8260B, and for CAM-17 metals. No VOCs were identified in the sample. The

concentrations of CAM-17 metals in the drum sample were lower than the respective Toxic Threshold Limit Concentrations (TTLCs) and ten times the STLCs.

A soil sample was collected immediately adjacent to boring B37 at a depth of 0.5 feet specifically for analysis of VOCs. The analysis was required to profile soil recommended for excavation and disposal from selected locations within the project area. Duplicate samples of undisturbed soil were collected from the base of a shallow depression in the ground surface using an EnCore® 5-gram sampler. A shovel was used to dig and backfill the hole to collect the samples. The samples were sealed in the samplers, chilled on ice and delivered the same day to SunStar for VOCs analysis using EPA Method 8260B. No VOCs were detected in the sample.

All of the hand-augered boreholes were advanced through clays and silty clays with no detectable odors. Small bits of foreign material noted in the shallowest clayey soil indicated that it was mingled with foreign material most likely during grading for original school construction.

A set of Stage II step-out locations was proposed based on the results of the Stage I boring analyses. The final nine boring locations were selected by OEHS and Pinnacle. The Stage I arsenic results at two boring locations required three additional boring locations to delineate the lateral extent. One of these Stage II borings was located in AOC-1, in a planter at grade north of Building L (Figure 3). The second boring was located in the southeast corner of AOC-3, at the end of a shallow concrete culvert leading to a drain (Figure 5). Stage I lead results at two boring locations required six additional boring locations to delineate lateral extent. Two of these Stage II borings for lead delineation were located north of Building J at the southwest corner of AOC-2. The four other Stage II borings for lateral extent of lead delineation were located near the center of AOC-3 surrounding Stage I boring B54. The Stage I OCP and TPH results did not require additional Stage II assessment based on the selected criteria.

The nine Stage II soil borings were marked with chalk on December 20, 2016. DigAlert was notified on that date regarding the additional subsurface work. Pinnacle renewed the earlier DigAlert ticket number to initiate marking utilities adjacent to the new boring locations, if necessary. The soil sampling was performed by Blaine on December 28, 2016, using the same methods used to conduct Stage I soil sampling.

6.4 Stage II Soil Sample Analytical Results

Three Stage II soil borings were advanced for arsenic delineation. The arsenic results from the three 0.5-foot samples from the borings were: below the laboratory RL (B85-0.5) or below the SL (B83-0.5 at 5.1 mg/kg, and B84-0.5 at 7.2 mg/kg. Since each of these results was less than the screening level of 12 mg/kg, no additional soil analyses were required to delineate vertical of horizontal extent of arsenic in the Stage I boring (Table 5, Appendix B).

Each of the six 0.5-foot soil samples collected at the Stage II locations requiring lead delineation had lead concentrations of less than 80 mg/kg. The lead results were below the detection limit for all of the soil samples except sample B77-0.5, which had a lead concentration of 12 mg/kg. No additional soil analyses were required to delineate vertical of horizontal extent of lead in soil based on these results (Table 5, Appendix B).

Table 5 is a compilation of the Stage I and Stage II arsenic and lead data. Appendix B is the laboratory analytical reports for the Stage I soil samples. Appendix C is the laboratory analytical reports for the Stage II soil samples.

6.5 Discussion of Stage I and Stage II Sampling Results

None of the soil samples collected during Stage I and Stage II sampling had arsenic levels exceeding the TTLC for arsenic of 500 mg/kg. One soil sample, B10-0.5, had an arsenic concentration greater than ten times the STLC for arsenic of 5milligrams per liter (mg/L), and was subsequently analyzed for soluble arsenic using the STLC method. The sample did not have a soluble arsenic concentration above the RL of 0.5 mg/L. Based on this result, the soil at 0.5 feet in boring B10 is considered non-hazardous for waste disposal purposes (Table 7). The cumulative Stage I and Stage II analytical data has a 95% UCL value for arsenic of 7.4 mg/kg, which is below any of the state or federal lead action levels used for residential soil (Table 5).

None of the Stage I and Stage II soil samples had a lead concentration above the lead TTLC of 1,000 mg/kg. Three soil samples (B7-0.5, B37-0.5 and B54-0.5) had a lead concentration greater than ten times the STLC for lead of 5.0 mg/L. The 0.5-foot samples from borings B7 and B37 were analyzed for soluble lead using the STLC method. A soluble lead result of 6.7 mg/L was reported for sample B7-0.5, and soluble lead result of 6.6 mg/L was reported for sample B37-0.5. Samples B37-0.5 and B54-0.5 were additionally analyzed for soluble lead using the federal TCLP method. Neither sample (B37-0.5 or B54-0.5) had a soluble lead

concentration above the reporting limit of 0.1 mg/L using this method. Based on these results, the soils sampled at 0.5 feet at boring locations B7, B37 and B54 were characterized as a California hazardous waste for disposal purposes (Table 7). The cumulative Stage I and Stage II analytical data has a 95% UCL value for lead of 19.2 mg/kg, which is below any of the state or federal lead action levels used for residential soil (Table 5).

While the 95% UCL for both lead and arsenic are well below their respective screening levels for residential land uses, it is recommended that the shallow soils at five well-defined locations with detected arsenic concentrations above 12 mg/kg and detected lead concentrations above 80 mg/kg be removed from the project area. This housekeeping activity would consist of local excavations to remove soils with concentrations exceeding specific screening levels or regulatory limits. The STLC results for lead from borings B7 and B37 that exceeded the regulatory limit of 5 mg/L support the recommendation for a limited soil removal from these areas. While an STLC analysis for lead was not performed on sample B54-0.5, and the TCLP analysis for lead for this sample did not reveal a reportable concentration of soluble lead, the similar total lead concentration to sample B37-0.5 suggests that a similar STLC concentration might have resulted. As such, this area of soil is also recommended for local removal.

According to the Pinnacle recommendation, areas four by four feet in size, centered on each soil boring with elevated lead or arsenic, would be removed to a depth defined by the sample results. The soils at boring locations B7, B10, B37, and B54 should be removed to a depth of 1.5 feet below the base of the current asphalt or ground surface (if in a planter area). The soils at boring location B58 should be removed to a depth of 2.5 feet bgs.

An estimated surface volume of seven cubic yards of material from these small excavations, using a bulk factor of 140%, will be transported from the project area under this recommended scenario. Based on a density for dry clay of 2,300 pounds per cubic yard, this volume of soil would weight approximately eight tons.

The analytical results generated during this PEA-E indicate that any soil removed from the recommended locations will be transported as a California hazardous waste for disposal at a state-permitted disposal facility. Since each location recommended for excavation has Stage I and Stage II sample analysis to define vertical and lateral extent, no additional confirmation sampling at the project area should be required after excavation of the material. Analytical results generated during the PEA-E should be sufficient to characterize the soil for disposal.

However, additional sampling and analysis of the transported material may be required, depending on the final destination and volume to be transported.

6.6 Soil Vapor Sampling

Soil vapor sampling was recommended to assess whether an interceptor south of the Utility Building in AOC-1 had leaked VOCs or fluids with dissolve-phase VOCs. The single-stage interceptor was observed to be a six-foot tall cylindrical concrete vessel with two entrances from the south. The conveyance lines connected to the vessel were oriented one above the other and were approximately 3 feet apart. Several inches of fluid with no odor were observed in the interceptor. Cracks were not visually observed in the walls of the interceptor.

6.6.1 Vapor Probe Installation

Two pairs of nested soil vapor points on opposite sides of the manhole cover were located to assess the soil vapor adjacent to the interceptor. Since relatively impermeable soils were identified while conducting shallow soil sampling, continuous samples were collected to identify permeable zones for vapor sample well completion.

Vapor probe installation was performed on November 22, 2016. Each boring was advanced by American Analytics, Inc., using Geoprobe® equipment using Macro-Core® samplers to collect soil samples. Sampling began below the asphalt base to a depth of 15 feet bgs. The soil samples were collected in an acetate liner and were described by a State-registered geologist using the Unified Soil Classification System. The boring logs produced from the sampling are provided in Appendix D. No staining were observed in the soil and no odors were noted. Soil laboratory analyses were not performed.

Temporary vapor sampling points were set at depths of 13.5 and 3.5 feet bgs through the probe rods. A permeable vapor point was extended to the desired depth from a length of 0.25-inch (O.D.) NylaFlow® tubing. Sand pack consisting of #2/12 washed sand was installed from 13 to 15 feet bgs and from 3 to 5 feet bgs to provide a larger zone for the accumulation of vapor from the fine-grained soils. Bentonite chips poured between the two sand packs and from 0.5 to 3 feet bgs were hydrated to seal the well. The two tubes at each location were capped at the surface and coiled in the open hole below the surface.

All downhole equipment was decontaminated between borings using a solution of non-phosphate detergent, with tap water and distilled water rinses. A brush was used to dislodge

soil from the equipment. The equipment was rinsed with tap water after washing. A final rinse with distilled/deionized water was performed and the equipment was allowed to air dry prior to reuse. The sampling equipment was kept off the ground after washing and between samples.

6.6.2 Soil Vapor Sample Collection and Handling

Soil vapor samples were collected on November 30, 2016, eight days after vapor probe installation. Pinnacle performed the soil vapor sampling using equipment provided by SunStar. Each of the four probes was purged of three volumes of vapor prior to sampling using evacuated in laboratory-supplied, one-liter Summa canisters. The vapor samples were collected in separate one-liter Summa canisters after purging. The canisters intended for sample collection were decontaminated by the lab prior to sampling and batch-certified clean. The flow rate into each canister was controlled using a designated flow controller set by Sunstar to a flow of 150 milliliters per minute (ml/min). The canisters, flow controlers and well tubing were connected using new NylaFlow® tubing and Swagelok fittings. In addition to the four vapor probe samples, a duplicate soil vapor sample was collected and analyzed from soil vapor probe SV2-13.5.

A leak test was performed at each probe location. A cloth soaked with a suitable tracer compound (isopropyl alcohol) was wrapped around the vapor probe. Each vapor sample was analyzed for the tracer compound.

Each sample was labeled with the following information:

- Project number
- Project name
- Project location
- Sample identification
- Sampler initials
- Data and time of collection

The samples from the vapor probes were delivered on the date of sampling to SunStar.

6.6.3 Analytical Methods and Results

Each sample from the vapor probes was analyzed for VOCs using EPA Method TO-15. The chromatogram for each vapor sample was checked for a peak indicating the presence of the tracer compound in the sample. None of the analytical results were discarded or repeated due to a detection of the tracer gas.

Low concentrations of trichloroethene (TCE) were identified in each of the soil vapor samples. TCE concentrations ranged from 5.5 to 620 micrograms per cubic meter ($\mu g/m^3$), which is equivalent to 1.0 to 115 ppbv. The highest concentration, which was two orders of magnitude greater than other detected TCE, was identified in vapor probe SV2-3.5. Tetrachloroethene (PCE) was only identified in vapor probe SV2-13.5, at a concentration of 14 $\mu g/m^3$ (2 ppbv). Benzene was identified in the two deeper vapor probes at concentrations of 5.5 $\mu g/m^3$ (1.7 ppbv) (SV1-13.5) and 10 $\mu g/m^3$ (3.1 ppbv) (SV2-13.5). Toluene was detected in well SV2-13.5 at a concentration of 4.6 $\mu g/m^3$ (1.2 ppbv). Xylenes were detected in wells SV1-3.5 (11 $\mu g/m^3$) and SV2-13.5 (10 $\mu g/m^3$). These xylene concentrations are equivalent to 2.3 and 2.5 ppbv, respectively (Table 8).

The 620 $\mu g/m^3$ of TCE in the shallower soil vapor point at SV2 slightly exceeds the 480 $\mu g/m^3$ SL for TCE in a residential setting. The results suggest that this occurrence of TCE was localized in the shallow clayey soil, and may be due to historical spillage of TCE and does not reflect a release from the interceptor.

The final laboratory report of analytical results for soil vapor is provided in Appendix E. A tabulated summary of laboratory results is provided in Table 5.

Since the data set does not indicate a significant area of impacted soil vapor, Pinnacle recommends including the area surrounding vapor probe SV2 for removal during housekeeping activities. In this case, Pinnacle recommends excavating a four by four foot area to a depth of four feet, which will extend the excavation below the shallow vapor probe. Excavation of this material will add approximately 3.5 cubic yards (4 tons) of material to the estimated 7 cubic yards (8 tons) of material produced from the recommended excavation of soils with lead and arsenic concentrations above background levels.

6.7 Drum Disposal

A drum of cuttings and asphalt cores was produced during Stage I and Stage II soil sampling. At the request of the school plant manager, the drum was temporarily placed behind the utility building. A soil sample from the drums was analyzed for TPH, VOCs, OCPs and CAM-17 metals. These analyses were used to characterize the soil as non-hazardous. The drum was removed from the project area on January 24, 2017 by Belshire Environmental and transported to the Soil Safe of California facility in Adelanto, California, for proper disposal. The manifest for the drum disposal is included in Appendix F of this report.

7.0 HUMAN HEALTH SCREENING EVALUATION

Jill Ryer-Powder, Ph.D., the Principal Health Scientist for Environmental Health Decisions (EHD), performed a Human Health Screening Evaluation (HHSE) as a task within this assessment. The HHSE was required to evaluate whether an additional HHRA would be required prior to construction activities. The results of the EHD HHSE are provided in Appendix G.

A list of COPCs was generated while developing the scope of work for this assessment. A CSM was also prepared that identified the potential receptors (residential), the exposure media (soil), and the exposure pathways (dermal, inhalation of outdoor air, vapors and dust, and potential ingestion) for these COPCs within the project area boundaries.

The HHSE compared the accumulated Stage 1 and Stage 2 laboratory data against recognized appropriate screening values. As discussed earlier, the current screening level for LAUSD school sites for arsenic is 12 mg/kg and the current LAUSD screening level for lead is 80 mg/kg. OCPs were compared to the most recent versions of EPA Region 9 RSLs. OCPs have individual, specific RSLs. These concentrations were modified when needed, based on discussions in the *HERO HHRA, Note Number 3*. The maximum detected concentration of each COPC was used as the exposure point concentration in the HHSE.

The EHD HHSE considered both cancer risks from carcinogens, and noncancer health effects from other chemicals. The cumulative cancer risk calculated by EHD for the project area was 9.3×10^{-7}, which does not exceed the *di minimus* risk value of 1×10^{-6}. The calculated noncancer hazard index of 0.01 did not exceed the acceptable value of 1. No additional investigation is indicated based on these results.

8.0 ECOLOGICAL SCREENING EVALUATION

Ecological Screening Evaluations (ESEs) are conducted to determine whether an Ecological Risk Assessment (ERA) or eventual remedial actions are required in environmentally sensitive natural resources (ESNR) associated with contaminated sites, and to provide the means to determine ecological risk-based remediation goals. ESNRs are defined as environmentally sensitive areas on or adjacent to contaminated sites. More specifically, an ESE calculates risk factors for non-domesticated terrestrial and aquatic plants and animals, but can also include domesticated species, such as livestock.

An ecological risk evaluation was not deemed necessary, or conducted, for the project area because Grover Cleveland Charter High School is located in a fully-developed urban setting, is occupied and surrounded predominately by commercial and residential building structures, and does not maintain natural resources required to support wildlife habitats.

9.0 COMMUNITY PROFILE AND OUTREACH

Grover Cleveland Charter High School is surrounded by a residential neighborhood consisting primarily of single-family homes. The students, staff and surrounding community were notified regarding the planned fieldwork. The Community Relations Group at LAUSD provided a general notification that was edited by the OEHS Project Manager and Pinnacle to describe the work to be conducted at the project area. The Community Relations Group at LAUSD and Pinnacle provided a spanish translation of the final notification. The following groups were provided with a copy of the notification.

- Surrounding Residences/businesses (219 total) – Mailed on November 16, 2016, to those on a list generated by the LAUSD Community Relations Group.
- School Teachers and Staff – Distributed to students on November 16, 2016, by mail.
- Parents of School Students (3,195 total with teachers and staff) – Distributed to students on November 16, 2016, by mail.
- Posted Notices – Placed at visible locations on fences and walls surrounding the project area.

Copies of the notification were also left for review in the Main Office at the school. A copy of the notice is provided as Appendix H.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Pinnacle has completed the following work at the project area.

- Eight-five soil borings were advanced by hand auger to a planned target depth of 2.5 feet bgs. Seventy-five of the 76 Stage I borings reached the target depth. Auger refusal occurred in Boring B56 at a depth of 0.8 feet bgs. Each of the nine Stage II borings reached the target depth of 2.5 feet bgs. All of the borings reached an adequate depth to delineate vertical extent of the COPCs.

- Saturated conditions were not encountered in any of the boreholes, so no groundwater grab samples were collected.

- Eighteen of the 80 soil samples analyzed for arsenic had reportable levels of arsenic at concentrations ranging from 4.6 to 65 mg/kg. Two borings (PB-7 and PB-58) reported arsenic at concentrations exceeding the LAUSD screening level of 12 mg/kg. These arsenic concentrations did not continue to depths greater than 2.5 feet bgs. The highest arsenic concentrations were not confined to a particular area and do not define a larger area of impacted soil. The cumulative Stage I and Stage II analytical data has a 95% UCL value for arsenic of 8.59 mg/kg, which is well below the state or federal arsenic screening levels used for residential soil.

- Eighteen of the 81 soil samples analyzed for lead had reportable levels of lead at concentrations ranging from 12 to 190 mg/kg. The highest lead concentrations were outliers that do not correlate with particular soil types or the project area location. The cumulative Stage I and Stage II analytical data has a 95% UCL value for lead of 26.55 mg/kg, which is well below the state or federal lead screening levels used for residential soil.

- Discrete 0.5-foot soil samples from 53 of the 76 Stage 1 soil borings were analyzed for OCPs. An additional 19 soil samples collected at 0.5 feet were composited into 8 samples for OCP analysis. OCPs were not detected above laboratory reporting limits in the composite samples. Four of the analyzed discrete samples had one detectable OCP. Two discrete samples, B37-0.5 and B48-0.5, had two detectable OCPs. Alpha-chlordane was detected in three of the shallowest samples (B4-0.5, B31-0.5, and B48-0.5) at a concentrations ranging from 5.6 to 21 μg/kg. Dieldrin was detected in three samples (B7-0.5, B33-0.5, and B37-0.5) at concentrations ranging from of 8.3 to 29 μg/kg.

Gamma-chlordane was identified in sample B48-0.5 at a concentration of 13 μg/kg. Endosulfan I was detected in sample B37-0.5 at a concentration of 5.8 μg/kg (Table 3). None of the detectable concentrations of OCPs exceeded the applicable screening level. No additional OCP analyses were required to delineate vertical or lateral extent.

- The two 0.5-foot soil samples analyzed for TPH (B7-0.5 and B58-0.5) did not contain detectable concentrations of gasoline-range hydrocarbons. Detectable concentrations of heavier-end TPH in both of the shallow samples were likely due to asphalt bits incorporated in the soil during sampling.

- Two pairs of nested soil vapor probes were installed adjacent to an interceptor in AOC-1. Each of the four soil vapor samples was analyzed for VOCs using EPA Method TO-15. One of the four samples had a TCE concentration of 620 μg/m^3, which exceeds the SL for TCE in residential soil vapor of 480 μg/m^3. Due to the clayey soils, no odors from the interceptor, and no other detections of TCE in soil vapor within two orders of magnitude of this sample, it was concluded that this one TCE detection did not indicate that a release from the interceptor had occurred. No additional investigation in the area of the interceptor is recommended.

- Imported fill was not identified at the site. The ground surface is most likely scarified and graded local clayey material, without depositional evidence and occasionally incorporating evidence of earlier structures.

- Three soil samples had lead concentrations greater than ten times the STLC for lead of 5 mg/L. Two of these samples (B7-0.5 and B37-0.5) analyzed using the STLC method had soluble lead concentration exceeding the STLC for soluble arsenic and lead. The third sample (B54-0.5) and one of the other two samples (B37-0.5) were also analyzed for soluble lead using the federal TCLP method. Neither sample had a detectable concentration above the TCLP RL for lead of 0.1 mg/L. One sample (B10-0.5) had an arsenic concentration greater than ten times the STLC for lead of 5 mg/L. It did not have a soluble arsenic concentration above the STLC RL of 5 mg/L.

- Based on the results of soluble lead test results, soil at 0.5 feet located at three boring locations (B7, B10 and B54) is characterized as a California hazardous waste. These soils do not extend to a depth greater than 1.5 feet bgs. Although the LAUSD screening levels for lead and arsenic were exceeded at other locations, the analytical results for the remainder of the project area indicate that these soils are non-hazardous.

Pinnacle provides the following recommendations based of the results of this assessment.

- Based on the results of this additional soil sampling and health screening, Pinnacle does not recommend additional investigation for the identified COPCs.

- Pinnacle recommends removal and offsite disposal of soil located at six locations in three of the five AOCs. These include soil boring locations B7, B10, B37, B54 and B58 and soil vapor probe location SV2. A surface area four feet square at each location would be adequate to mitigate the soil at depth. The soils at sampling locations B7, B10, B37 and B54 should be removed to a depth of 1.5 feet below the base of the current asphalt or surface (if in a planter area). The soils at B58 should be removed to a depth of 2.5 feet bgs. The soils at soil vapor probe location SV2 should be removed to a depth of 4 feet to reach beyond the depth of soil vapor collection at that location.

- Using a conservative bulk factor of 140% and density of 2,300 pounds per cubic yard for dry, clayey soils, an estimated 10.4 cubic yards (12 tons) of soil (on surface) will be produced by these six excavations. The soil will be characterized as a California hazardous waste for disposal purposes. The current data set should be suitable for profiling the material.

- Since vertical and lateral extent of the particular COPC has been documented at each location, additional confirmation sampling should not be required after recommended excavation and removal of soils from the project area.

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TABLE 1
PROPOSED SOIL SAMPLING SUMMARY

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Building or Area	Proposed Work	Concerns	Sampling Rationale	Area of Concern	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead			4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage			1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead			2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	1	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	1	2	SV1, SV2 (soil vapor)	VOCs - TO-15	3.5', 13.5' 3.5', 13.5'	2 2 +duplicate
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	2	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2, 3	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

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GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Building or Area	Proposed Work	Concerns	Sampling Rationale	Area of Concern	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	3	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	3	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	4	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	4	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

TABLE 1
PROPOSED SOIL SAMPLING SUMMARY

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Building or Area	Proposed Work	Concerns	Sampling Rationale	Area of Concern	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	4	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	4	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	5	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
				Total Number of Borings	78				
				Locations Requiring Coring	63				

TABLE 2
SUMMARY OF SOIL ANALYSES

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Boring No.	Project AOC	Sample Stage	Sample Depth	Arsenic	Arsenic	Lead	Lead	Lead	Title 22 Metals	OCPs	PCBs	TPH	VOCs
		1 or 2	feet	EPA 6010B	STLC	EPA 6010B	STLC	TCLP	6010B/7471A	EPA 8081A	EPA 8082	EPA 8015C	EPA 8260B
B1	1	1	0.5	X									
B2	1	1	0.5	X		X				X			
B3	1	1	0.5	X		X				X			
B4	1	1	0.5	X		X				X			
B5	1	1	0.5	X		X				X	X		
B6	1	1	0.5	X									
B7	1	1	0.5	X		X	X			X		X	
B7	1	1	1.5			X							
B8	1	1	0.5	X		X				X			
B9	1	1	0.5	X		X				X			
B10	1	1	0.5	X	X	X				X			
B10	1	1	1.5	X									
B11	1	1	0.5	X		X				X			
B12	2	1	0.5	X		X				X			
B13	2	1	0.5	X		X				X	X		
B14	2	1	0.5	X		X				X			
B15	2	1	0.5	X		X				X			
B16	2	1	0.5	X		X				X			
B17	2	1	0.5	X		X				X			
B18	2	1	0.5	X		X				X			
B19	2	1	0.5	X		X				X			
B20	2	1	0.5	X		X				X			
B21	2	1	0.5	X		X				X			
B22	2	1	0.5	X		X				X			
B23	2	1	0.5	X		X				X			
B24	2	1	0.5	X		X				X			
B25	2	1	0.5	X		X				X			
B26	2	1	0.5	X		X				X			
B27	2	1	0.5	X		X				X			
B28	2	1	0.5	X		X				X			
B29	2	1	0.5	X		X				X			
B30	2	1	0.5	X		X				X			
B31	2	1	0.5	X		X				X			
B32	2	1	0.5	X		X				X			
B33	2	1	0.5	X		X				X			
B34	2	1	0.5	X		X				X	X		
B35	2	1	0.5	X		X				X			
B36	2	1	0.5	X		X				X			
B37	2	1	0.5	X		X	X	X		X			
B37	2	1	1.5			X							
B38	2	1	0.5	X		X				X			
B39	2	1	0.5	X		X				X, C			
B40	2	1	0.5	X		X							
B41	2	1	0.5								X		
B42	2	1	0.5								X		
B43	3	1	0.5	X		X							
B44	3	1	0.5	X		X				X, C			
B45	3	1	0.5	X		X							
B46	3	1	0.5	X		X				X, C			
B47	3	1	0.5	X		X							
B48	3	1	0.5	X		X				X			
B49	3	1	0.5	X		X				X			
B50	3	1	0.5	X		X				X			
B51	3	1	0.5	X		X				X			
B52	3	1	0.5	X		X				X			
B53	3	1	0.5	X		X				X			
B54	3	1	0.5	X		X		X		X			
B54	3	1	1.5			X							
B55	3	1	0.5	X		X				X			
B56	3	1	0.5	X		X				X			

TABLE 2
SUMMARY OF SOIL ANALYSES

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Boring No.	Project AOC	Sample Stage	Sample Depth	Arsenic	Arsenic	Lead	Lead	Lead	Title 22 Metals	OCPs	PCBs	TPH	VOCs
		1 or 2	feet	EPA 6010B	STLC	EPA 6010B	STLC	TCLP	6010B/7471A	EPA 8081A	EPA 8082	EPA 8015C	EPA 8260B
B57	3	1	0.5	X		X				X	X		
B58	3	1	0.5	X		X				X	X	X	
B58	3	1	1.5	X									
B58	3	1	2.5	X									
B59	3	1	0.5	X		X							
B60	3	1	0.5	X		X				X, C			
B61	3	1	0.5	X		X							
B62	3	1	0.5	X		X							
B63	3	1	0.5	X		X				X, C			
B64	3	1	0.5	X		X							
B65	3	1	0.5	X		X							
B66	3	1	0.5	X		X				X, C			
B67	4	1	0.5	X		X							
B68	4	1	0.5	X		X				X, C			
B69	4	1	0.5	X		X				X			
B70	4	1	0.5	X		X				X	X		
B71	4	1	0.5	X		X				X			
B72	4	1	0.5	X		X							
B73	4	1	0.5	X		X				X, C			
B74	5	1	0.5	X		X				X	X		
B75	5	1	0.5	X		X				X			
B76	5	1	0.5	X		X				X			
B77	2	2	0.5			X							
B78	2	2	0.5			X							
B79	3	2	0.5			X							
B80	3	2	0.5			X							
B81	3	2	0.5			X							
B82	3	2	0.5			X							
B83	3	2	0.5	X									
B84	3	2	0.5	X									
B85	1	2	0.5	X									
DRUM	All	Both	All						X	X		X	X
Profile													X
Number of Analyses				80	1	81	2	2	1	61	9	3	2

NOTES:
X - Analysis performed on the designated sample
C- Composite Sample

TABLE 3
SUMMARY OF SOIL ANALYTICAL RESULTS

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Analyzed Compounds	Number of Analyzed Samples	Number of Samples with Detections	Range of Detections
Total Lead	**81**	**18**	**12-190 mg/kg**
Arsenic	**80**	**18**	**4.6-65 mg/kg**
OCPs	**62**	**6**	
alpha-chlordane	*62*	*3*	*5.6-21 ug/kg*
gamma-chlordane	*62*	*1*	*13 ug/kg*
Endosulfan I (endrin)	*62*	*1*	*5.8 ug/kg*
dieldrin	*62*	*3*	*8.3-29 ug/kg*
Title 22 Metals	***1***	***1***	
Barium	*1*	*1*	*110 mg/kg*
Cadmium	*1*	*1*	*2.0 mg/kg*
Chromium	*1*	*1*	*10 mg/kg*
Cobalt	*1*	*1*	*20 mg/kg*
Copper	*1*	*1*	*15 mg/kg*
Molybdenum	*1*	*1*	*4.4 mg/kg*
Nickel	*1*	*1*	*19 mg/kg*
Vanadium	*1*	*1*	*27 mg/kg*
Copper	*1*	*1*	*11 mg/kg*
TPH	***3***	***2***	
C13-C28 (diesel range)	*3*	*2*	*13-150 mg/kg*
C29-C40 (oill range)	*3*	*2*	*15-400 mg/kg*
VOCs	***2***	***0***	-
PCBs	***9***	***1***	
Aroclor 1260	*9*	*1*	*20 ug/kg*

Notes:

OCPs - Organochlorine Pesticides
TPH - Total Petroleum Hydrocarbons
VOCs - Volatile Organic Compounds
PCBs - Polychlorinated Biphenyls

mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
mdl - method detection limit

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PESTICIDES

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Organochlorine Pesticides (OCPs) (ug/kg)			
			alpha-Chlordane	gamma-Chlordane	Endosulfan I	Dieldrin
		EPA Method	EPA Method 8081A			
		Reporting Limit	5 ug/kg			
		EPA RSL	1,700	1,700	--	34
B2-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B3-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B4-0.5	1	1	5.6	ND < 5	ND < 5	ND < 5
B5-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B7-0.5	1	1	ND < 5	ND < 5	ND < 5	8.3
B8-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B9-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B10-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B11-0.5	1	1	ND < 5	ND < 5	ND < 5	ND < 5
B12-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B13-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B14-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B15-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B16-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B17-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B18-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B19-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B20-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B21-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B22-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B23-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B24-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B25-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B26-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B27-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PESTICIDES

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Organochlorine Pesticides (OCPs) (ug/kg)			
			alpha-Chlordane	gamma-Chlordane	Endosulfan I	Dieldrin
		EPA Method	EPA Method 8081A			
		Reporting Limit	5 ug/kg			
		EPA RSL	1,700	1,700	--	34
B28-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B29-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B30-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B31-0.5	2	1	5.6	ND < 5	ND < 5	ND < 5
B32-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B33-0.5	2	1	ND < 5	ND < 5	ND < 5	8.3
B34-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B35-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B36-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B37-0.5	2	1	ND < 5	ND < 5	5.8	29
B38-0.5	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B39-40-0.5 C	2	1	ND < 5	ND < 5	ND < 5	ND < 5
B43-45-0.5 C	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B46-47-0.5 C	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B48-0.5	3	1	21	13	ND < 5	ND < 5
B49-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B50-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B51-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B52-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B53-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B54-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B55-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B56-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B57-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B58-0.5	3	1	ND < 5	ND < 5	ND < 5	ND < 5

TABLE 4
SUMMARY OF SOIL ANALYTICAL RESULTS
PESTICIDES

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Organochlorine Pesticides (OCPs) (ug/kg)			
			alpha-Chlordane	gamma-Chlordane	Endosulfan I	Dieldrin
		EPA Method	EPA Method 8081A			
		Reporting Limit	5 ug/kg			
		EPA RSL	1,700	1,700	--	34
B59-61-0.5 C	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B62-64-0.5 C	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B65-66-0.5 C	3	1	ND < 5	ND < 5	ND < 5	ND < 5
B67-68-0.5 C	4	1	ND < 5	ND < 5	ND < 5	ND < 5
B69-0.5	4	1	ND < 5	ND < 5	ND < 5	ND < 5
B70-0.5	4	1	ND < 5	ND < 5	ND < 5	ND < 5
B71-0.5	4	1	ND < 5	ND < 5	ND < 5	ND < 5
B72-73-0.5 C	4	1	ND < 5	ND < 5	ND < 5	ND < 5
B74-0.5	5	1	ND < 5	ND < 5	ND < 5	ND < 5
B75-0.5	5	1	ND < 5	ND < 5	ND < 5	ND < 5
B76-0.5	5	1	ND < 5	ND < 5	ND < 5	ND < 5

NOTES:

Pesticides not included on this table were not detected above the laboratory reporting limit.

ug/kg - micrograms per kilogram

ND - Compound not present above the given reporting limit

EPA RSL - US Environmental Protection Agency Regional Screening Level (residential soil), May 2016

C - Composite sample

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
LEAD AND ARSENIC

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Total Lead	Arsenic
		EPA Method	6010B	
		Screening Level	80 mg/kg	12 mg/kg
Hazardous Waste Criteria		**TTLC**	1,000 mg/kg	500 mg/kg
		10 x STLC	50 ug/L	50 ug/L
B1-0.5	1	1	NA	ND < 5
B2-0.5	1	1	33	5.1
B3-0.5	1	1	ND < 3	ND < 5
B4-0.5	1	1	ND < 3	ND < 5
B5-0.5	1	1	ND < 2.7	ND < 4.5
B6-0.5	1	1	NA	ND < 4.5
B7-0.5	1	1	**88**	ND < 4.5
B7-1.5	1	1	35	NA
B8-0.5	1	1	ND < 3	ND < 5
B9-0.5	1	1	ND < 3	ND < 5
B10-0.5	1	1	ND < 3	**65**
B10-1.5	1	1	NA	ND < 4.5
B11-0.5	1	1	ND < 2.7	ND < 4.5
B12-0.5	2	1	ND < 2.3	ND < 3.8
B13-0.5	2	1	ND < 2.7	ND < 4.5
B14-0.5	2	1	ND < 2.7	ND < 4.5
B15-0.5	2	1	ND < 2.3	ND < 3.8
B16-0.5	2	1	ND < 3	ND < 5
B17-0.5	2	1	ND < 2.7	ND < 4.5
B18-0.5	2	1	ND < 2.7	ND < 4.5
B19-0.5	2	1	ND < 3	ND < 5
B20-0.5	2	1	ND < 3	ND < 5
B21-0.5	2	1	ND < 3	ND < 5
B22-0.5	2	1	ND < 3	ND < 5
B23-0.5	2	1	44	ND < 5
B24-0.5	2	1	ND < 2.7	ND < 4.5
B25-0.5	2	1	ND < 3	5.8

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
LEAD AND ARSENIC

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Total Lead	Arsenic
		EPA Method	6010B	
		Screening Level	80 mg/kg	12 mg/kg
Hazardous Waste Criteria		**TTLC**	1,000 mg/kg	500 mg/kg
		10 x STLC	50 ug/L	50 ug/L
B26-0.5	2	1	ND < 3	ND < 5
B27-0.5	2	1	ND < 3	ND < 5
B28-0.5	2	1	ND < 3	ND < 5
B29-0.5	2	1	ND < 3	ND < 5
B30-0.5	2	1	ND < 3	ND < 5
B31-0.5	2	1	ND < 3	ND < 5
B32-0.5	2	1	ND < 3	ND < 5
B33-0.5	2	1	ND < 3	ND < 5
B34-0.5	2	1	ND < 2.7	ND < 4.5
B35-0.5	2	1	27	ND < 5
B36-0.5	2	1	ND < 3	ND < 5
B37-0.5	2	1	**190**	ND < 4.5
B37-1.5	2	1	ND < 3	NA
B38-0.5	2	1	ND < 3	ND < 5
B39-0.5	2	1	ND < 3	ND < 5
B40-0.5	2	1	ND < 3	ND < 5
B41-0.5	2	1	NA	NA
B42-0.5	2	1	NA	NA
B43-0.5	3	1	35	ND < 4.5
B44-0.5	3	1	ND < 3	ND < 5
B45-0.5	3	1	22	5.0
B46-0.5	3	1	ND < 3	5.1
B47-0.5	3	1	ND < 3	ND < 5
B48-0.5	3	1	38	ND < 4.5
B49-0.5	3	1	20	6.0
B50-0.5	3	1	ND < 3	ND < 5
B51-0.5	3	1	23	ND < 5

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
LEAD AND ARSENIC

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Total Lead	Arsenic
		EPA Method	6010B	
		Screening Level	80 mg/kg	12 mg/kg
Hazardous Waste Criteria		**TTLC**	1,000 mg/kg	500 mg/kg
		10 x STLC	50 ug/L	50 ug/L
B52-0.5	3	1	29	ND < 5
B53-0.5	3	1	ND < 2.7	4.6
B54-0.5	3	1	**150**	ND < 4.5
B54-1.5	3	1	ND < 2.7	NA
B55-0.5	3	1	ND < 3	ND < 5
B56-0.5	3	1	ND < 2.7	ND < 4.5
B57-0.5	3	1	22	5.8
B58-0.5	3	1	32	**14**
B58-1.5	3	1	NA	**18**
B58-2.5	3	1	NA	9.1
B59-0.5	3	1	ND < 3	5.0
B60-0.5	3	1	ND < 3	ND < 5
B61-0.5	3	1	22	ND < 5
B62-0.5	3	1	ND < 2.7	ND < 4.5
B63-0.5	3	1	ND < 2.7	4.6
B64-0.5	3	1	ND < 3	ND < 5
B65-0.5	3	1	ND < 2.7	4.8
B66-0.5	3	1	ND < 3	5.0
B67-0.5	4	1	ND < 2.7	ND < 4.5
B68-0.5	4	1	45	ND < 4.5
B69-0.5	4	1	ND < 2.7	5.1
B70-0.5	4	1	ND < 3	ND < 5
B71-0.5	4	1	ND < 2.7	ND < 4.5
B72-0.5	4	1	ND < 3	ND < 5
B73-0.5	4	1	ND < 2.7	ND < 4.5
B74-0.5	5	1	ND < 2.7	ND < 4.5
B75-0.5	5	1	ND < 3	ND < 5

TABLE 5
SUMMARY OF SOIL ANALYTICAL RESULTS
LEAD AND ARSENIC

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Total Lead	Arsenic
		EPA Method	6010B	
		Screening Level	80 mg/kg	12 mg/kg
Hazardous Waste Criteria		**TTLC**	1,000 mg/kg	500 mg/kg
		10 x STLC	50 ug/L	50 ug/L
B76-0.5	5	1	ND < 3	ND < 5
B77-0.5	2	2	12	NA
B78-0.5	2	2	ND < 2.7	NA
B79-0.5	3	2	ND < 2.7	NA
B80-0.5	3	2	ND < 2.5	NA
B81-0.5	3	2	ND < 2.7	NA
B82-0.5	3	2	ND < 2.5	NA
B83-0.5	3	2	NA	ND < 4.5
B84-0.5	3	2	NA	7.2
B85-0.5	1	2	NA	5.1
		95% UCL for data set	26.55	8.59

NOTES:
All values except STLC reported in milligrams per kilogram (mg/kg)
mg/L - milligrams per liter
mg/kg - milligrams per kilogram
ND - Not detected above the specified detection limit
NA - Not analyzed
EPA - US Environmental Protection Agency
TTLC - Total Threshold Limit Concentration
STLC - Soluble Threshold Limit Concentration

TABLE 6
SUMMARY OF SOIL ANALYTICAL RESULTS
PCBS

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Polychlorinated Biphenyls (Aroclors) (ug/kg)						
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
EPA Method			EPA Method 8082						
Reporting Limit			10 ug/kg						
EPA RSL			6,700	200	170	230	230	240	240
B5-0.5	1	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B13-0.5	2	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B34-0.5	2	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B41-0.5	2	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B42-0.5	2	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B57-0.5	3	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	20
B58-0.5	3	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B70-0.5	4	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
B74-0.5	5	1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10

NOTES:

AOC - Area of Concern

ug/kg - micrograms per kilogram

ND - Compound not present above the given reporting limit

EPA RSL - US Environmental Protection Agency Regional Screening Level (residential soil), May 2016

TABLE 7
SUMMARY OF SOIL ANALYTICAL RESULTS
SOLUBLE LEAD AND ARSENIC

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Project AOC	Stage 1 or 2	Total and Soluble Waste Concentrations					Waste Characterization
			Lead	Lead STLC	Lead TCLP	Arsenic	Arsenic STLC	
		EPA Method	6010B	STLC	TCLP	6010B	STLC	
		Reporting Limit	various	0.2	0.1	various	5	
		Units	mg/kg	mg/L	mg/L	mg/kg	mg/L	
		Hazardous Waste Limit	1,000	5	5	500	5	
B7-0.5	1	1	88	**6.7**	--	--	--	California Hazardous
B10-0.5	1	1	--	--	--	65	ND	Non-Hazardous
B37-0.5	1	1	190	**6.6**	ND	--	--	California Hazardous
B54-0.5	1	1	150	--	ND	--	--	California Hazardous

TABLE 8
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS
VOCS

GROVER CLEVELAND HIGH SCHOOL
8140 Vanalden Avenue
Reseda, California

Sample Number	Volatile Organic Compounds (ug/m^3)				
	TCE	**PCE**	**Benzene**	**Toluene**	**m,p-Xylene**
EPA Method	TO-15				
Reporting Limit	5.5	6.9	3.3	3.8	8.8
Screening Level	480	230	360	520,000	10,000
SV1-3.5	16	ND	ND	ND	11
SV1-13.5	5.5	ND	5.5	ND	ND
SV2-3.5	**620**	ND	ND	ND	ND
SV2-13.5	56	14	10	4.6	10
SV2-13.5 Dup	ND	ND	4.7	ND	10

NOTES:

VOCS not included on this table were not detected above the laboratory reporting limit.

ug/m^3 - micrograms per cubic meter

RSL - Regional screening level

Screening Level - Based on the May 2016 EPA residential carcinogenic RSL when available, or noncarcinogenic RSL, multiplied by the 0.001 attenutation factor.

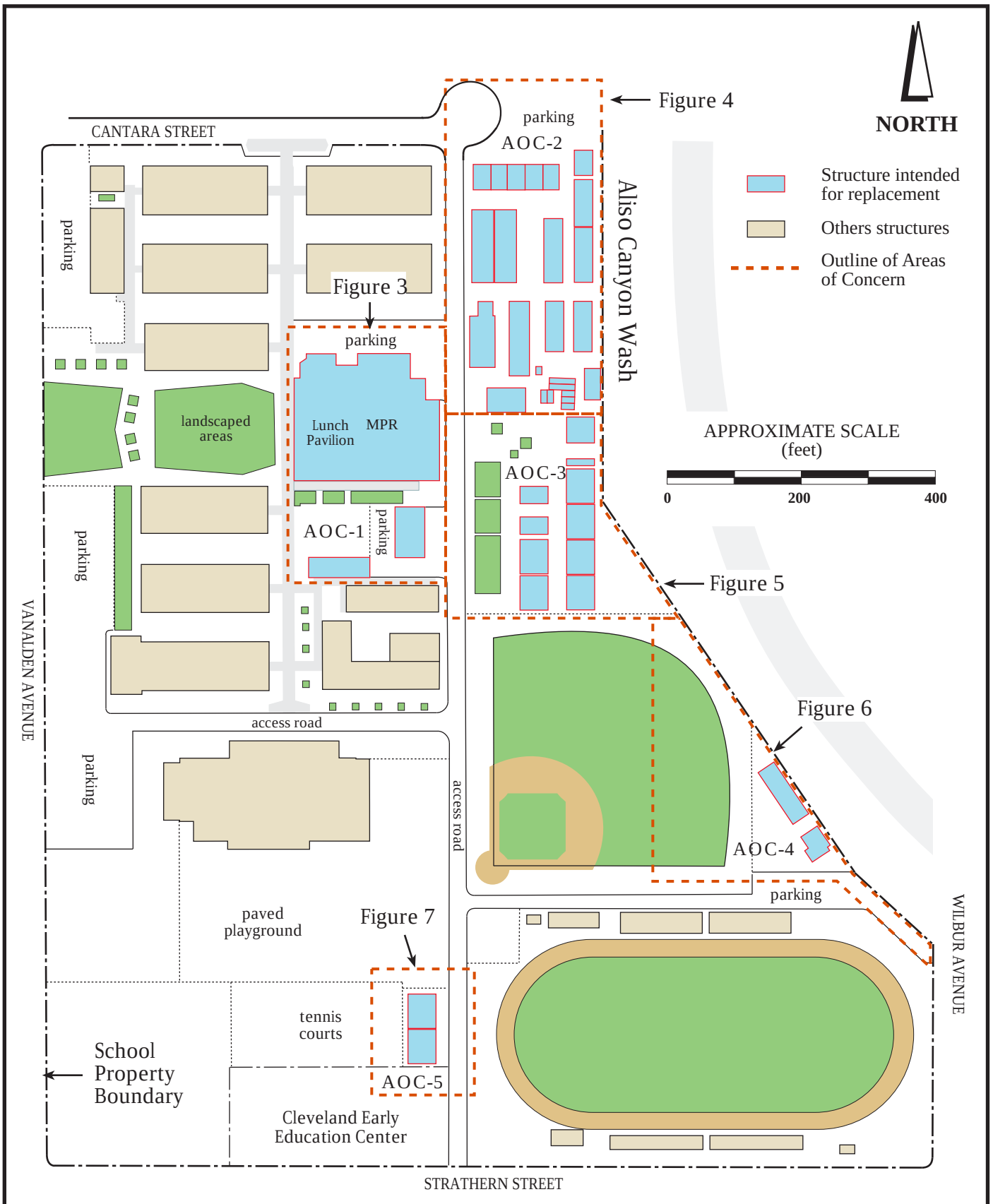
Vapor concentrations that exceed the estimated RSL are bolded

SCALE
(feet)

0 200 400

NORTH

PINNACLE ENVIRONMENTAL TECHNOLOGIES #2 Santa Maria, Foothill Ranch, CA 92610 Tel: (949) 470-3691 • Fax: (949) 595-0459	**Grover Cleveland Charter High School 8140 Vanalden Avenue Reseda, California**	**Site Location Map**	**Figure 1**



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Grover Cleveland Charter High School
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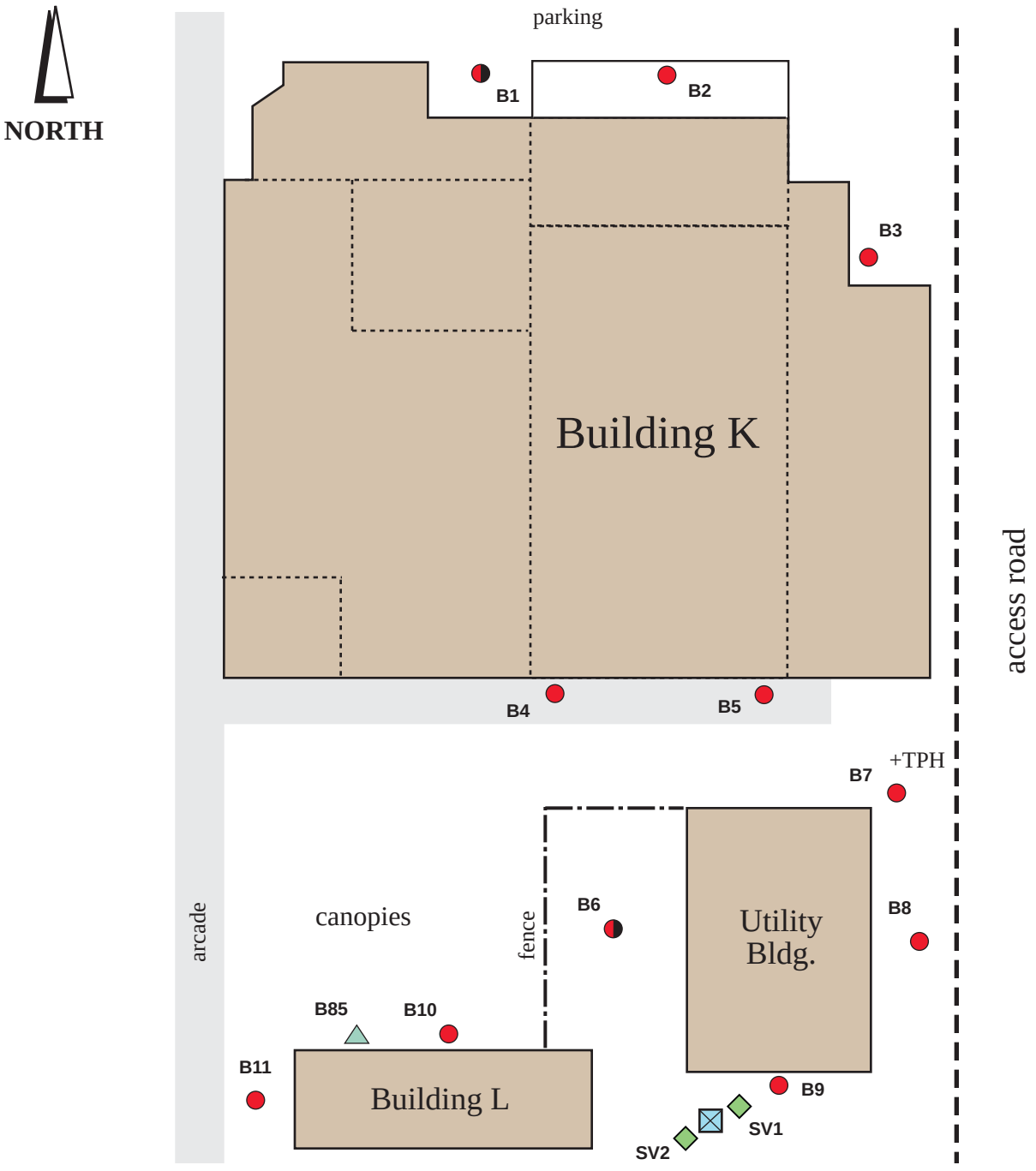
Reseda, California

AOC Location Index Map

Figure 2



Interceptor location

Structures intended for removal

APPROXIMATE SCALE
(feet)

0 50 100

B85 — Stepout soil sampling locations with boring number, arsenic analysis

B6 — Initial soil sampling locations with boring number, arsenic analysis

B8 — Initial soil sampling locations with boring number, lead, arsenic and OCP analysis

SV2 — Soil and soil vapor sampling location with location number, TPH, metals and VOCs analysis for soil, VOCs analysis for soil vapor

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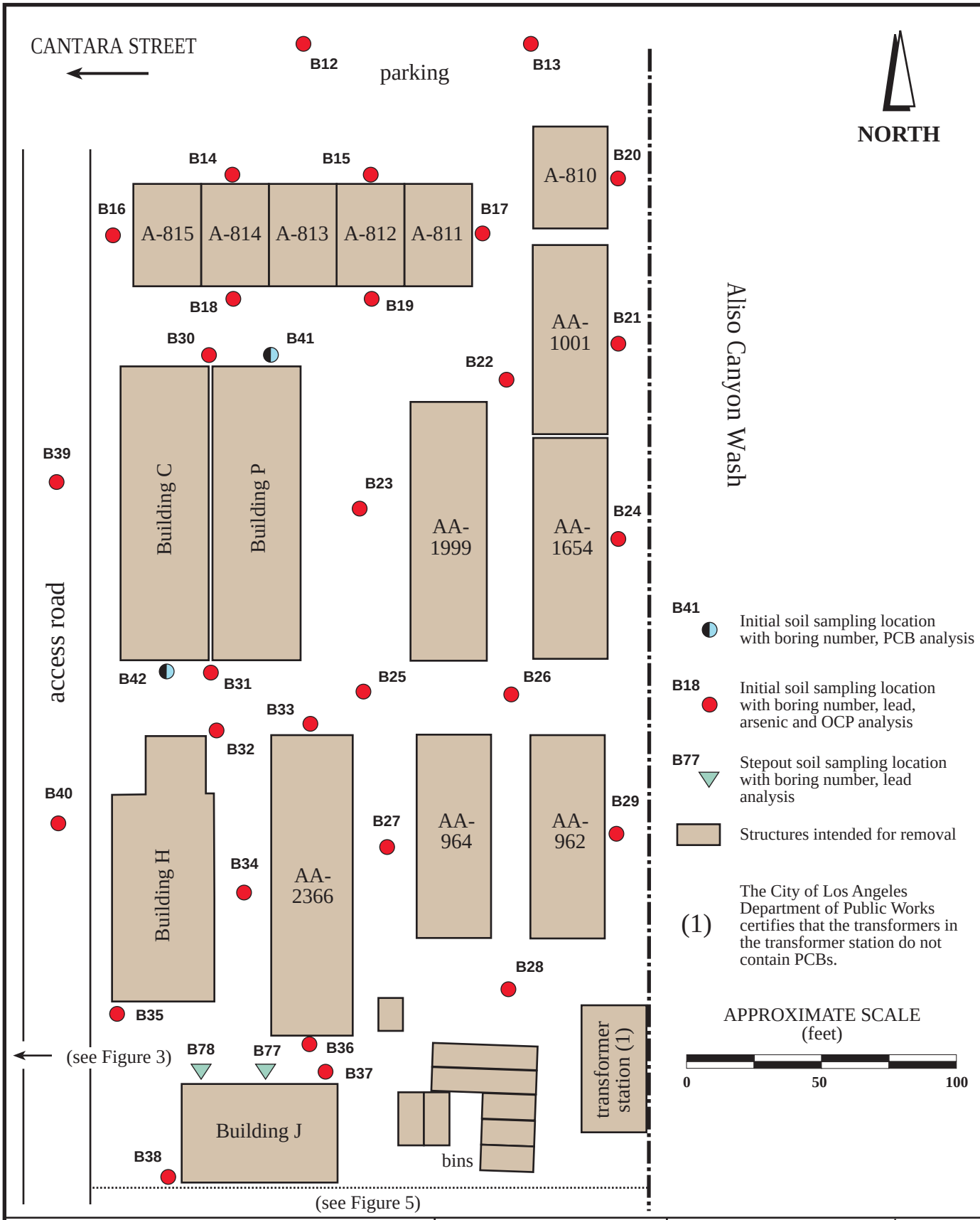
8140 Vanalden Avenue
Reseda, California

AOC-1
Soil Sampling Locations
(Bldgs K, L, Util)

Figure 3



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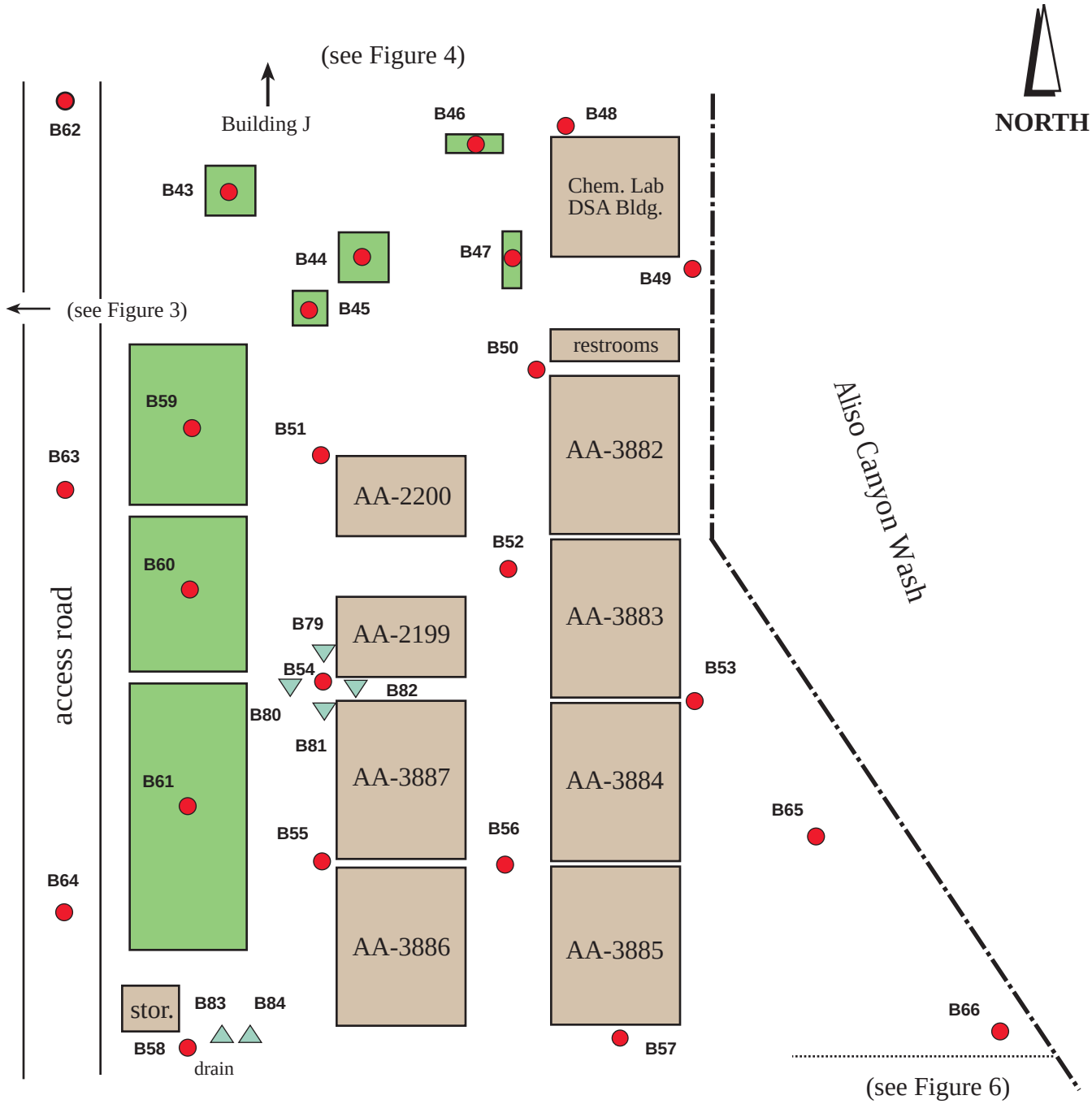
Reseda, California

AOC-2 Soil Sampling Locations
(Bldgs C, P, H, J, AA-962, 964, 810/5, 1001, 1964, 1999)

Figure 4



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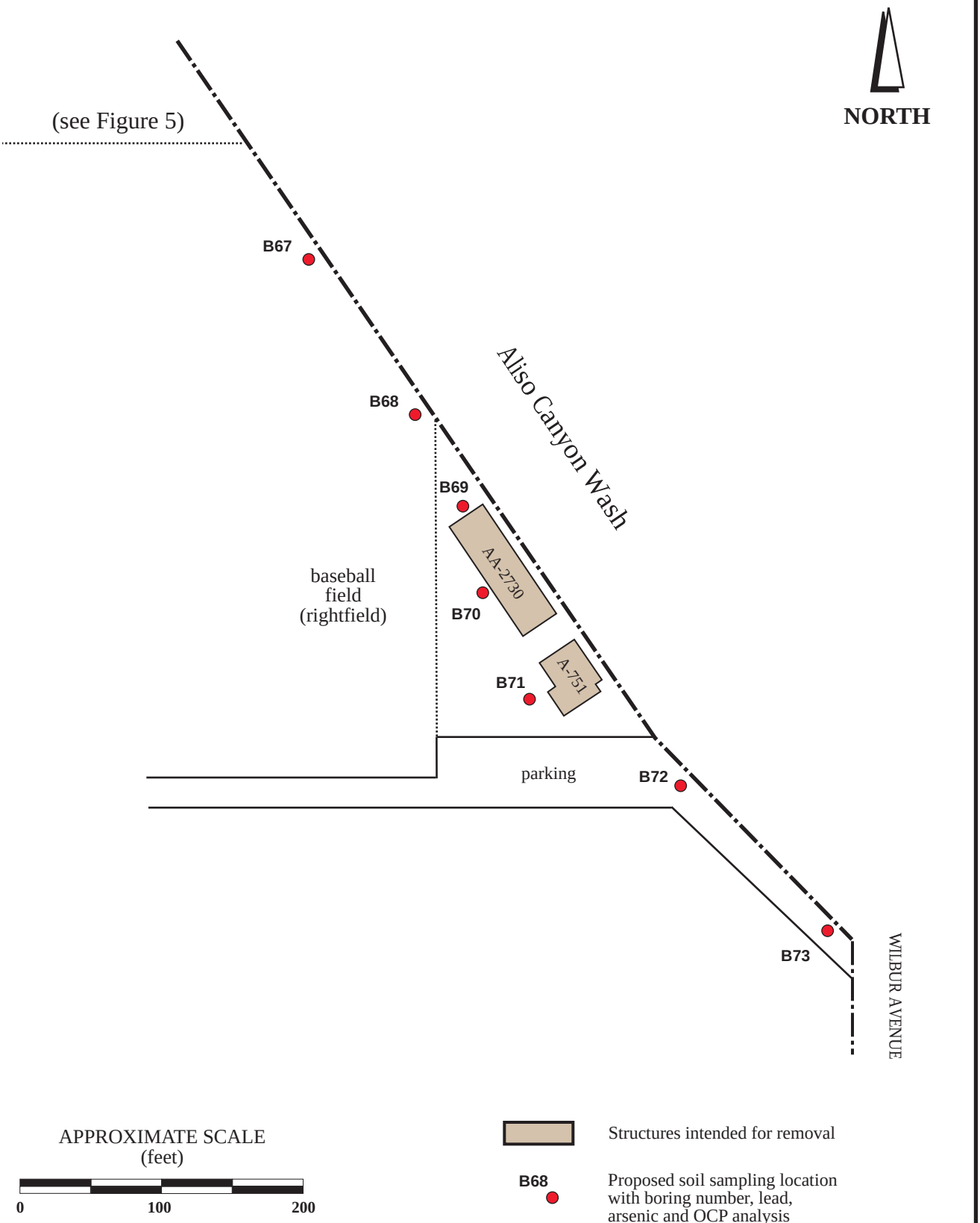
Reseda, California

AOC-3 Soil Sampling Locations
(Bldgs AA-2199, 2200, 3882/7, Chem Lab, Rest.)

Figure 5



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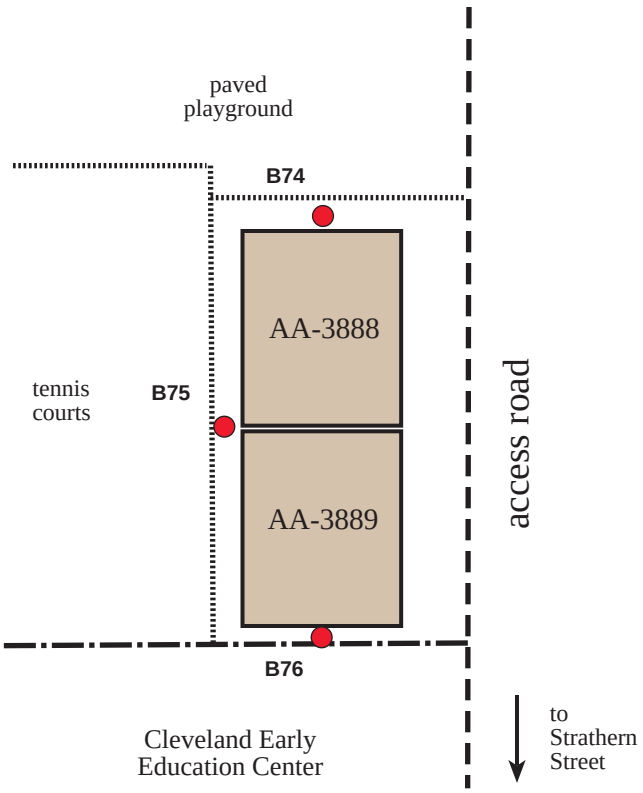
Grover Cleveland Charter High School
8140 Vanalden Avenue
Reseda, California

AOC-4
Soil Sampling Locations
(Bldgs AA-2730, A-751)

Figure 6



APPROXIMATE SCALE
(feet)

0 50 100

Structures intended for removal

B75 Proposed soil sampling location with boring number, lead, arsenic and OCP analysis

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Grover Cleveland Charter High School
8140 Vanalden Avenue
Reseda, California

AOC-5
Soil Sampling Locations
(Bldgs AA-3888/9)

Figure 7

APPENDIX A

PINNACLE ENVIRONMENTAL TECHNOLOGIES
GENERAL FIELD PROCEDURES

APPENDIX A
GENERAL FIELD PROCEDURES

The following sections outline the general field procedures and protocols followed by Pinnacle Environmental Technologies (Pinnacle) in the completion of field tasks. Some, but not necessarily all, of these procedures were used during this investigation. Any deviation from the procedures outlined here due to unique or unforeseen circumstances will be noted in the body of the applicable report. The following tasks are detailed:

- Soil Sample Collection - Direct Push Rigs, Hollow Stem Auger Sampling
- Soil Classification and Logging
- Chain-of-Custody Protocol

Soil Sample Collection

Soil samples are collected to allow soil description/classification and for laboratory analysis. Samples may be collected using a variety of different techniques including: hollow stem auger rigs (drop hammer samplers), direct push rigs, composite grab samplers, or excavation samples. The sampling technique utilized will be selected based on the particular phase of work and sample requirements. All soil samples collected during drilling operations are also monitored for volatile organic vapors. This is accomplished using a photo-ionization detector (PID) monitor the soil either at the ends of sample tubes or after it has been placed in sealed seam-sealing plastic bags. The maximum PID and LEL readings are recorded on the boring log. Field headspace readings are also used to determine if a soil sample will be analyzed in the laboratory.

Direct-Push Drill Rigs

Samples collected using direct-push techniques are collected in either brass/stainless steel tubes or acetate sleeves. The sampling device is advanced using hydraulic pressure and a hammer into undisturbed soil ahead of the sampler. The sleeves or tubes are removed from the sampling device after retrieving the sampler from the boring. If acetate sleeves are used, the sleeve is examined and the sample portion selected for laboratory analysis is cut off from the main sleeve. A 4 to 6-inch portion is typically removed for laboratory analysis. After the sample tubes are retrieved from the sampler, each tube is sealed using Teflon tape and plastic end caps. Each sample tube is labeled with the sample identification, date and time of sampling, and sample site identification. The sample is then placed in a cooler chilled with either blue ice or “wet” ice for transport to the laboratory.

Hollow Stem Auger Sampling

Hollow stem auger samples are typically collected in split tube samples, "California" samplers, or Shelby tubes. When a sample for laboratory analysis or standard penetration test (SPT) data is required, the sampler is driven into undisturbed soil with a down hole or standard 140 pound geotechnical hammer. The sampler is lined with brass/stainless steel (if required for metal analysis) tubes for handling the undisturbed samples at the surface. Tubes are not used for SPTs. After bringing the sampler to the surface and removing the tubes with sample, they are handled as described earlier in this section. Samples for description are released from the sampler shoe and placed into a Ziploc bag for headspace analysis and visual inspection. Disturbed samples for geotechnical analysis are placed in Ziploc bags.

All augers, rods and/or samplers used to collect soil at the Site were steam-cleaned between locations.

Soil Classification and Logging

Soils are classified in the field in conformance with the Unified Soil Classification System (USCS-ASTM D2487).

A boring log is maintained for soil borings and well installations. Each log records the sample identification, collection location, depth and interval; number of blows required for sample collection (drop hammer samplers only); USCS soil type, color, field density estimation, field moisture content estimation, physical characteristics (grain size, sorting, roundness, odors, and other distinguishing characteristics); and, time of sample collection.

If a boring is not converting to a well, it is backfilled with either hydrated bentonite chips, Volclay grout, bentonite cement, Portland cement, or a combination of the above. Borings are backfilled in accordance with any prevailing local standards and regulations.

Chain-of-Custody Protocol

All soil samples that are collected are documented using chain-of-custody (COC) procedures. Each sample is identified and entered onto the COC record along with the date and time of collection and the type and number of sample containers. COC documents also typically used to document which analyses are completed on each sample. The COC follows the samples from the field to the laboratory and is a legal document recording who had possession of the samples at all times.

The soil samples were delivered to the laboratory on the day of sample collection. They were immediately put into a refrigerator after acceptance by the laboratory.

APPENDIX B

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION FOR STAGE 1 SOIL SAMPLES

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

30 November 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-0.5	T163015-01	Soil	11/22/16 15:00	11/23/16 08:07
B2-0.5	T163015-04	Soil	11/21/16 14:00	11/23/16 08:07
B3-0.5	T163015-07	Soil	11/21/16 14:30	11/23/16 08:07
B4-0.5	T163015-10	Soil	11/21/16 10:10	11/23/16 08:07
B5-0.5	T163015-13	Soil	11/21/16 10:45	11/23/16 08:07
B6-0.5	T163015-16	Soil	11/22/16 15:05	11/23/16 08:07
B7-0.5	T163015-19	Soil	11/21/16 11:25	11/23/16 08:07
B8-0.5	T163015-22	Soil	11/22/16 15:10	11/23/16 08:07
B9-0.5	T163015-25	Soil	11/22/16 15:35	11/23/16 08:07
B10-0.5	T163015-28	Soil	11/22/16 16:10	11/23/16 08:07
B11-0.5	T163015-31	Soil	11/22/16 15:40	11/23/16 08:07
B12-0.5	T163015-34	Soil	11/21/16 08:15	11/23/16 08:07
B13-0.5	T163015-37	Soil	11/21/16 08:50	11/23/16 08:07
B14-0.5	T163015-40	Soil	11/21/16 09:25	11/23/16 08:07
B15-0.5	T163015-43	Soil	11/21/16 10:05	11/23/16 08:07
B16-0.5	T163015-46	Soil	11/22/16 14:05	11/23/16 08:07
B17-0.5	T163015-49	Soil	11/21/16 09:55	11/23/16 08:07
B18-0.5	T163015-52	Soil	11/21/16 08:40	11/23/16 08:07
B19-0.5	T163015-55	Soil	11/21/16 09:15	11/23/16 08:07
B20-0.5	T163015-58	Soil	11/21/16 13:10	11/23/16 08:07
B21-0.5	T163015-61	Soil	11/21/16 13:40	11/23/16 08:07
B22-0.5	T163015-64	Soil	11/21/16 14:50	11/23/16 08:07
B23-0.5	T163015-67	Soil	11/21/16 10:30	11/23/16 08:07
B24-0.5	T163015-70	Soil	11/21/16 14:10	11/23/16 08:07
B25-0.5	T163015-73	Soil	11/21/16 11:00	11/23/16 08:07
B26-0.5	T163015-76	Soil	11/21/16 11:25	11/23/16 08:07

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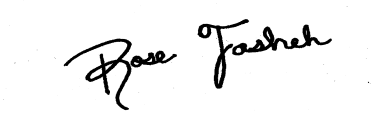

Rose Fasheh, Project Manager

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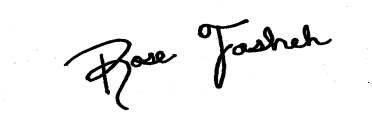
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B27-0.5	T163015-79	Soil	11/22/16 07:45	11/23/16 08:07

SunStar Laboratories, Inc.



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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

DETECTIONS SUMMARY

Sample ID: B1-0.5 **Laboratory ID:** T163015-01

No Results Detected

Sample ID: B2-0.5 **Laboratory ID:** T163015-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.1**	5.0	mg/kg	EPA 6010B	
Lead	**33**	3.0	mg/kg	EPA 6010B	

Sample ID: B3-0.5 **Laboratory ID:** T163015-07

No Results Detected

Sample ID: B4-0.5 **Laboratory ID:** T163015-10

Analyte	Result	Reporting Limit	Units	Method	Notes
alpha-Chlordane	**5.6**	5.0	ug/kg	EPA 8081A	

Sample ID: B5-0.5 **Laboratory ID:** T163015-13

No Results Detected

Sample ID: B6-0.5 **Laboratory ID:** T163015-16

No Results Detected

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Sample ID: B7-0.5 **Laboratory ID:** T163015-19

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**13**	10	mg/kg	EPA 8015C	
C29-C40 (MORO)	**15**	10	mg/kg	EPA 8015C	
Lead	**88**	2.7	mg/kg	EPA 6010B	
Dieldrin	**8.3**	5.0	ug/kg	EPA 8081A	

Sample ID: B8-0.5 **Laboratory ID:** T163015-22

No Results Detected

Sample ID: B9-0.5 **Laboratory ID:** T163015-25

No Results Detected

Sample ID: B10-0.5 **Laboratory ID:** T163015-28

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**65**	4.5	mg/kg	EPA 6010B	

Sample ID: B11-0.5 **Laboratory ID:** T163015-31

No Results Detected

Sample ID: B12-0.5 **Laboratory ID:** T163015-34

No Results Detected

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Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Sample ID: B13-0.5 **Laboratory ID:** T163015-37

No Results Detected

Sample ID: B14-0.5 **Laboratory ID:** T163015-40

No Results Detected

Sample ID: B15-0.5 **Laboratory ID:** T163015-43

No Results Detected

Sample ID: B16-0.5 **Laboratory ID:** T163015-46

No Results Detected

Sample ID: B17-0.5 **Laboratory ID:** T163015-49

No Results Detected

Sample ID: B18-0.5 **Laboratory ID:** T163015-52

No Results Detected

Sample ID: B19-0.5 **Laboratory ID:** T163015-55

No Results Detected

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Sample ID: B20-0.5 **Laboratory ID:** T163015-58

No Results Detected

Sample ID: B21-0.5 **Laboratory ID:** T163015-61

No Results Detected

Sample ID: B22-0.5 **Laboratory ID:** T163015-64

No Results Detected

Sample ID: B23-0.5 **Laboratory ID:** T163015-67

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**44**	3.0	mg/kg	EPA 6010B	

Sample ID: B24-0.5 **Laboratory ID:** T163015-70

No Results Detected

Sample ID: B25-0.5 **Laboratory ID:** T163015-73

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.8**	5.0	mg/kg	EPA 6010B	

Sample ID: B26-0.5 **Laboratory ID:** T163015-76

No Results Detected

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Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Sample ID: B27-0.5 **Laboratory ID:** T163015-79

No Results Detected

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B1-0.5

T163015-01 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B2-0.5

T163015-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**5.1**	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	**33**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*56.8 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B3-0.5

T163015-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*50.4 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B4-0.5

T163015-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	**5.6**	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*55.6 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B5-0.5

T163015-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.9 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*52.0 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B5-0.5

T163015-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*71.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*79.1 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B6-0.5

T163015-16 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B7-0.5

T163015-19 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6112238	11/22/16	11/23/16	EPA 8015C	
C13-C28 (DRO)	**13**	10	"	"	"	"	"	"	
C29-C40 (MORO)	**15**	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*83.7 %*	*65-135*		"	"	"	"	
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	**88**	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	**8.3**	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.0 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*45.5 %*	*35-140*		"	"	"	"	

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Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B7-0.5

T163015-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B8-0.5

T163015-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*45.8 %*		*35-140*	"	"	"	"	

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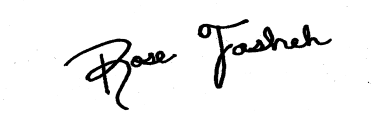

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B9-0.5

T163015-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*47.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*45.6 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B10-0.5

T163015-28 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**65**	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*47.8 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B11-0.5

T163015-31 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*48.7 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*51.6 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B12-0.5

T163015-34 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	3.8	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.3	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.9 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*59.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B13-0.5

T163015-37 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*48.6 %*		*35-140*	"	"	"	"	

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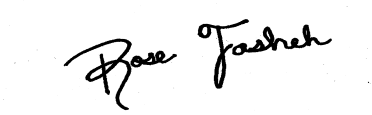

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B13-0.5

T163015-37 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*70.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*79.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B14-0.5

T163015-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*47.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*48.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B15-0.5

T163015-43 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	3.8	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.3	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.7 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B16-0.5

T163015-46 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*49.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B17-0.5

T163015-49 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*48.0 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B18-0.5

T163015-52 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*51.2 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B19-0.5

T163015-55 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*52.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*59.4 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B20-0.5

T163015-58 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112314	11/23/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*61.0 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B21-0.5

T163015-61 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.7 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*60.5 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B22-0.5

T163015-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112315	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*61.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B23-0.5

T163015-67 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	**44**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*105 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*93.3 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B24-0.5

T163015-70 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*91.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*78.5 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B25-0.5

T163015-73 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**5.8**	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*112 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*94.3 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B26-0.5

T163015-76 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*109 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*96.4 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

B27-0.5

T163015-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*108 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*91.5 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112238 - EPA 3550B GC										
Blank (6112238-BLK1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*86.8*		*"*	*101*		*86.0*	*65-135*			
LCS (6112238-BS1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C13-C28 (DRO)	540	10	mg/kg	505		107	75-125			
Surrogate: p-Terphenyl	*89.8*		*"*	*101*		*88.9*	*65-135*			
LCS Dup (6112238-BSD1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C13-C28 (DRO)	480	10	mg/kg	495		97.9	75-125	11.0	20	
Surrogate: p-Terphenyl	*79.1*		*"*	*99.0*		*79.8*	*65-135*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112314 - EPA 3051										
Blank (6112314-BLK1)				Prepared: 11/23/16 Analyzed: 11/30/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6112314-BS1)				Prepared: 11/23/16 Analyzed: 11/30/16						
Arsenic	98.0	5.0	mg/kg	100		98.0	75-125			
Lead	101	3.0	"	100		101	75-125			
Matrix Spike (6112314-MS1)	**Source: T163015-01**			Prepared: 11/23/16 Analyzed: 11/30/16						
Arsenic	91.2	5.0	mg/kg	100	0.491	90.7	75-125			
Lead	92.0	3.0	"	100	7.42	84.6	75-125			
Matrix Spike Dup (6112314-MSD1)	**Source: T163015-01**			Prepared: 11/23/16 Analyzed: 11/30/16						
Arsenic	79.0	4.5	mg/kg	90.9	0.491	86.4	75-125	14.3	20	
Lead	81.8	2.7	"	90.9	7.42	81.8	75-125	11.8	20	
Batch 6112818 - EPA 3051										
Blank (6112818-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6112818-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	115	5.0	mg/kg	100		115	75-125			
Lead	117	3.0	"	100		117	75-125			
Matrix Spike (6112818-MS1)	**Source: T163015-61**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	84.8	5.0	mg/kg	100	1.95	82.9	75-125			
Lead	88.2	3.0	"	100	ND	88.2	75-125			

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112818 - EPA 3051										
Matrix Spike Dup (6112818-MSD1)	**Source: T163015-61**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	84.8	5.0	mg/kg	100	1.95	82.9	75-125	0.0343	20	
Lead	84.9	3.0	"	100	ND	84.9	75-125	3.73	20	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112313 - EPA 3550 ECD/GCMS										
Blank (6112313-BLK1)				Prepared: 11/23/16 Analyzed: 11/30/16						
alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Surrogate: Tetrachloro-meta-xylene	*10.1*		*"*	*10.0*		*101*	*35-140*			
Surrogate: Decachlorobiphenyl	*9.65*		*"*	*10.0*		*96.5*	*35-140*			
LCS (6112313-BS1)				Prepared: 11/23/16 Analyzed: 11/30/16						
gamma-BHC (Lindane)	26.8	5.0	ug/kg	40.0		66.9	40-120			
Heptachlor	29.0	5.0	"	40.0		72.4	40-120			
Aldrin	31.1	5.0	"	40.0		77.9	40-120			
Dieldrin	31.4	5.0	"	40.0		78.5	40-120			
Endrin	30.5	5.0	"	40.0		76.3	40-120			
4,4´-DDT	20.6	5.0	"	40.0		51.4	33-147			
Surrogate: Tetrachloro-meta-xylene	*8.31*		*"*	*10.0*		*83.1*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.95*		*"*	*10.0*		*89.5*	*35-140*			

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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.

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

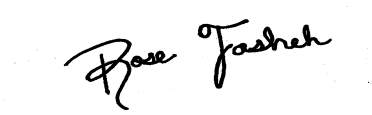
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112313 - EPA 3550 ECD/GCMS										
LCS Dup (6112313-BSD1)				Prepared: 11/23/16 Analyzed: 11/30/16						
gamma-BHC (Lindane)	28.5	5.0	ug/kg	40.0		71.2	40-120	6.24	30	
Heptachlor	32.4	5.0	"	40.0		81.1	40-120	11.3	30	
Aldrin	34.9	5.0	"	40.0		87.3	40-120	11.5	30	
Dieldrin	33.5	5.0	"	40.0		83.7	40-120	6.47	30	
Endrin	33.4	5.0	"	40.0		83.6	40-120	9.07	30	
4,4´-DDT	33.6	5.0	"	40.0		83.9	33-147	48.0	30	QR-02
Surrogate: Tetrachloro-meta-xylene	*10.4*		*"*	*10.0*		*104*	*35-140*			
Surrogate: Decachlorobiphenyl	*10.2*		*"*	*10.0*		*102*	*35-140*			
Batch 6112315 - EPA 3550 ECD/GCMS										
Blank (6112315-BLK1)				Prepared: 11/23/16 Analyzed: 11/29/16						
alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Surrogate: Tetrachloro-meta-xylene	*4.96*		*"*	*10.0*		*49.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*5.87*		*"*	*10.0*		*58.7*	*35-140*			

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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Lake Forest, California 92630
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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112315 - EPA 3550 ECD/GCMS										
LCS (6112315-BS1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	24.0	5.0	ug/kg	40.4		59.3	40-120			
Heptachlor	26.9	5.0	"	40.4		66.5	40-120			
Aldrin	19.8	5.0	"	40.4		49.0	40-120			
Dieldrin	23.3	5.0	"	40.4		57.6	40-120			
Endrin	27.0	5.0	"	40.4		66.8	40-120			
4,4´-DDT	21.8	5.0	"	40.4		54.0	33-147			
Surrogate: Tetrachloro-meta-xylene	*4.99*		*"*	*10.1*		*49.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*5.72*		*"*	*10.1*		*56.7*	*35-140*			
LCS Dup (6112315-BSD1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	27.2	5.0	ug/kg	40.0		68.0	40-120	13.6	30	
Heptachlor	30.3	5.0	"	40.0		75.7	40-120	13.0	30	
Aldrin	23.2	5.0	"	40.0		58.0	40-120	16.9	30	
Dieldrin	26.2	5.0	"	40.0		65.6	40-120	12.9	30	
Endrin	31.0	5.0	"	40.0		77.4	40-120	14.8	30	
4,4´-DDT	25.4	5.0	"	40.0		63.5	33-147	16.0	30	
Surrogate: Tetrachloro-meta-xylene	*6.05*		*"*	*10.0*		*60.5*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.42*		*"*	*10.0*		*64.2*	*35-140*			

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Lake Forest, California 92630
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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112816 - EPA 3550 ECD/GCMS										
Blank (6112816-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	ND	10	ug/kg							
PCB-1221	ND	10	"							
PCB-1232	ND	10	"							
PCB-1242	ND	10	"							
PCB-1248	ND	10	"							
PCB-1254	ND	10	"							
PCB-1260	ND	10	"							
Surrogate: Tetrachloro-meta-xylene	*6.68*		"	*10.0*		*66.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.32*		"	*10.0*		*83.2*	*35-140*			
LCS (6112816-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.4	10	ug/kg	100		97.4	40-130			
PCB-1260	68.4	10	"	100		68.4	40-130			
Surrogate: Tetrachloro-meta-xylene	*6.98*		"	*10.0*		*69.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.85*		"	*10.0*		*78.5*	*35-140*			
LCS Dup (6112816-BSD1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.7	10	ug/kg	100		97.7	40-130	0.248	30	
PCB-1260	78.4	10	"	100		78.4	40-130	13.6	30	
Surrogate: Tetrachloro-meta-xylene	*6.76*		"	*10.0*		*67.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.99*		"	*10.0*		*79.9*	*35-140*			

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Rose Fasheh, Project Manager

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:43

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8460 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: Sunstar

NORM (RUSH) EDF - YES (NO) Page 1 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ Lead EPA 8270C (LeadD)	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ARSENIC EPA 8260SIM (LeadD)
B1-0.5	01	1500	11/22	SOIL	J									X
B1-1.5	02	1505	11/22											
B1-2.5	03	1510	11/22											
B2-0.5	04	1400	11/21								X	X OCP ONLY		X
B2-1.5	05	1410	11/21											
B2-2.5	06	1415	11/21											
B3-0.5	07	1430	11/21								X	X OCP ONLY		X
B3-1.5	08	1435	11/21											
B3-2.5	09	1440	11/21											
B4-0.5	10	1010	11/21								X	X OCP ONLY		X
B4-1.5	11	1020	11/21											
B4-2.5	12	1030	11/21											
B5-0.5	13	1045	11/21								X	X		X
B5-1.5	14	1055	11/21											
B5-2.5	15	1105	11/21											
B6-0.5	16	1505	11/22											X
B6-1.5	17	1515	11/22											
B6-2.5	18	1525	11/22											
B7-0.5	19	1125	11/21				X				X	X OCP ONLY		X
B7-1.5	20	1135	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. RESEDA, CA Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 2 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~Lead~~ ~~1,4-Dioxane~~ EPA 8260SIM ARSENIC
B7-2.5	21	1145	11/21	SOIL	J									
B8-0.5	22	1510	11/22								X	X OCP only		X
B8-1.5	23	1515	11/22											
B8-2.5	24	1525	11/22											
B9-0.5	25	1535	11/22								X	X OCP only		X
B9-1.5	26	1540	11/22											
B9-2.5	27	1550	11/22											
B10-0.5	28	1610	11/22								X	X OCP only		X
B10-1.5	29	1620	11/22											
B10-2.5	30	1630	11/22											
B11-0.5	31	1540	11/22								X	X OCP only		X
B11-1.5	32	1550	11/22											
B11-2.5	33	1600	11/22											
B12-0.5	34	815	11/21								X	X OCP only		X
B12-1.5	35	825	11/21											
B12-2.5	36	835	11/21											
B13-0.5	37	850	11/21								X	X		X
B13-1.5	38	900	11/21											
B13-2.5	39	910	11/21											
B14-0.5	40	925	11/21	↓	↓						X	X OCP only		X

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 8:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 3 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ ARSENIC
B14-1.5	41	940	11/21	SOIL	J									
B14-2.5	42	950	11/21											
B15-0.5	43	1005	11/21								X	X OCP only		X
B15-1.5	44	1015	11/21											
B15-2.5	45	1025	11/21											
B16-0.5	46	1405	11/22								X	X OCP only		X
B16-1.5	47	1415	11/22											
B16-2.5	48	1425	11/22											
B17-0.5	49	955	11/21								X	X OCP only		X
B17-1.5	50	1005	11/21											
B17-2.5	51	1015	11/21											
B18-0.5	52	840	11/21								X	X OCP only		X
B18-1.5	53	850	11/21											
B18-2.5	54	900	11/21											
B19-0.5	55	915	11/21								X	X OCP only		X
B19-1.5	56	925	11/21											
B19-2.5	57	940	11/21											
B20-0.5	58	1310	11/21								X	X OCP only		X
B20-1.5	59	1320	11/21											
B20-2.5	60	1330	11/21											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRANER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE.
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / RUSH
EDF - YES (NO)
Page 4 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B21-0.5	61	1340	11/21	Soil	J						X	X OCP only		X
B21-1.5	62	1350	11/21											
B21-2.5	63	1400	11/21											
B22-0.5	64	1450	11/21								X	X OCP only		X
B22-1.5	65	1455	11/21											
B22-2.5	66	1505	11/21											
B23-0.5	67	1030	11/21								X	X OCP only		X
B23-1.5	68	1040	11/21											
B23-2.5	69	1050	11/21											
B24-0.5	70	1410	11/21								X	X OCP only		X
B24-1.5	71	1420	11/21											
B24-2.5	72	1430	11/21											
B25-0.5	73	1100	11/21								X	X OCP only		X
B25-1.5	74	1105	11/21											
B25-2.5	75	1115	11/21											
B26-0.5	76	1125	11/21								X	X OCP only		X
B26-1.5	77	1135	11/21											
B26-2.5	78	1150	11/21											
B27-0.5	79	745	11/22								X	X OCP only		X
B27-1.5	80	755	11/22	↓	↓									

Relinquished By:	Date/Time:	Received By:	Date/Time:	NOTES:
	11/23		11/23/16 08:07	13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
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FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1168015

Client Name: PINNACLE

Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: [X] Client [ ] SunStar Courier [ ] GSO [ ] FedEx [ ] Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.28.16 / 8:05

Total number of coolers received: 2

Temperature:	Cooler #1 18.8	°C +/- the CF (- 0.2°C)	= 18.6	°C corrected temperature
Temperature:	Cooler #2 14.2	°C +/- the CF (- 0.2°C)	= 14.0	°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C)	=	°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	[ ] **Yes** [X] **No**
If NO:		
Samples received on ice?	[ ] Yes	[X] **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	[ ] Yes → Acceptable	[ ] **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	[ ] Yes	[ ] No*	[X] N/A
Sample containers intact	[X] Yes	[ ] No*	
Sample labels match Chain of Custody IDs	[X] Yes	[ ] No*	
Total number of containers received match COC	[X] Yes	[ ] No*	
Proper containers received for analyses requested on COC	[X] Yes	[ ] No*	
Proper preservative indicated on COC/containers for analyses requested	[ ] Yes	[ ] No*	[X] N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	[ ] **Yes**	[X] **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 11.28.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 716015

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

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PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

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Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

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WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

30 November 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B28-0.5	T163016-01	Soil	11/21/16 08:15	11/23/16 08:07
B29- 0.5	T163016-04	Soil	11/21/16 08:55	11/23/16 08:07
B30- 0.5	T163016-08	Soil	11/21/16 09:30	11/23/16 08:07
B31- 0.5	T163016-11	Soil	11/21/16 10:00	11/23/16 08:07
B32- 0.5	T163016-14	Soil	11/21/16 10:30	11/23/16 08:07
B33- 0.5	T163016-17	Soil	11/21/16 11:05	11/23/16 08:07
B34- 0.5	T163016-20	Soil	11/22/16 10:00	11/23/16 08:07
B35- 0.5	T163016-23	Soil	11/21/16 15:10	11/23/16 08:07
B36- 0.5	T163016-26	Soil	11/22/16 15:10	11/23/16 08:07
B37- 0.5	T163016-29	Soil	11/21/16 13:35	11/23/16 08:07
B38- 0.5	T163016-32	Soil	11/21/16 13:05	11/23/16 08:07
B39- 0.5	T163016-35	Soil	11/22/16 14:10	11/23/16 08:07
B40- 0.5	T163016-38	Soil	11/22/16 11:10	11/23/16 08:07
B41- 0.5	T163016-41	Soil	11/22/16 10:40	11/23/16 08:07
B42- 0.5	T163016-44	Soil	11/22/16 12:05	11/23/16 08:07
B43- 0.5	T163016-47	Soil	11/21/16 08:05	11/23/16 08:07
B44- 0.5	T163016-50	Soil	11/21/16 08:30	11/23/16 08:07
B45- 0.5	T163016-53	Soil	11/21/16 08:55	11/23/16 08:07
B46- 0.5	T163016-56	Soil	11/21/16 08:10	11/23/16 08:07
B47- 0.5	T163016-59	Soil	11/21/16 08:40	11/23/16 08:07
B48- 0.5	T163016-62	Soil	11/22/16 08:55	11/23/16 08:07
B49- 0.5	T163016-65	Soil	11/22/16 07:25	11/23/16 08:07
B50- 0.5	T163016-68	Soil	11/22/16 14:50	11/23/16 08:07
B51- 0.5	T163016-71	Soil	11/22/16 11:10	11/23/16 08:07
B52- 0.5	T163016-74	Soil	11/22/16 09:30	11/23/16 08:07
B53- 0.5	T163016-77	Soil	11/22/16 08:00	11/23/16 08:07

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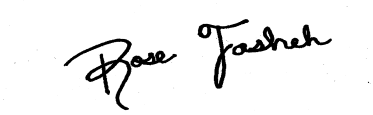

Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B54- 0.5	T163016-80	Soil	11/22/16 12:50	11/23/16 08:07
Composite B39,B40- 0.5	T163016-81	Soil	11/22/16 00:00	11/23/16 08:07
Composite B43,B44, B45- 0.5	T163016-82	Soil	11/22/16 00:00	11/23/16 08:07
Composite B46,B47- 0.5	T163016-83	Soil	11/22/16 00:00	11/23/16 08:07

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Rose Fasheh

Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

DETECTIONS SUMMARY

Sample ID: B28-0.5 **Laboratory ID:** T163016-01

No Results Detected

Sample ID: B29- 0.5 **Laboratory ID:** T163016-04

No Results Detected

Sample ID: B30- 0.5 **Laboratory ID:** T163016-08

No Results Detected

Sample ID: B31- 0.5 **Laboratory ID:** T163016-11

No Results Detected

Sample ID: B32- 0.5 **Laboratory ID:** T163016-14

No Results Detected

Sample ID: B33- 0.5 **Laboratory ID:** T163016-17

No Results Detected

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Sample ID: B34- 0.5 **Laboratory ID:** T163016-20

No Results Detected

Sample ID: B35- 0.5 **Laboratory ID:** T163016-23

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**27**	3.0	mg/kg	EPA 6010B	

Sample ID: B36- 0.5 **Laboratory ID:** T163016-26

No Results Detected

Sample ID: B37- 0.5 **Laboratory ID:** T163016-29

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**190**	2.7	mg/kg	EPA 6010B	
Dieldrin	**29**	5.0	ug/kg	EPA 8081A	
Endrin	**5.8**	5.0	ug/kg	EPA 8081A	

Sample ID: B38- 0.5 **Laboratory ID:** T163016-32

No Results Detected

Sample ID: B39- 0.5 **Laboratory ID:** T163016-35

No Results Detected

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Sample ID: B40- 0.5 **Laboratory ID:** T163016-38

No Results Detected

Sample ID: B41- 0.5 **Laboratory ID:** T163016-41

No Results Detected

Sample ID: B42- 0.5 **Laboratory ID:** T163016-44

No Results Detected

Sample ID: B43- 0.5 **Laboratory ID:** T163016-47

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**35**	2.7	mg/kg	EPA 6010B	

Sample ID: B44- 0.5 **Laboratory ID:** T163016-50

No Results Detected

Sample ID: B45- 0.5 **Laboratory ID:** T163016-53

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.0**	4.2	mg/kg	EPA 6010B	
Lead	**22**	2.5	mg/kg	EPA 6010B	

Sample ID: B46- 0.5 **Laboratory ID:** T163016-56

Analyte	Result	Reporting Limit	Units	Method	Notes

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Sample ID: B46- 0.5 **Laboratory ID:** T163016-56

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.1**	5.0	mg/kg	EPA 6010B	

Sample ID: B47- 0.5 **Laboratory ID:** T163016-59

No Results Detected

Sample ID: B48- 0.5 **Laboratory ID:** T163016-62

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**38**	2.7	mg/kg	EPA 6010B	
gamma-Chlordane	**13**	5.0	ug/kg	EPA 8081A	
alpha-Chlordane	**21**	5.0	ug/kg	EPA 8081A	

Sample ID: B49- 0.5 **Laboratory ID:** T163016-65

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**6.0**	5.0	mg/kg	EPA 6010B	
Lead	**20**	3.0	mg/kg	EPA 6010B	

Sample ID: B50- 0.5 **Laboratory ID:** T163016-68

No Results Detected

Sample ID: B51- 0.5 **Laboratory ID:** T163016-71

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**23**	3.0	mg/kg	EPA 6010B	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Sample ID: B52- 0.5 **Laboratory ID:** T163016-74

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**29**	3.0	mg/kg	EPA 6010B	

Sample ID: B53- 0.5 **Laboratory ID:** T163016-77

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.6**	4.5	mg/kg	EPA 6010B	

Sample ID: B54- 0.5 **Laboratory ID:** T163016-80

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**150**	2.7	mg/kg	EPA 6010B	

Sample ID: Composite B39,B40- 0.5 **Laboratory ID:** T163016-81

No Results Detected

Sample ID: Composite B43,B44, B45- 0.5 **Laboratory ID:** T163016-82

No Results Detected

Sample ID: Composite B46,B47- 0.5 **Laboratory ID:** T163016-83

No Results Detected

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B28-0.5

T163016-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*58.2 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

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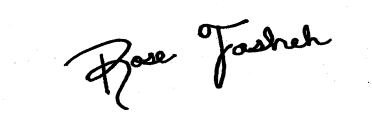
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B29- 0.5

T163016-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.7 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.5 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B30- 0.5

T163016-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.1 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*55.7 %*		*35-140*	"	"	"	"	

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Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B31- 0.5

T163016-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*53.6 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B32- 0.5

T163016-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*60.4 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B33- 0.5

T163016-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112313	11/23/16	11/30/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*113 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*102 %*	*35-140*		"	"	"	"	

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Rose Fasheh, Project Manager

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B34- 0.5

T163016-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*52.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*64.8 %*		*35-140*	"	"	"	"	

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B34- 0.5

T163016-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*66.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*76.8 %*		*35-140*	"	"	"	"	

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Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B35- 0.5

T163016-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	**27**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*60.2 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B36- 0.5

T163016-26 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*65.0 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B37- 0.5

T163016-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	**190**	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	**29**	5.0	"	"	"	"	"	"	
Endrin	**5.8**	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.9 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*57.8 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B38- 0.5

T163016-32 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*48.1 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B39- 0.5

T163016-35 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B40- 0.5

T163016-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112818	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B41- 0.5

T163016-41 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*68.5 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*79.2 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B42- 0.5

T163016-44 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*72.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*77.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B43- 0.5

T163016-47 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**35**	2.7	"	"	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B44- 0.5

T163016-50 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B45- 0.5

T163016-53 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**5.0**	4.2	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**22**	2.5	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B46- 0.5

T163016-56 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**5.1**	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B47- 0.5

T163016-59 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B48- 0.5

T163016-62 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**38**	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	**13**	5.0	"	"	"	"	"	"	
alpha-Chlordane	**21**	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*47.5 %*		*35-140*	"	"	"	"	

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B49- 0.5

T163016-65 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**6.0**	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**20**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*56.7 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B50- 0.5

T163016-68 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.6 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*51.7 %*	*35-140*		*"*	*"*	*"*	*"*	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B51- 0.5

T163016-71 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**23**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*55.9 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B52- 0.5

T163016-74 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**29**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*41.1 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B53- 0.5

T163016-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**4.6**	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*52.3 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

B54- 0.5

T163016-80 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**150**	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*45.2 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*45.9 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Composite B39,B40- 0.5

T163016-81 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*58.8 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*59.5 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Composite B43,B44, B45- 0.5

T163016-82 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.1 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*56.3 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Composite B46,B47- 0.5

T163016-83 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112318	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*54.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*42.4 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112818 - EPA 3051										
Blank (6112818-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6112818-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	115	5.0	mg/kg	100		115	75-125			
Lead	117	3.0	"	100		117	75-125			
Matrix Spike (6112818-MS1)	**Source: T163015-61**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	84.8	5.0	mg/kg	100	1.95	82.9	75-125			
Lead	88.2	3.0	"	100	ND	88.2	75-125			
Matrix Spike Dup (6112818-MSD1)	**Source: T163015-61**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	84.8	5.0	mg/kg	100	1.95	82.9	75-125	0.0343	20	
Lead	84.9	3.0	"	100	ND	84.9	75-125	3.73	20	
Batch 6112821 - EPA 3051										
Blank (6112821-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6112821-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	94.2	5.0	mg/kg	100		94.2	75-125			
Lead	101	3.0	"	100		101	75-125			
Matrix Spike (6112821-MS1)	**Source: T163016-47**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	70.9	5.0	mg/kg	100	3.98	66.9	75-125			QM-05
Lead	91.4	3.0	"	100	34.6	56.7	75-125			QM-05

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112821 - EPA 3051										
Matrix Spike Dup (6112821-MSD1)	**Source: T163016-47**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	83.3	5.0	mg/kg	100	3.98	79.3	75-125	16.2	20	
Lead	104	3.0	"	100	34.6	69.4	75-125	13.0	20	QM-05

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112313 - EPA 3550 ECD/GCMS										
Blank (6112313-BLK1)				Prepared: 11/23/16 Analyzed: 11/30/16						
alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Surrogate: Tetrachloro-meta-xylene	*10.1*		*"*	*10.0*		*101*	*35-140*			
Surrogate: Decachlorobiphenyl	*9.65*		*"*	*10.0*		*96.5*	*35-140*			
LCS (6112313-BS1)				Prepared: 11/23/16 Analyzed: 11/30/16						
gamma-BHC (Lindane)	26.8	5.0	ug/kg	40.0		66.9	40-120			
Heptachlor	29.0	5.0	"	40.0		72.4	40-120			
Aldrin	31.1	5.0	"	40.0		77.9	40-120			
Dieldrin	31.4	5.0	"	40.0		78.5	40-120			
Endrin	30.5	5.0	"	40.0		76.3	40-120			
4,4´-DDT	20.6	5.0	"	40.0		51.4	33-147			
Surrogate: Tetrachloro-meta-xylene	*8.31*		*"*	*10.0*		*83.1*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.95*		*"*	*10.0*		*89.5*	*35-140*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112313 - EPA 3550 ECD/GCMS										
LCS Dup (6112313-BSD1)				Prepared: 11/23/16 Analyzed: 11/30/16						
gamma-BHC (Lindane)	28.5	5.0	ug/kg	40.0		71.2	40-120	6.24	30	
Heptachlor	32.4	5.0	"	40.0		81.1	40-120	11.3	30	
Aldrin	34.9	5.0	"	40.0		87.3	40-120	11.5	30	
Dieldrin	33.5	5.0	"	40.0		83.7	40-120	6.47	30	
Endrin	33.4	5.0	"	40.0		83.6	40-120	9.07	30	
4,4´-DDT	33.6	5.0	"	40.0		83.9	33-147	48.0	30	QR-02
Surrogate: Tetrachloro-meta-xylene	*10.4*		*"*	*10.0*		*104*	*35-140*			
Surrogate: Decachlorobiphenyl	*10.2*		*"*	*10.0*		*102*	*35-140*			
Batch 6112318 - EPA 3550 ECD/GCMS										
Blank (6112318-BLK1)				Prepared: 11/23/16 Analyzed: 11/29/16						
alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Surrogate: Tetrachloro-meta-xylene	*6.04*		*"*	*10.0*		*60.4*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.28*		*"*	*10.0*		*72.8*	*35-140*			

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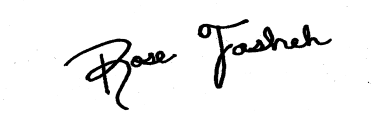

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112318 - EPA 3550 ECD/GCMS										
LCS (6112318-BS1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	29.5	5.0	ug/kg	40.0		73.7	40-120			
Heptachlor	37.3	5.0	"	40.0		93.3	40-120			
Aldrin	25.1	5.0	"	40.0		62.8	40-120			
Dieldrin	29.4	5.0	"	40.0		73.4	40-120			
Endrin	34.0	5.0	"	40.0		85.1	40-120			
4,4´-DDT	23.3	5.0	"	40.0		58.3	33-147			
Surrogate: Tetrachloro-meta-xylene	*6.09*		*"*	*10.0*		*60.9*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.27*		*"*	*10.0*		*72.7*	*35-140*			
LCS Dup (6112318-BSD1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	28.5	5.0	ug/kg	40.0		71.3	40-120	3.31	30	
Heptachlor	32.4	5.0	"	40.0		81.1	40-120	14.0	30	
Aldrin	23.9	5.0	"	40.0		59.9	40-120	4.77	30	
Dieldrin	27.3	5.0	"	40.0		68.2	40-120	7.45	30	
Endrin	32.0	5.0	"	40.0		80.1	40-120	6.08	30	
4,4´-DDT	22.5	5.0	"	40.0		56.4	33-147	3.39	30	
Surrogate: Tetrachloro-meta-xylene	*5.63*		*"*	*10.0*		*56.3*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.68*		*"*	*10.0*		*66.8*	*35-140*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112816 - EPA 3550 ECD/GCMS										
Blank (6112816-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	ND	10	ug/kg							
PCB-1221	ND	10	"							
PCB-1232	ND	10	"							
PCB-1242	ND	10	"							
PCB-1248	ND	10	"							
PCB-1254	ND	10	"							
PCB-1260	ND	10	"							
Surrogate: Tetrachloro-meta-xylene	*6.68*		"	*10.0*		*66.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.32*		"	*10.0*		*83.2*	*35-140*			
LCS (6112816-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.4	10	ug/kg	100		97.4	40-130			
PCB-1260	68.4	10	"	100		68.4	40-130			
Surrogate: Tetrachloro-meta-xylene	*6.98*		"	*10.0*		*69.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.85*		"	*10.0*		*78.5*	*35-140*			
LCS Dup (6112816-BSD1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.7	10	ug/kg	100		97.7	40-130	0.248	30	
PCB-1260	78.4	10	"	100		78.4	40-130	13.6	30	
Surrogate: Tetrachloro-meta-xylene	*6.76*		"	*10.0*		*67.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.99*		"	*10.0*		*79.9*	*35-140*			

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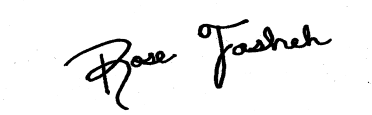

Rose Fasheh, Project Manager

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.

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	11/30/16 16:53

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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.

Rose Fasheh

Rose Fasheh, Project Manager

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA T1630116 Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 5 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ EPA 8260SIM
B28-0.5	01	815	11/21	Soil	J						X	X OCP only		X
B28-1.5	02	825	11/21											
B28-2.5	03	840	11/21								X	X OCP only		X
B29-0.5	04	855	11/21											
B29-1.5	05	905	11/21											
B29-2.5	06	920	11/21											
B27-2.5	07	805	11/22								X	X OCP only		X
B30-0.5	08	930	11/21											
B30-1.5	09	935	11/21											
B30-2.5	10	950	11/21								X	X OCP only		X
B31-0.5	11	1000	11/21											
B31-1.5	12	1010	11/21											
B31-2.5	13	1020	11/21								X	X OCP only		X
B32-0.5	14	1030	11/21											
B32-1.5	15	1040	11/21											
B32-2.5	16	1050	11/21								X	X OCP only		X
B33-0.5	17	1105	11/21											
B33-1.5	18	1110	11/21											
B33-2.5	19	1120	11/21								X	X		X
B34-0.5	20	1000	11/22											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE. RESEDA, CA T163016

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / RUSH (circled: RUSH)
EDF - YES / NO (circled: NO)
Page 6 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B34-1.5	21	1010	11/22	Soil	J									
B34-2.5	22	1020	11/22	↓	↓									
B35-0.5	23	1510	11/21								x	x OCP only		x
B35-1.5	24	1520	11/21											
B35-2.5	25	1530	11/21											
B36-0.5	26	1310	11/22								x	x OCP only		x
B36-1.5	27	1515	11/22											
B36-2.5	28	1525	11/22											
B37-0.5	29	1335	11/21								x	x OCP only		x
B37-1.5	30	1345	11/21											
B37-2.5	31	1400	11/21											
B38-0.5	32	1305	11/21								x	x OCP only		x
B38-1.5	33	1310	11/21											
B38-2.5	34	1320	11/21											
B39-0.5	35	1410	11/22								x	OCP only on composite B39-0.5 B40-0.5		x
B39-1.5	36	1420	11/22											
B39-2.5	37	1430	11/22											
B40-0.5	38	1110	11/22								x			x
B40-1.5	39	1120	11/22											
B40-2.5	40	1130	11/22	↓	↓									

Relinquished By: [signature]	Date/Time: 11/23/16	Received By: [signature]	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES:

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 5140 VANALDEN AVE
RESEDA CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 7 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B41-0.5	41	1040	11/22	SOIL	J							X PCBs		
B41-1.5	42	1045	11/22									only		
B41-2.5	43	1055	11/22											
B42-0.5	44	1205	11/22									X PCBs		
B42-1.5	45	1215	11/22									only		
B42-2.5	46	1225	11/22											
B43-0.5	47	805	11/21								X			X
B43-1.5	48	810	11/21									OCPs on		
B43-2.5	49	820	11/21									composite		
B44-0.5	50	830	11/21								X	B43,44,45-		X
B44-1.5	51	835	11/21									0.5		
B44-2.5	52	845	11/21											
B45-0.5	53	855	11/21								X			X
B45-1.5	54	905	11/21											
B45-2.5	55	915	11/21											
B46-0.5	56	810	11/21								X	OCPs on		X
B46-1.5	57	815	11/21									composite		
B46-2.5	58	830	11/21									B46,47-		
B47-0.5	59	840	11/21	V	V						X	0.5		X
B47-1.5	60	845	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VAN ALDEN AVE
RESEDA, CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 8 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ arsenic
B47-2.5	61	855	11/21	SOIL	J									
B48-0.5	62	655	11/22								X	X OCPs only		X
B48-1.5	63	705	11/22									~~Composite~~		
B48-2.5	64	715	11/22									~~B48,49-~~		
B49-0.5	65	725	11/22								X	X ~~OCPs~~ OCPs only		X
B49-1.5	66	735	11/22											
B49-2.5	67	745	11/22											
B50-0.5	68	1450	11/22								X	X OCPs only		X
B50-1.5	69	1455	11/22											
B50-2.5	70	1505	11/22											
B51-0.5	71	1110	11/22								X	X OCPs only		X
B51-1.5	72	1120	11/22											
B51-2.5	73	1130	11/22											
B52-0.5	74	930	11/22								X	X OCPs only		X
B52-1.5	75	940	11/22											
B52-2.5	76	950	11/22											
B53-0.5	77	800	11/22								X	X OCPs only		X
B53-1.5	78	805	11/22											
B53-2.5	79	815	11/22											
B54-0.5	80	1250	11/22								X	X OCPs only		X

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

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Foothill Ranch, CA 92610
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SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T163016

Client Name: PINNACLE Project: GROVER CLEVELAND H.S.

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11-23-16 8:07

Total number of coolers received:

Temperature: Cooler #1 13.5	°C +/- the CF (- 0.2°C)	= 13.3	°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?		☐ **Yes** ☐ **No**
If NO:			
Samples received on ice?	☐ Yes		☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable		☐ **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: BC 11-23-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

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Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # _____

- **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: TWO SAMPLE JARS ARE MISSING #60 B47-1.5, #61 B47-2.5

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 ((US &				**ne**
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 ((US &				**ne**
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

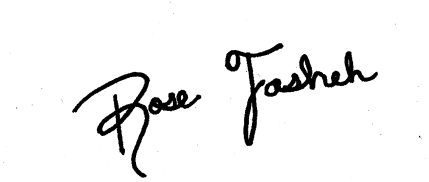
01 December 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

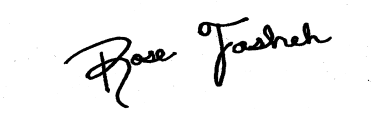
25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B55-0.5	T163017-03	Soil	11/22/16 13:15	11/23/16 08:07
B56-0.5	T163017-06	Soil	11/22/16 13:50	11/23/16 08:07
B57-0.5	T163017-07	Soil	11/22/16 09:50	11/23/16 08:07
B58-0.5	T163017-10	Soil	11/22/16 11:40	11/23/16 08:07
B59-0.5	T163017-13	Soil	11/21/16 09:25	11/23/16 08:07
B60-0.5	T163017-16	Soil	11/21/16 09:50	11/23/16 08:07
B61-0.5	T163017-19	Soil	11/21/16 10:15	11/23/16 08:07
B62-0.5	T163017-22	Soil	11/21/16 09:45	11/23/16 08:07
B63-0.5	T163017-25	Soil	11/22/16 12:20	11/23/16 08:07
B64-0.5	T163017-28	Soil	11/22/16 11:10	11/23/16 08:07
B65-0.5	T163017-31	Soil	11/22/16 08:25	11/23/16 08:07
B66-0.5	T163017-34	Soil	11/22/16 08:50	11/23/16 08:07
B67-0.5	T163017-37	Soil	11/22/16 09:15	11/23/16 08:07
B68-0.5	T163017-40	Soil	11/22/16 09:40	11/23/16 08:07
B69-0.5	T163017-43	Soil	11/22/16 15:05	11/23/16 08:07
B70-0.5	T163017-46	Soil	11/22/16 15:30	11/23/16 08:07
B71-0.5	T163017-49	Soil	11/22/16 15:55	11/23/16 08:07
B72-0.5	T163017-52	Soil	11/22/16 14:00	11/23/16 08:07
B73-0.5	T163017-55	Soil	11/22/16 14:25	11/23/16 08:07
B74-0.5	T163017-58	Soil	11/22/16 13:00	11/23/16 08:07
B75-0.5	T163017-61	Soil	11/22/16 15:05	11/23/16 08:07
B76-0.5	T163017-62	Soil	11/22/16 15:30	11/23/16 08:07
DRUM	T163017-65	Soil	11/22/16 16:10	11/23/16 08:07
COMP: B59,60,61-0.5	T163017-66	Soil	11/22/16 00:00	11/23/16 08:07
COMP: B62,63,64-0.5	T163017-67	Soil	11/22/16 00:00	11/23/16 08:07
COMP: B65,66-0.5	T163017-68	Soil	11/22/16 00:00	11/23/16 08:07

SunStar Laboratories, Inc.



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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
COMP: B67,68-0.5	T163017-69	Soil	11/22/16 00:00	11/23/16 08:07
COMP: B72,73-0.5	T163017-70	Soil	11/22/16 00:00	11/23/16 08:07

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

DETECTIONS SUMMARY

Sample ID: B55-0.5 **Laboratory ID:** T163017-03

No Results Detected

Sample ID: B56-0.5 **Laboratory ID:** T163017-06

No Results Detected

Sample ID: B57-0.5 **Laboratory ID:** T163017-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.8**	5.0	mg/kg	EPA 6010B	
Lead	**22**	3.0	mg/kg	EPA 6010B	
PCB-1260	**20**	10	ug/kg	EPA 8082	

Sample ID: B58-0.5 **Laboratory ID:** T163017-10

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**110**	10	mg/kg	EPA 8015C	
C29-C40 (MORO)	**170**	10	mg/kg	EPA 8015C	
Arsenic	**14**	4.5	mg/kg	EPA 6010B	
Lead	**32**	2.7	mg/kg	EPA 6010B	

Sample ID: B59-0.5 **Laboratory ID:** T163017-13

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.0**	5.0	mg/kg	EPA 6010B	

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Sample ID: B60-0.5 **Laboratory ID:** T163017-16

No Results Detected

Sample ID: B61-0.5 **Laboratory ID:** T163017-19

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**22**	3.0	mg/kg	EPA 6010B	

Sample ID: B62-0.5 **Laboratory ID:** T163017-22

No Results Detected

Sample ID: B63-0.5 **Laboratory ID:** T163017-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.6**	4.5	mg/kg	EPA 6010B	

Sample ID: B64-0.5 **Laboratory ID:** T163017-28

No Results Detected

Sample ID: B65-0.5 **Laboratory ID:** T163017-31

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**4.8**	4.5	mg/kg	EPA 6010B	

Sample ID: B66-0.5 **Laboratory ID:** T163017-34

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.0**	5.0	mg/kg	EPA 6010B	

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Sample ID: B67-0.5 **Laboratory ID:** T163017-37

No Results Detected

Sample ID: B68-0.5 **Laboratory ID:** T163017-40

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**45**	2.7	mg/kg	EPA 6010B	

Sample ID: B69-0.5 **Laboratory ID:** T163017-43

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.1**	4.5	mg/kg	EPA 6010B	

Sample ID: B70-0.5 **Laboratory ID:** T163017-46

No Results Detected

Sample ID: B71-0.5 **Laboratory ID:** T163017-49

No Results Detected

Sample ID: B72-0.5 **Laboratory ID:** T163017-52

No Results Detected

Sample ID: B73-0.5 **Laboratory ID:** T163017-55

No Results Detected

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2 Santa Maria	Project Number: [none]	**Reported:**
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Sample ID: B74-0.5 **Laboratory ID:** T163017-58

No Results Detected

Sample ID: B75-0.5 **Laboratory ID:** T163017-61

No Results Detected

Sample ID: B76-0.5 **Laboratory ID:** T163017-62

No Results Detected

Sample ID: DRUM **Laboratory ID:** T163017-65

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**150**	10	mg/kg	EPA 8015C	
C29-C40 (MORO)	**400**	10	mg/kg	EPA 8015C	
Arsenic	**5.0**	4.2	mg/kg	EPA 6010B	
Barium	**140**	0.83	mg/kg	EPA 6010B	
Cadmium	**1.8**	1.7	mg/kg	EPA 6010B	
Chromium	**12**	1.7	mg/kg	EPA 6010B	
Cobalt	**24**	1.7	mg/kg	EPA 6010B	
Copper	**18**	0.83	mg/kg	EPA 6010B	
Molybdenum	**5.1**	4.2	mg/kg	EPA 6010B	
Nickel	**23**	1.7	mg/kg	EPA 6010B	
Vanadium	**33**	4.2	mg/kg	EPA 6010B	
Zinc	**13**	0.83	mg/kg	EPA 6010B	

Sample ID: COMP: B59,60,61-0.5 **Laboratory ID:** T163017-66

No Results Detected

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Sample ID: COMP: B62,63,64-0.5 **Laboratory ID:** T163017-67

No Results Detected

Sample ID: COMP: B65,66-0.5 **Laboratory ID:** T163017-68

No Results Detected

Sample ID: COMP: B67,68-0.5 **Laboratory ID:** T163017-69

No Results Detected

Sample ID: COMP: B72,73-0.5 **Laboratory ID:** T163017-70

No Results Detected

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B55-0.5

T163017-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*54.4 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*45.1 %*		*35-140*	"	"	"	"	

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B56-0.5

T163017-06 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*52.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*37.6 %*		*35-140*	"	"	"	"	

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Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B57-0.5

T163017-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**5.8**	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**22**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*49.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*34.9 %*		*35-140*	"	"	"	"	*S-GC*

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B57-0.5

T163017-07 (Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	**20**	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*74.3 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*75.1 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B58-0.5

T163017-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6112238	11/22/16	11/28/16	EPA 8015C	
C13-C28 (DRO)	**110**	10	"	"	"	"	"	"	
C29-C40 (MORO)	**170**	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*89.0 %*	*65-135*		"	"	"	"	
Metals by EPA 6010B									
Arsenic	**14**	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**32**	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*42.3 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B58-0.5

T163017-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Polychlorinated Biphenyls by EPA Method 8082									
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*62.1 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*70.7 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B59-0.5

T163017-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**5.0**	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B60-0.5

T163017-16 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B61-0.5

T163017-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	**22**	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B62-0.5

T163017-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112821	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B63-0.5

T163017-25 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**4.6**	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B64-0.5

T163017-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B65-0.5

T163017-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**4.8**	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B66-0.5

T163017-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**5.0**	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B67-0.5

T163017-37 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B68-0.5

T163017-40 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	**45**	2.7	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B69-0.5

T163017-43 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**5.1**	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*51.6 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*42.7 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
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B70-0.5

T163017-46 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.9 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.5 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
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B70-0.5

T163017-46 (Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*70.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*77.7 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B71-0.5

T163017-49 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*66.6 %*	*35-140*		*"*	*"*	*"*	*"*	
Surrogate: Decachlorobiphenyl		*52.1 %*	*35-140*		*"*	*"*	*"*	*"*	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
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B72-0.5

T163017-52 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	ND	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B73-0.5

T163017-55 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B74-0.5

T163017-58 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	2.7	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.8 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*52.8 %*		*35-140*	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B74-0.5

T163017-58 (Soil)

SunStar Laboratories, Inc.

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PCB-1016	ND	10	ug/kg	1	6112816	11/28/16	11/30/16	EPA 8082	
PCB-1221	ND	10	"	"	"	"	"	"	
PCB-1232	ND	10	"	"	"	"	"	"	
PCB-1242	ND	10	"	"	"	"	"	"	
PCB-1248	ND	10	"	"	"	"	"	"	
PCB-1254	ND	10	"	"	"	"	"	"	
PCB-1260	ND	10	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*69.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*77.6 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B75-0.5

T163017-61 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.9 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.5 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

B76-0.5

T163017-62 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*55.2 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*55.8 %*		*35-140*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

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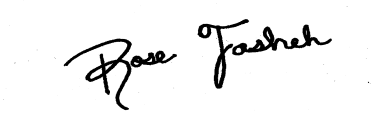
T163017-65 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6112238	11/23/16	11/24/16	EPA 8015C	
C13-C28 (DRO)	**150**	10	"	"	"	"	"	"	
C29-C40 (MORO)	**400**	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*90.0 %*		*65-135*	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	2.5	mg/kg	1	6112823	11/28/16	11/30/16	EPA 6010B	
Silver	ND	1.7	"	"	"	"	"	"	
Arsenic	**5.0**	4.2	"	"	"	"	"	"	
Barium	**140**	0.83	"	"	"	"	"	"	
Beryllium	ND	0.83	"	"	"	"	"	"	
Cadmium	**1.8**	1.7	"	"	"	"	"	"	
Chromium	**12**	1.7	"	"	"	"	"	"	
Cobalt	**24**	1.7	"	"	"	"	"	"	
Copper	**18**	0.83	"	"	"	"	"	"	
Lead	ND	2.5	"	"	"	"	"	"	
Molybdenum	**5.1**	4.2	"	"	"	"	"	"	
Nickel	**23**	1.7	"	"	"	"	"	"	
Selenium	ND	4.2	"	"	"	"	"	"	
Thallium	ND	1.7	"	"	"	"	"	"	
Vanadium	**33**	4.2	"	"	"	"	"	"	
Zinc	**13**	0.83	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	6112827	11/28/16	11/30/16	EPA 7471A Soil	

SunStar Laboratories, Inc.



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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

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T163017-65 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*50.0 %*		*35-140*	"	"	"	"	
Surrogate: Decachlorobiphenyl		*58.3 %*		*35-140*	"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	5.0	ug/kg	1	6112333	11/23/16	11/24/16	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
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T163017-65 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Butylbenzene	ND	5.0	ug/kg	1	6112333	11/23/16	11/24/16	EPA 8260B	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	

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2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

DRUM

T163017-65 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
n-Propylbenzene	ND	5.0	ug/kg	1	6112333	11/23/16	11/24/16	EPA 8260B	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*85.5-116*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

COMP: B59,60,61-0.5

T163017-66 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.6 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*47.1 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

COMP: B62,63,64-0.5

T163017-67 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*56.9 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*55.8 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

COMP: B65,66-0.5

T163017-68 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*57.0 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*57.3 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

COMP: B67,68-0.5

T163017-69 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*62.7 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*61.1 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

COMP: B72,73-0.5

T163017-70 (Soil)

SunStar Laboratories, Inc.

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
alpha-BHC	ND	5.0	ug/kg	1	6112319	11/23/16	11/29/16	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	5.0	"	"	"	"	"	"	
alpha-Chlordane	ND	5.0	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*53.1 %*	*35-140*		"	"	"	"	
Surrogate: Decachlorobiphenyl		*54.2 %*	*35-140*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112238 - EPA 3550B GC										
Blank (6112238-BLK1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*86.8*		*"*	*101*		*86.0*	*65-135*			
LCS (6112238-BS1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C13-C28 (DRO)	540	10	mg/kg	505		107	75-125			
Surrogate: p-Terphenyl	*89.8*		*"*	*101*		*88.9*	*65-135*			
LCS Dup (6112238-BSD1)				Prepared: 11/22/16 Analyzed: 11/23/16						
C13-C28 (DRO)	480	10	mg/kg	495		97.9	75-125	11.0	20	
Surrogate: p-Terphenyl	*79.1*		*"*	*99.0*		*79.8*	*65-135*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112821 - EPA 3051										
Blank (6112821-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6112821-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	94.2	5.0	mg/kg	100		94.2	75-125			
Lead	101	3.0	"	100		101	75-125			
Matrix Spike (6112821-MS1)	**Source: T163016-47**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	70.9	5.0	mg/kg	100	3.98	66.9	75-125			QM-05
Lead	91.4	3.0	"	100	34.6	56.7	75-125			QM-05
Matrix Spike Dup (6112821-MSD1)	**Source: T163016-47**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	83.3	5.0	mg/kg	100	3.98	79.3	75-125	16.2	20	
Lead	104	3.0	"	100	34.6	69.4	75-125	13.0	20	QM-05
Batch 6112823 - EPA 3051										
Blank (6112823-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	5.0	"							
Lead	ND	3.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	2.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112823 - EPA 3051										
LCS (6112823-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	89.8	5.0	mg/kg	100		89.8	75-125			
Arsenic	89.8	5.0	"	100		89.8	75-125			
Barium	90.5	1.0	"	100		90.5	75-125			
Cadmium	91.8	2.0	"	100		91.8	75-125			
Chromium	90.2	2.0	"	100		90.2	75-125			
Lead	91.8	3.0	"	100		91.8	75-125			
Lead	91.8	3.0	"	100		91.8	75-125			
Matrix Spike (6112823-MS1)	**Source: T163004-06**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	79.7	4.5	mg/kg	90.9	3.96	83.3	75-125			
Arsenic	79.7	4.5	"	90.9	3.96	83.3	75-125			
Barium	239	0.91	"	90.9	83.5	171	75-125			QM-05
Cadmium	77.0	1.8	"	90.9	0.026	84.6	75-125			
Chromium	83.6	1.8	"	90.9	8.96	82.1	75-125			
Lead	82.6	2.7	"	90.9	7.12	83.1	75-125			
Lead	82.6	2.7	"	90.9	7.12	83.1	75-125			
Matrix Spike Dup (6112823-MSD1)	**Source: T163004-06**			Prepared: 11/28/16 Analyzed: 11/30/16						
Arsenic	82.4	5.0	mg/kg	100	3.96	78.5	75-125	3.35	20	
Arsenic	82.4	5.0	"	100	3.96	78.5	75-125	3.35	20	
Barium	223	1.0	"	100	83.5	140	75-125	7.02	20	QM-05
Cadmium	85.2	2.0	"	100	0.026	85.2	75-125	10.2	20	
Chromium	90.5	2.0	"	100	8.96	81.5	75-125	7.97	20	
Lead	87.5	3.0	"	100	7.12	80.4	75-125	5.77	20	
Lead	87.5	3.0	"	100	7.12	80.4	75-125	5.77	20	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112827 - EPA 7471A Soil										
Blank (6112827-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Mercury	ND	0.10	mg/kg							
LCS (6112827-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
Mercury	0.310	0.10	mg/kg	0.368		84.3	75-125			
Matrix Spike (6112827-MS1)	**Source: T163017-65**			Prepared: 11/28/16 Analyzed: 11/30/16						
Mercury	0.318	0.10	mg/kg	0.362	0.0326	78.9	75-125			
Matrix Spike Dup (6112827-MSD1)	**Source: T163017-65**			Prepared: 11/28/16 Analyzed: 11/30/16						
Mercury	0.356	0.10	mg/kg	0.417	0.0326	77.5	75-125	11.1	20	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112319 - EPA 3550 ECD/GCMS										
Blank (6112319-BLK1)				Prepared: 11/23/16 Analyzed: 11/29/16						
alpha-BHC	ND	5.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	5.0	"							
alpha-Chlordane	ND	5.0	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Surrogate: Tetrachloro-meta-xylene	*5.76*		*"*	*10.0*		*57.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*6.82*		*"*	*10.0*		*68.2*	*35-140*			
LCS (6112319-BS1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	40.7	5.0	ug/kg	40.0		102	40-120			
Heptachlor	37.3	5.0	"	40.0		93.2	40-120			
Aldrin	37.2	5.0	"	40.0		93.1	40-120			
Dieldrin	42.5	5.0	"	40.0		106	40-120			
Endrin	41.5	5.0	"	40.0		104	40-120			
4,4´-DDT	17.4	5.0	"	40.0		43.4	33-147			
Surrogate: Tetrachloro-meta-xylene	*9.01*		*"*	*10.0*		*90.1*	*35-140*			
Surrogate: Decachlorobiphenyl	*10.0*		*"*	*10.0*		*100*	*35-140*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112319 - EPA 3550 ECD/GCMS										
LCS Dup (6112319-BSD1)				Prepared: 11/23/16 Analyzed: 11/29/16						
gamma-BHC (Lindane)	31.3	5.0	ug/kg	40.0		78.4	40-120	26.0	30	
Heptachlor	25.8	5.0	"	40.0		64.6	40-120	36.3	30	QR-02
Aldrin	28.8	5.0	"	40.0		72.1	40-120	25.4	30	
Dieldrin	32.4	5.0	"	40.0		81.1	40-120	26.9	30	
Endrin	29.0	5.0	"	40.0		72.6	40-120	35.4	30	QR-02
4,4´-DDT	16.1	5.0	"	40.0		40.4	33-147	7.29	30	
Surrogate: Tetrachloro-meta-xylene	*7.37*		*"*	*10.0*		*73.7*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.13*		*"*	*10.0*		*81.3*	*35-140*			

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112816 - EPA 3550 ECD/GCMS										
Blank (6112816-BLK1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	ND	10	ug/kg							
PCB-1221	ND	10	"							
PCB-1232	ND	10	"							
PCB-1242	ND	10	"							
PCB-1248	ND	10	"							
PCB-1254	ND	10	"							
PCB-1260	ND	10	"							
Surrogate: Tetrachloro-meta-xylene	*6.68*		"	*10.0*		*66.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*8.32*		"	*10.0*		*83.2*	*35-140*			
LCS (6112816-BS1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.4	10	ug/kg	100		97.4	40-130			
PCB-1260	68.4	10	"	100		68.4	40-130			
Surrogate: Tetrachloro-meta-xylene	*6.98*		"	*10.0*		*69.8*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.85*		"	*10.0*		*78.5*	*35-140*			
LCS Dup (6112816-BSD1)				Prepared: 11/28/16 Analyzed: 11/30/16						
PCB-1016	97.7	10	ug/kg	100		97.7	40-130	0.248	30	
PCB-1260	78.4	10	"	100		78.4	40-130	13.6	30	
Surrogate: Tetrachloro-meta-xylene	*6.76*		"	*10.0*		*67.6*	*35-140*			
Surrogate: Decachlorobiphenyl	*7.99*		"	*10.0*		*79.9*	*35-140*			

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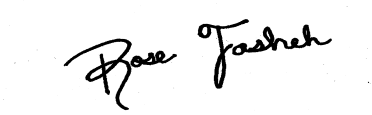

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112333 - EPA 5030 GCMS										
Blank (6112333-BLK1)				Prepared: 11/23/16 Analyzed: 11/24/16						
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							
2-Chlorotoluene	ND	5.0	"							
4-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Isopropylbenzene	ND	5.0	"							

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112333 - EPA 5030 GCMS										
Blank (6112333-BLK1)				Prepared: 11/23/16 Analyzed: 11/24/16						
p-Isopropyltoluene	ND	5.0	ug/kg							
Methylene chloride	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	5.0	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
Tert-amyl methyl ether	ND	20	"							
Tert-butyl alcohol	ND	50	"							
Di-isopropyl ether	ND	20	"							
Ethyl tert-butyl ether	ND	20	"							
Methyl tert-butyl ether	ND	20	"							
Surrogate: 4-Bromofluorobenzene	*36.8*		*"*	*40.0*		*92.1*	*81.2-123*			
Surrogate: Dibromofluoromethane	*46.1*		*"*	*40.0*		*115*	*95.7-135*			
Surrogate: Toluene-d8	*42.7*		*"*	*40.0*		*107*	*85.5-116*			

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6112333 - EPA 5030 GCMS										
LCS (6112333-BS1)				Prepared: 11/23/16 Analyzed: 11/24/16						
Chlorobenzene	82.9	5.0	ug/kg	99.4		83.4	75-125			
1,1-Dichloroethene	74.8	5.0	"	99.4		75.2	75-125			
Trichloroethene	78.2	5.0	"	99.4		78.6	75-125			
Benzene	93.2	5.0	"	99.4		93.8	75-125			
Toluene	77.7	5.0	"	99.4		78.2	75-125			
Surrogate: 4-Bromofluorobenzene	*55.6*		*"*	*39.8*		*140*	*81.2-123*			*S-GC*
Surrogate: Dibromofluoromethane	*43.3*		*"*	*39.8*		*109*	*95.7-135*			
Surrogate: Toluene-d8	*48.1*		*"*	*39.8*		*121*	*85.5-116*			*S-GC*
LCS Dup (6112333-BSD1)				Prepared: 11/23/16 Analyzed: 11/24/16						
Chlorobenzene	82.4	5.0	ug/kg	99.6		82.8	75-125	0.583	20	
1,1-Dichloroethene	75.6	5.0	"	99.6		76.0	75-125	1.19	20	
Trichloroethene	80.2	5.0	"	99.6		80.5	75-125	2.52	20	
Benzene	88.9	5.0	"	99.6		89.2	75-125	4.77	20	
Toluene	79.7	5.0	"	99.6		80.0	75-125	2.54	20	
Surrogate: 4-Bromofluorobenzene	*50.5*		*"*	*39.8*		*127*	*81.2-123*			*S-GC*
Surrogate: Dibromofluoromethane	*44.9*		*"*	*39.8*		*113*	*95.7-135*			
Surrogate: Toluene-d8	*46.0*		*"*	*39.8*		*116*	*85.5-116*			

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/01/16 10:11

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).
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Rose Fasheh

Rose Fasheh, Project Manager

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 9 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B54-1.5	01	1255	11/22	SOIL	J									
B54-2.5	02	1305	11/22											
B55-0.5	03	1315	11/22								X	X OCPs only		X
B55-1.5	04	1325	11/22											
B55-2.5	05	1335	11/22											
B56-0.5	06	1350	11/22								X	X OCPs only		X
B57-0.5	07	950	11/22								X	X		X
B57-1.5	08	1000	11/22											
B57-2.5	09	1010	11/22											
B58-0.5	10	1140	11/22				X				X	X		X
B58-1.5	11	1150	11/22											
B58-2.5	12	1155	11/22											
B59-0.5	13	925	11/21								X	OCPs on Composite of B59,60,61 @ 0.5		X
B59-1.5	14	930	11/21											
B59-2.5	15	940	11/21											
B60-0.5	16	950	11/21								X			X
B60-1.5	17	955	11/21											
B60-2.5	18	1005	11/21											
B61-0.5	19	1015	11/21								X			X
B61-1.5	20	1020	11/21											

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 10 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	~~Oxygenates~~ EPA 8260B Lead	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ as Series
B61-2.5	21	1030	11/22	Soil	J									
B62-0.5	22	945	11/21							X				X
B62-1.5	23	955	11/21											
B62-2.5	24	1010	11/21									OCPs on		
B63-0.5	25	1220	11/22							X		composite		X
B63-1.5	26	1230	11/22									of		
B63-2.5	27	1240	11/22									B62,63,64-		
B64-0.5	28	1110	11/22							X		0.5		X
B64-1.5	29	1120	11/22											
B64-2.5	30	1130	11/22											
B65-0.5	31	825	11/22							X		composite		X
B65-1.5	32	830	11/22									of B65,66-		
B65-2.5	33	840	11/22									0.5'		
B66-0.5	34	850	11/22							X				X
B66-1.5	35	855	11/22											
B66-2.5	36	905	11/22											
B67-0.5	37	915	11/22							X		composite		X
B67-1.5	38	925	11/22									of		
B67-2.5	39	930	11/22									B67,68		
B68-0.5	40	940	11/22							X		0.5		X

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6 13.8
Relinquished By:	Date/Time:	Received By:	Date/Time:	

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Foothill Ranch, CA 92610

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T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRUVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 11 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B68-1.5	41	945	11/22	Soil	J									
B68-2.5	42	955	11/22											
B69-0.5	43	1505	11/22								X	X OCPs only		X
B69-1.5	44	1510	11/22											
B69-2.5	45	1520	11/22											
B70-0.5	46	1530	11/22								X	X		X
B70-1.5	47	1535	11/22											
B70-2.5	48	1545	11/22											
B71-0.5	49	1555	11/22								X	X OCPs only		X
B71-1.5	50	1600	11/22											
B71-2.5	51	1605	11/22											
B72-0.5	52	1400	11/22								X	OCPs a composite of B72,73 0.5		X
B72-1.5	53	1405	11/22											
B72-2.5	54	1410	11/22											
B73-0.5	55	1425	11/22								X			X
B73-1.5	56	1430	11/22											
B73-2.5	57	1435	11/22											
B74-0.5	58	1300	11/22								X	X		X
B74-1.5	59	1305	11/22											
B74-2.5	60	1315	11/22											

Relinquished By:	Date/Time: 11/24	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

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T163017

CHAIN OF CUSTODY RECORD

3-Day

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 12 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ arsenic
B75-0.5	61	1505	11/22	Soil	J						X	X OCPs only		X
~~B75~~														
~~B75~~														
B76-0.5	62	1530	11/22								X	X OCPs only		X
B76-1.5	63	1535	11/22											
B76-2.5	64	1545	11/22									OCPs		
DRUM	65	1610	11/22				X		X	X		X 8081 only	X	

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6 13.8
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
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Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 7168017

Client Name: PINNACLE Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.23.16 / 8:07

Total number of coolers received: 2

Temperature: Cooler #1	18.8	°C +/- the CF (- 0.2°C) =	18.6	°C corrected temperature
Temperature: Cooler #2	14.0	°C +/- the CF (- 0.2°C) =	18.8	°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (- 0.2°C) =		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ **Yes** ☒ **No**
If NO:		
Samples received on ice?	☐ Yes	☒ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **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 11.23.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 7163017

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	05/21/17 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

07 December 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

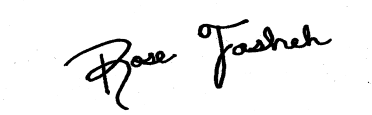
25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B7-1.5	T163015-20	Soil	11/21/16 11:35	11/23/16 08:07
B10-0.5	T163015-28	Soil	11/22/16 16:10	11/23/16 08:07
B10-1.5	T163015-29	Soil	11/22/16 16:20	11/23/16 08:07
B37- 0.5	T163016-29	Soil	11/21/16 13:35	11/23/16 08:07
B37- 1.5	T163016-30	Soil	11/21/16 13:45	11/23/16 08:07
B54-1.5	T163017-01	Soil	11/22/16 12:55	11/23/16 08:07
B58-1.5	T163017-11	Soil	11/22/16 11:50	11/23/16 08:07

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

DETECTIONS SUMMARY

Sample ID: B7-1.5 **Laboratory ID:** T163015-20

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**35**	3.0	mg/kg	EPA 6010B	

Sample ID: B10-0.5 **Laboratory ID:** T163015-28

No Results Detected

Sample ID: B10-1.5 **Laboratory ID:** T163015-29

No Results Detected

Sample ID: B37- 0.5 **Laboratory ID:** T163016-29

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**6.6**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: B37- 1.5 **Laboratory ID:** T163016-30

No Results Detected

Sample ID: B54-1.5 **Laboratory ID:** T163017-01

No Results Detected

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.

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

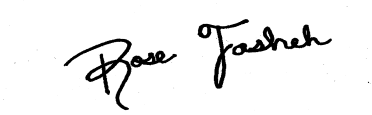
25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

Sample ID: B58-1.5 **Laboratory ID:** T163017-11

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**18**	5.0	mg/kg	EPA 6010B	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B7-1.5

T163015-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Lead	**35**	3.0	mg/kg	1	6120218	12/02/16	12/02/16	EPA 6010B	

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Rose Fasheh, Project Manager

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949.297.5027 Fax

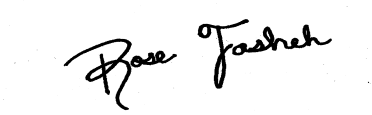
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B10-0.5

T163015-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
STLC Metals by 6000/7000 Series Methods									
Arsenic	ND	5.0	mg/l	1	6120229	12/02/16	12/07/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.



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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B10-1.5

T163015-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6120218	12/02/16	12/02/16	EPA 6010B	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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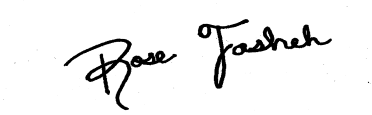
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B37- 0.5

T163016-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
STLC Metals by 6000/7000 Series Methods									
Lead	**6.6**	0.10	mg/l	1	6120229	12/02/16	12/07/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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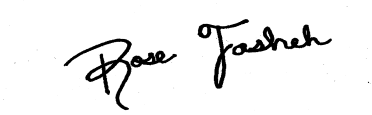
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B37- 1.5

T163016-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	ND	3.0	mg/kg	1	6120218	12/02/16	12/02/16	EPA 6010B	

SunStar Laboratories, Inc.



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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B54-1.5

T163017-01 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	2.7	mg/kg	1	6120218	12/02/16	12/02/16	EPA 6010B	

SunStar Laboratories, Inc.
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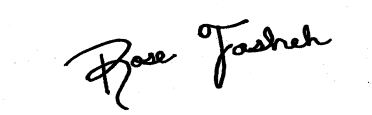
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

B58-1.5

T163017-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**18**	5.0	mg/kg	1	6120218	12/02/16	12/02/16	EPA 6010B	

SunStar Laboratories, Inc.



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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120218 - EPA 3051										
Blank (6120218-BLK1)				Prepared & Analyzed: 12/02/16						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (6120218-BS1)				Prepared & Analyzed: 12/02/16						
Arsenic	100	5.0	mg/kg	100		100	75-125			
Barium	98.3	1.0	"	100		98.3	75-125			
Cadmium	97.3	2.0	"	100		97.3	75-125			
Chromium	97.8	2.0	"	100		97.8	75-125			
Lead	98.2	3.0	"	100		98.2	75-125			
Lead	98.2	3.0	"	100		98.2	75-125			
Matrix Spike (6120218-MS1)	**Source: T163084-01**			Prepared & Analyzed: 12/02/16						
Arsenic	105	5.0	mg/kg	100	3.94	101	75-125			
Barium	245	1.0	"	100	144	102	75-125			
Cadmium	99.6	2.0	"	100	0.390	99.2	75-125			
Chromium	119	2.0	"	100	18.6	101	75-125			
Lead	101	3.0	"	100	7.11	93.4	75-125			
Lead	101	3.0	"	100	7.11	93.4	75-125			
Matrix Spike Dup (6120218-MSD1)	**Source: T163084-01**			Prepared & Analyzed: 12/02/16						
Arsenic	87.3	4.2	mg/kg	83.3	3.94	100	75-125	18.6	20	
Barium	231	0.83	"	83.3	144	105	75-125	6.07	20	
Cadmium	82.6	1.7	"	83.3	0.390	98.7	75-125	18.6	20	
Chromium	100	1.7	"	83.3	18.6	98.2	75-125	17.3	20	
Lead	85.9	2.5	"	83.3	7.11	94.6	75-125	15.7	20	
Lead	85.9	2.5	"	83.3	7.11	94.6	75-125	15.7	20	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120229 - STLC Metals										
Blank (6120229-BLK1)				Prepared: 12/02/16 Analyzed: 12/07/16						
Arsenic	ND	5.0	mg/l							
Lead	ND	0.10	"							
LCS (6120229-BS1)				Prepared: 12/02/16 Analyzed: 12/07/16						
Arsenic	11.0	5.0	mg/l	10.0		110	85-125			
Lead	9.93	0.10	"	10.0		99.3	75-125			
Matrix Spike (6120229-MS1)	**Source: T163015-28**			Prepared: 12/02/16 Analyzed: 12/07/16						
Arsenic	13.3	5.0	mg/l	10.0	1.73	116	85-125			
Lead	10.8	0.10	"	10.0	0.444	104	75-125			
Matrix Spike Dup (6120229-MSD1)	**Source: T163015-28**			Prepared: 12/02/16 Analyzed: 12/07/16						
Arsenic	11.3	5.0	mg/l	10.0	1.73	96.0	85-125	16.2	20	
Lead	9.26	0.10	"	10.0	0.444	88.2	75-125	15.6	30	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/07/16 16:03

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8460 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: Sunstar

NORM (RUSH) EDF - YES (NO) Page 1 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ Lead EPA 8270C (LeadD)	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ARSENIC EPA 8260SIM (LeadD)
B1-0.5	01	1500	11/22	SOIL	J									X
B1-1.5	02	1505	11/22											
B1-2.5	03	1510	11/22											
B2-0.5	04	1400	11/21								X	X OCP ONLY		X
B2-1.5	05	1410	11/21											
B2-2.5	06	1415	11/21											
B3-0.5	07	1430	11/21								X	X OCP ONLY		X
B3-1.5	08	1435	11/21											
B3-2.5	09	1440	11/21											
B4-0.5	10	1010	11/21								X	X OCP ONLY		X
B4-1.5	11	1020	11/21											
B4-2.5	12	1030	11/21											
B5-0.5	13	1045	11/21								X	X		X
B5-1.5	14	1055	11/21											
B5-2.5	15	1105	11/21											
B6-0.5	16	1505	11/22											X
B6-1.5	17	1515	11/22											
B6-2.5	18	1525	11/22											
B7-0.5	19	1125	11/21				X				X	X OCP ONLY		X
B7-1.5	20	1135	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. RESEDA, CA Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 2 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~Lead~~ ~~1,4-Dioxane~~ EPA 8260SIM ARSENIC
B7-2.5	21	1145	11/21	SOIL	J									
B8-0.5	22	1510	11/22								X	X OCP only		X
B8-1.5	23	1515	11/22											
B8-2.5	24	1525	11/22											
B9-0.5	25	1535	11/22								X	X OCP only		X
B9-1.5	26	1540	11/22											
B9-2.5	27	1550	11/22											
B10-0.5	28	1610	11/22								X	X OCP only		X
B10-1.5	29	1620	11/22											
B10-2.5	30	1630	11/22											
B11-0.5	31	1540	11/22								X	X OCP only		X
B11-1.5	32	1550	11/22											
B11-2.5	33	1600	11/22											
B12-0.5	34	815	11/21								X	X OCP only		X
B12-1.5	35	825	11/21											
B12-2.5	36	835	11/21											
B13-0.5	37	850	11/21								X	X		X
B13-1.5	38	900	11/21											
B13-2.5	39	910	11/21											
B14-0.5	40	925	11/21	↓	↓						X	X OCP only		X

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 8:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 3 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ ARSENIC
B14-1.5	41	940	11/21	SOIL	J									
B14-2.5	42	950	11/21											
B15-0.5	43	1005	11/21								X	X OCP only		X
B15-1.5	44	1015	11/21											
B15-2.5	45	1025	11/21											
B16-0.5	46	1405	11/22								X	X OCP only		X
B16-1.5	47	1415	11/22											
B16-2.5	48	1425	11/22											
B17-0.5	49	955	11/21								X	X OCP only		X
B17-1.5	50	1005	11/21											
B17-2.5	51	1015	11/21											
B18-0.5	52	840	11/21								X	X OCP only		X
B18-1.5	53	850	11/21											
B18-2.5	54	900	11/21											
B19-0.5	55	915	11/21								X	X OCP only		X
B19-1.5	56	925	11/21											
B19-2.5	57	940	11/21											
B20-0.5	58	1310	11/21								X	X OCP only		X
B20-1.5	59	1320	11/21											
B20-2.5	60	1330	11/21											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRANER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE.
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / RUSH
EDF - YES (NO)
Page 4 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B21-0.5	61	1340	11/21	Soil	J						X	X OCP only		X
B21-1.5	62	1350	11/21											
B21-2.5	63	1400	11/21											
B22-0.5	64	1450	11/21								X	X OCP only		X
B22-1.5	65	1455	11/21											
B22-2.5	66	1505	11/21											
B23-0.5	67	1030	11/21								X	X OCP only		X
B23-1.5	68	1040	11/21											
B23-2.5	69	1050	11/21											
B24-0.5	70	1410	11/21								X	X OCP only		X
B24-1.5	71	1420	11/21											
B24-2.5	72	1430	11/21											
B25-0.5	73	1100	11/21								X	X OCP only		X
B25-1.5	74	1105	11/21											
B25-2.5	75	1115	11/21											
B26-0.5	76	1125	11/21								X	X OCP only		X
B26-1.5	77	1135	11/21											
B26-2.5	78	1150	11/21											
B27-0.5	79	745	11/22								X	X OCP only		X
B27-1.5	80	755	11/22	↓	↓									

Relinquished By:	Date/Time:	Received By:	Date/Time:	NOTES:
	11/23		11/23/16 08:07	13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

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Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1168015

Client Name: PINNACLE

Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: [X] Client [ ] SunStar Courier [ ] GSO [ ] FedEx [ ] Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.28.16 / 8:05

Total number of coolers received: 2

Temperature:	Cooler #1 18.8	°C +/- the CF (- 0.2°C)	= 18.6	°C corrected temperature
Temperature:	Cooler #2 14.2	°C +/- the CF (- 0.2°C)	= 14.0	°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C)	=	°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	[ ] **Yes** [X] **No**
If NO:		
Samples received on ice?	[ ] Yes	[X] **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	[ ] Yes → Acceptable	[ ] **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	[ ] Yes	[ ] No*	[X] N/A
Sample containers intact	[X] Yes	[ ] No*	
Sample labels match Chain of Custody IDs	[X] Yes	[ ] No*	
Total number of containers received match COC	[X] Yes	[ ] No*	
Proper containers received for analyses requested on COC	[X] Yes	[ ] No*	
Proper preservative indicated on COC/containers for analyses requested	[ ] Yes	[ ] No*	[X] N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	[ ] **Yes**	[X] **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 11.28.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 716015

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

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PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA T1630116 Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 5 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ EPA 8260SIM
B28-0.5	01	815	11/21	Soil	J						X	X OCP only		X
B28-1.5	02	825	11/21											
B28-2.5	03	840	11/21								X	X OCP only		X
B29-0.5	04	855	11/21											
B29-1.5	05	905	11/21											
B29-2.5	06	920	11/21											
B27-2.5	07	805	11/22								X	X OCP only		X
B30-0.5	08	930	11/21											
B30-1.5	09	935	11/21											
B30-2.5	10	950	11/21								X	X OCP only		X
B31-0.5	11	1000	11/21											
B31-1.5	12	1010	11/21											
B31-2.5	13	1020	11/21								X	X OCP only		X
B32-0.5	14	1030	11/21											
B32-1.5	15	1040	11/21											
B32-2.5	16	1050	11/21								X	X OCP only		X
B33-0.5	17	1105	11/21											
B33-1.5	18	1110	11/21											
B33-2.5	19	1120	11/21								X	X		X
B34-0.5	20	1000	11/22											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE.
RESEDA, CA T163016

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / (RUSH)
EDF - YES (NO)
Page 6 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B34-1.5	21	1010	11/22	Soil	J									
B34-2.5	22	1020	11/22	↓	↓									
B35-0.5	23	1510	11/21								x	x OCP only		x
B35-1.5	24	1520	11/21											
B35-2.5	25	1530	11/21											
B36-0.5	26	1310	11/22								x	x OCP only		x
B36-1.5	27	1515	11/22											
B36-2.5	28	1525	11/22											
B37-0.5	29	1335	11/21								x	x OCP only		x
B37-1.5	30	1345	11/21											
B37-2.5	31	1400	11/21											
B38-0.5	32	1305	11/21								x	x OCP only		x
B38-1.5	33	1310	11/21											
B38-2.5	34	1320	11/21											
B39-0.5	35	1410	11/22								x	OCP only on composite B39+B40-0.5		x
B39-1.5	36	1420	11/22											
B39-2.5	37	1430	11/22											
B40-0.5	38	1110	11/22								x			x
B40-1.5	39	1120	11/22											
B40-2.5	40	1130	11/22											

Relinquished By: [signature]	Date/Time: 11/23/16	Received By: [signature]	Date/Time: 11/23/16 8:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES:

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 5140 VANALDEN AVE
RESEDA CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 7 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B41-0.5	41	1040	11/22	SOIL	J							X PCBs		
B41-1.5	42	1045	11/22									only		
B41-2.5	43	1055	11/22											
B42-0.5	44	1205	11/22									X PCBs		
B42-1.5	45	1215	11/22									only		
B42-2.5	46	1225	11/22											
B43-0.5	47	805	11/21								X			X
B43-1.5	48	810	11/21									OCPs on		
B43-2.5	49	820	11/21									composite		
B44-0.5	50	830	11/21								X	B43,44,45-		X
B44-1.5	51	835	11/21									0.5		
B44-2.5	52	845	11/21											
B45-0.5	53	855	11/21								X			X
B45-1.5	54	905	11/21											
B45-2.5	55	915	11/21											
B46-0.5	56	810	11/21								X	OCPs on		X
B46-1.5	57	815	11/21									composite		
B46-2.5	58	830	11/21									B46,47-		
B47-0.5	59	840	11/21	V	V						X	0.5		X
B47-1.5	60	845	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VAN ALDEN AVE
RESEDA, CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 8 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ arsenic
B47-2.5	61	855	11/21	SOIL	J									
B48-0.5	62	655	11/22								X	X OCPs only		X
B48-1.5	63	705	11/22									~~Composite~~		
B48-2.5	64	715	11/22									~~B48,49-~~		
B49-0.5	65	725	11/22								X	X ~~OCPs~~ OCPs only		X
B49-1.5	66	735	11/22											
B49-2.5	67	745	11/22											
B50-0.5	68	1450	11/22								X	X OCPs only		X
B50-1.5	69	1455	11/22											
B50-2.5	70	1505	11/22											
B51-0.5	71	1110	11/22								X	X OCPs only		X
B51-1.5	72	1120	11/22											
B51-2.5	73	1130	11/22											
B52-0.5	74	930	11/22								X	X OCPs only		X
B52-1.5	75	940	11/22											
B52-2.5	76	950	11/22											
B53-0.5	77	800	11/22								X	X OCPs only		X
B53-1.5	78	805	11/22											
B53-2.5	79	815	11/22											
B54-0.5	80	1250	11/22								X	X OCPs only		X

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
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Foothill Ranch, CA 92610
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FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T163016

Client Name: PINNACLE Project: GROVER CLEVELAND H.S.

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11-23-16 8:07

Total number of coolers received:

Temperature: Cooler #1 13.5	°C +/- the CF (- 0.2°C)	= 13.3	°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?		☐ **Yes** ☐ **No**
If NO:			
Samples received on ice?	☐ Yes		☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable		☐ **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: BC 11-23-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # _____

- **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: TWO SAMPLE JARS ARE MISSING #60 B47-1.5, #61 B47-2.5

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 9 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B54-1.5	01	1255	11/22	SOIL	J									
B54-2.5	02	1305	11/22											
B55-0.5	03	1315	11/22								X	X OCPs only		X
B55-1.5	04	1325	11/22											
B55-2.5	05	1335	11/22											
B56-0.5	06	1350	11/22								X	X OCPs only		X
B57-0.5	07	950	11/22								X	X		X
B57-1.5	08	1000	11/22											
B57-2.5	09	1010	11/22											
B58-0.5	10	1140	11/22				X				X	X		X
B58-1.5	11	1150	11/22											
B58-2.5	12	1155	11/22											
B59-0.5	13	925	11/21								X	OCPs on Composite of B59,60,61 @ 0.5		X
B59-1.5	14	930	11/21											
B59-2.5	15	940	11/21											
B60-0.5	16	950	11/21								X			X
B60-1.5	17	955	11/21											
B60-2.5	18	1005	11/21											
B61-0.5	19	1015	11/21								X			X
B61-1.5	20	1020	11/21											

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 10 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	~~Oxygenates~~ EPA 8260B Lead	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ as Series
B61-2.5	21	1030	11/22	Soil	J									
B62-0.5	22	945	11/21							X				X
B62-1.5	23	955	11/21											
B62-2.5	24	1010	11/21									OCPs on		
B63-0.5	25	1220	11/22							X		composite		X
B63-1.5	26	1230	11/22									of		
B63-2.5	27	1240	11/22									B62,63,64-		
B64-0.5	28	1110	11/22							X		0.5		X
B64-1.5	29	1120	11/22											
B64-2.5	30	1130	11/22											
B65-0.5	31	825	11/22							X		composite		X
B65-1.5	32	830	11/22									of B65,66-		
B65-2.5	33	840	11/22									0.5'		
B66-0.5	34	850	11/22							X				X
B66-1.5	35	855	11/22											
B66-2.5	36	905	11/22											
B67-0.5	37	915	11/22							X		composite		X
B67-1.5	38	925	11/22									of		
B67-2.5	39	930	11/22									B67,68		
B68-0.5	40	940	11/22							X		0.5		X

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Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRUVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 11 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B68-1.5	41	945	11/22	Soil	J									
B68-2.5	42	955	11/22											
B69-0.5	43	1505	11/22								X	X OCPs only		X
B69-1.5	44	1510	11/22											
B69-2.5	45	1520	11/22											
B70-0.5	46	1530	11/22								X	X		X
B70-1.5	47	1535	11/22											
B70-2.5	48	1545	11/22											
B71-0.5	49	1555	11/22								X	X OCPs only		X
B71-1.5	50	1600	11/22											
B71-2.5	51	1605	11/22											
B72-0.5	52	1400	11/22								X	OCPs a composite of B72,73 0.5		X
B72-1.5	53	1405	11/22											
B72-2.5	54	1410	11/22											
B73-0.5	55	1425	11/22								X			X
B73-1.5	56	1430	11/22											
B73-2.5	57	1435	11/22											
B74-0.5	58	1300	11/22								X	X		X
B74-1.5	59	1305	11/22											
B74-2.5	60	1315	11/22											

Relinquished By:	Date/Time: 11/24	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

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FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-Day

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 12 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ arsenic
B75-0.5	61	1505	11/22	Soil	J						X	X OCPs only		X
~~B75~~														
~~B75~~														
B76-0.5	62	1530	11/22								X	X OCPs only		X
B76-1.5	63	1535	11/22											
B76-2.5	64	1545	11/22									OCPs		
DRUM	65	1610	11/22				X		X	X		X 8081 only	X	

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6 13.8
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
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SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 7168017

Client Name: PINNACLE Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.23.16 / 8:07

Total number of coolers received: 2

Temperature: Cooler #1	18.8	°C +/- the CF (- 0.2°C) =	18.6	°C corrected temperature
Temperature: Cooler #2	14.0	°C +/- the CF (- 0.2°C) =	18.8	°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (- 0.2°C) =		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ **Yes** ☒ **No**
If NO:		
Samples received on ice?	☐ Yes	☒ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **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 11.23.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 7163017

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	05/21/17 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 11:35	
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				**STLC As added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
STLC Pb	12/07/16 15:00	3	05/21/17 16:10	Arsenic ONLY
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	12/07/16 15:00	3	05/21/17 16:20	As ONLY
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				**STLC Pb added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
STLC Pb	12/07/16 15:00	3	05/20/17 13:35	
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/05/16 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 13:45	
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/21/17 12:55	
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:50	As ONLY
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	11/27/16 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

13 December 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/13/16 12:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B58-2.5	T163017-12	Soil	11/22/16 11:55	11/23/16 08:07

SunStar Laboratories, Inc.

Rose Fasheh

Rose Fasheh, Project Manager

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.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

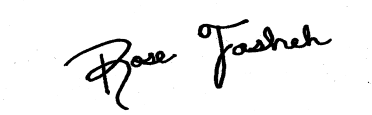
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/13/16 12:53

DETECTIONS SUMMARY

Sample ID: B58-2.5 **Laboratory ID:** T163017-12

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**9.1**	5.0	mg/kg	EPA 6010B	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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.

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/13/16 12:53

B58-2.5

T163017-12 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**9.1**	5.0	mg/kg	1	6120836	12/08/16	12/09/16	EPA 6010B	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

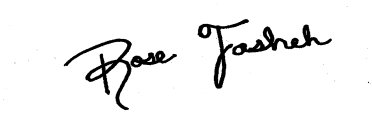
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/13/16 12:53

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120836 - EPA 3051										
Blank (6120836-BLK1)				Prepared: 12/08/16 Analyzed: 12/09/16						
Arsenic	ND	5.0	mg/kg							
LCS (6120836-BS1)				Prepared: 12/08/16 Analyzed: 12/09/16						
Arsenic	94.8	5.0	mg/kg	100		94.8	75-125			
Matrix Spike (6120836-MS1)	**Source: T163132-03**			Prepared: 12/08/16 Analyzed: 12/09/16						
Arsenic	85.1	5.0	mg/kg	100	1.54	83.6	75-125			
Matrix Spike Dup (6120836-MSD1)	**Source: T163132-03**			Prepared: 12/08/16 Analyzed: 12/09/16						
Arsenic	92.9	5.0	mg/kg	100	1.54	91.3	75-125	8.70	20	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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.

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/13/16 12:53

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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.

Rose Fasheh, Project Manager

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 9 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B54-1.5	01	1255	11/22	SOIL	J									
B54-2.5	02	1305	11/22											
B55-0.5	03	1315	11/22								X	X OCPs only		X
B55-1.5	04	1325	11/22											
B55-2.5	05	1335	11/22											
B56-0.5	06	1350	11/22								X	X OCPs only		X
B57-0.5	07	950	11/22								X	X		X
B57-1.5	08	1000	11/22											
B57-2.5	09	1010	11/22											
B58-0.5	10	1140	11/22				X				X	X		X
B58-1.5	11	1150	11/22											
B58-2.5	12	1155	11/22											
B59-0.5	13	925	11/21								X	OCPs on Composite of B59,60,61 @ 0.5		X
B59-1.5	14	930	11/21											
B59-2.5	15	940	11/21											
B60-0.5	16	950	11/21								X			X
B60-1.5	17	955	11/21											
B60-2.5	18	1005	11/21											
B61-0.5	19	1015	11/21								X			X
B61-1.5	20	1020	11/21											

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES / (NO)
Page 10 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	~~Oxygenates~~ EPA 8260B Lead	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ as Series
B61-2.5	21	1030	11/22	Soil	J									
B62-0.5	22	945	11/21							X				X
B62-1.5	23	955	11/21											
B62-2.5	24	1010	11/21									OCPs on		
B63-0.5	25	1220	11/22							X		composite		X
B63-1.5	26	1230	11/22									of		
B63-2.5	27	1240	11/22									B62,63,64-		
B64-0.5	28	1110	11/22							X		0.5		X
B64-1.5	29	1120	11/22											
B64-2.5	30	1130	11/22											
B65-0.5	31	825	11/22							X		composite		X
B65-1.5	32	830	11/22									of B65,66-		
B65-2.5	33	840	11/22									0.5'		
B66-0.5	34	850	11/22							X				X
B66-1.5	35	855	11/22											
B66-2.5	36	905	11/22											
B67-0.5	37	915	11/22							X		composite		X
B67-1.5	38	925	11/22									of		
B67-2.5	39	930	11/22									B67,68		
B68-0.5	40	940	11/22							X		0.5		X

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6 13.8
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163017

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRUVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 11 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B68-1.5	41	945	11/22	Soil	J									
B68-2.5	42	955	11/22											
B69-0.5	43	1505	11/22								X	X OCPs only		X
B69-1.5	44	1510	11/22											
B69-2.5	45	1520	11/22											
B70-0.5	46	1530	11/22								X	X		X
B70-1.5	47	1535	11/22											
B70-2.5	48	1545	11/22											
B71-0.5	49	1555	11/22								X	X OCPs only		X
B71-1.5	50	1600	11/22											
B71-2.5	51	1605	11/22											
B72-0.5	52	1400	11/22								X	OCPs a composite of B72,73 0.5		X
B72-1.5	53	1405	11/22											
B72-2.5	54	1410	11/22											
B73-0.5	55	1425	11/22								X			X
B73-1.5	56	1430	11/22											
B73-2.5	57	1435	11/22											
B74-0.5	58	1300	11/22								X	X		X
B74-1.5	59	1305	11/22											
B74-2.5	60	1315	11/22											

Relinquished By:	Date/Time: 11/24	Received By:	Date/Time: 11/23/16 08:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6 13.8

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

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T163017

CHAIN OF CUSTODY RECORD

3-Day

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE
RESEDA CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 12 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane EPA 8260SIM~~ arsenic
B75-0.5	61	1505	11/22	Soil	J						X	X OCPs only		X
~~B75~~														
~~B75~~														
B76-0.5	62	1530	11/22								X	X OCPs only		X
B76-1.5	63	1535	11/22											
B76-2.5	64	1545	11/22									OCPs		
DRUM	65	1610	11/22				X		X	X		X 8081 only	X	

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6 13.8
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 7168017

Client Name: PINNACLE Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.23.16 / 8:07

Total number of coolers received: 2

Temperature: Cooler #1	18.8	°C +/- the CF (- 0.2°C) =	18.6	°C corrected temperature
Temperature: Cooler #2	14.0	°C +/- the CF (- 0.2°C) =	18.8	°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (- 0.2°C) =		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ **Yes** ☒ **No**
If NO:		
Samples received on ice?	☐ Yes	☒ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **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 11.23.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 7163017

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	05/21/17 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/21/17 12:55	
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:50	As ONLY
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	11/27/16 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 10:00

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163017-01 B54-1.5 [Soil] Sampled 11/22/16 12:55 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/21/17 12:55	
T163017-02 B54-2.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-03 B55-0.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:15	
T163017-04 B55-1.5 [Soil] Sampled 11/22/16 13:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-05 B55-2.5 [Soil] Sampled 11/22/16 13:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-06 B56-0.5 [Soil] Sampled 11/22/16 13:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-07 B57-0.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:50	
8082 PCB	11/30/16 15:00	3	12/06/16 09:50	
T163017-08 B57-1.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-09 B57-2.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-10 B58-0.5 [Soil] Sampled 11/22/16 11:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:40	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 11:40	
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:40	
8082 PCB	11/30/16 15:00	3	12/06/16 11:40	
T163017-11 B58-1.5 [Soil] Sampled 11/22/16 11:50 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	12/07/16 15:00	3	05/21/17 11:50	As ONLY
T163017-12 B58-2.5 [Soil] Sampled 11/22/16 11:55 (GMT-08:00) Pacific Time (US &				**6010 Arsenic added per client request (Keith, 12/8)**
6010 Individual Metals	12/13/16 15:00	3	05/21/17 11:55	As only
T163017-13 B59-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
T163017-14 B59-1.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-15 B59-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-16 B60-0.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:50	As, Pb only
T163017-17 B60-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-18 B60-2.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-19 B61-0.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:15	As, Pb only
T163017-20 B61-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-21 B61-2.5 [Soil] Sampled 11/22/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-22 B62-0.5 [Soil] Sampled 11/21/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:45	As, Pb only
T163017-23 B62-1.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-24 B62-2.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-25 B63-0.5 [Soil] Sampled 11/22/16 12:20 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:20	As, Pb only
T163017-26 B63-1.5 [Soil] Sampled 11/22/16 12:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-27 B63-2.5 [Soil] Sampled 11/22/16 12:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-28 B64-0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163017-29 B64-1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-30 B64-2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-31 B65-0.5 [Soil] Sampled 11/22/16 08:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:25	As, Pb only
T163017-32 B65-1.5 [Soil] Sampled 11/22/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-33 B65-2.5 [Soil] Sampled 11/22/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-34 B66-0.5 [Soil] Sampled 11/22/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:50	As, Pb only
T163017-35 B66-1.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-36 B66-2.5 [Soil] Sampled 11/22/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-37 B67-0.5 [Soil] Sampled 11/22/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:15	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-38 B67-1.5 [Soil] Sampled 11/22/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-39 B67-2.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-40 B68-0.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:40	As, Pb only
T163017-41 B68-1.5 [Soil] Sampled 11/22/16 09:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-42 B68-2.5 [Soil] Sampled 11/22/16 09:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-43 B69-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-44 B69-1.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-45 B69-2.5 [Soil] Sampled 11/22/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-46 B70-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
8082 PCB	11/30/16 15:00	3	12/06/16 15:30	
T163017-47 B70-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-48 B70-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-49 B71-0.5 [Soil] Sampled 11/22/16 15:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:55	
T163017-50 B71-1.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-51 B71-2.5 [Soil] Sampled 11/22/16 16:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-52 B72-0.5 [Soil] Sampled 11/22/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:00	As, Pb only
T163017-53 B72-1.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-54 B72-2.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-55 B73-0.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:25	As, Pb only
T163017-56 B73-1.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-57 B73-2.5 [Soil] Sampled 11/22/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-58 B74-0.5 [Soil] Sampled 11/22/16 13:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 13:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 13:00	
8082 PCB	11/30/16 15:00	3	12/06/16 13:00	
T163017-59 B74-1.5 [Soil] Sampled 11/22/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-60 B74-2.5 [Soil] Sampled 11/22/16 13:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-61 B75-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:05	
T163017-62 B76-0.5 [Soil] Sampled 11/22/16 15:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:30	
T163017-63 B76-1.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-64 B76-2.5 [Soil] Sampled 11/22/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163017-65 DRUM [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Title 22	11/30/16 15:00	3	11/27/16 16:10	
8015 Carbon Chain	11/30/16 15:00	3	12/06/16 16:10	
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
8260	11/30/16 15:00	3	12/06/16 16:10	+ OXY
T163017-66 COMP: B59,60,61-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163017

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163017-67 COMP: B62,63,64-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 3:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-68 COMP: B65,66-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-69 COMP: B67,68-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163017-70 COMP: B72,73-0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**COMPOSITE 2:1**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

12 April 2017

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/23/16 08:07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B7-0.5	T163015-19	Soil	11/21/16 11:25	11/23/16 08:07
B37- 0.5	T163016-29	Soil	11/21/16 13:35	11/23/16 08:07
B54- 0.5	T163016-80	Soil	11/22/16 12:50	11/23/16 08:07

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.

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

DETECTIONS SUMMARY

Sample ID: B7-0.5 **Laboratory ID:** T163015-19

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**6.7**	0.20	mg/l	STLC Waste Extraction T	

Sample ID: B37- 0.5 **Laboratory ID:** T163016-29

No Results Detected

Sample ID: B54- 0.5 **Laboratory ID:** T163016-80

No Results Detected

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

B7-0.5

T163015-19 (Soil)

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**6.7**	0.20	mg/l	2	7041034	04/10/17	04/12/17	STLC Waste Extraction Test	

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Rose Fasheh, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

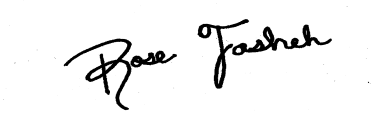
Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

B37- 0.5

T163016-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TCLP Metals by 6000/7000 Series Methods									
Lead	ND	0.10	mg/l	1	7041035	04/10/17	04/12/17	EPA 1311	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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Lake Forest, California 92630
949.297.5020 Phone
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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

B54- 0.5

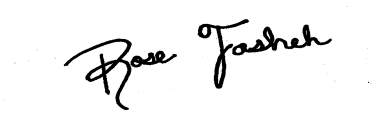
T163016-80 (Soil)

SunStar Laboratories, Inc.

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	0.10	mg/l	1	7041035	04/10/17	04/12/17	EPA 1311	

SunStar Laboratories, Inc.



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Lake Forest, California 92630
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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

TCLP Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041035 - TCLP Metals										
Blank (7041035-BLK1)				Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	ND	0.10	mg/l							
LCS (7041035-BS1)				Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	0.470	0.10	mg/l	0.500		93.9	75-125			
Matrix Spike (7041035-MS1)	**Source: T170867-01**			Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	1.19	0.10	mg/l	0.500	0.347	168	75-125			QM-05
Matrix Spike Dup (7041035-MSD1)	**Source: T170867-01**			Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	0.984	0.10	mg/l	0.500	0.347	127	75-125	18.8	30	QM-05

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041034 - STLC Metals										
Blank (7041034-BLK1)				Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	ND	0.10	mg/l							
LCS (7041034-BS1)				Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	0.248	0.10	mg/l	0.250		99.1	75-125			
Matrix Spike (7041034-MS1)	**Source: T170867-01**			Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	11.9	0.10	mg/l	0.250	8.60	NR	75-125			QM-01
Matrix Spike Dup (7041034-MSD1)	**Source: T170867-01**			Prepared: 04/10/17 Analyzed: 04/12/17						
Lead	12.3	0.10	mg/l	0.250	8.60	NR	75-125	3.77	30	QM-01

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager

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Lake Forest, California 92630
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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/12/17 12:36

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
QM-01	The % recovery is outside of established control limits due to matrix interference and/or sample dilution due to matrix effect. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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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.

Rose Fasheh, Project Manager

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8460 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: Sunstar

NORM (RUSH) EDF - YES (NO) Page 1 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ Lead EPA 8270C (LeadD)	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ARSENIC EPA 8260SIM (LeadD)
B1-0.5	01	1500	11/22	SOIL	J									X
B1-1.5	02	1505	11/22											
B1-2.5	03	1510	11/22											
B2-0.5	04	1400	11/21								X	X OCP ONLY		X
B2-1.5	05	1410	11/21											
B2-2.5	06	1415	11/21											
B3-0.5	07	1430	11/21								X	X OCP ONLY		X
B3-1.5	08	1435	11/21											
B3-2.5	09	1440	11/21											
B4-0.5	10	1010	11/21								X	X OCP ONLY		X
B4-1.5	11	1020	11/21											
B4-2.5	12	1030	11/21											
B5-0.5	13	1045	11/21								X	X		X
B5-1.5	14	1055	11/21											
B5-2.5	15	1105	11/21											
B6-0.5	16	1505	11/22											X
B6-1.5	17	1515	11/22											
B6-2.5	18	1525	11/22											
B7-0.5	19	1125	11/21				X				X	X OCP ONLY		X
B7-1.5	20	1135	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. RESEDA, CA Sampled By: ☐ MALVEY ☒ THOMPSON

Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 2 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~Lead~~ ~~1,4-Dioxane~~ EPA 8260SIM ARSENIC
B7-2.5	21	1145	11/21	SOIL	J									
B8-0.5	22	1510	11/22								X	X OCP only		X
B8-1.5	23	1515	11/22											
B8-2.5	24	1525	11/22											
B9-0.5	25	1535	11/22								X	X OCP only		X
B9-1.5	26	1540	11/22											
B9-2.5	27	1550	11/22											
B10-0.5	28	1610	11/22								X	X OCP only		X
B10-1.5	29	1620	11/22											
B10-2.5	30	1630	11/22											
B11-0.5	31	1540	11/22								X	X OCP only		X
B11-1.5	32	1550	11/22											
B11-2.5	33	1600	11/22											
B12-0.5	34	815	11/21								X	X OCP only		X
B12-1.5	35	825	11/21											
B12-2.5	36	835	11/21											
B13-0.5	37	850	11/21								X	X		X
B13-1.5	38	900	11/21											
B13-2.5	39	910	11/21											
B14-0.5	40	925	11/21	↓	↓						X	X OCP only		X

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 8:07
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 13.6

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 3 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ ARSENIC
B14-1.5	41	940	11/21	SOIL	J									
B14-2.5	42	950	11/21											
B15-0.5	43	1005	11/21								X	X OCP only		X
B15-1.5	44	1015	11/21											
B15-2.5	45	1025	11/21											
B16-0.5	46	1405	11/22								X	X OCP only		X
B16-1.5	47	1415	11/22											
B16-2.5	48	1425	11/22											
B17-0.5	49	955	11/21								X	X OCP only		X
B17-1.5	50	1005	11/21											
B17-2.5	51	1015	11/21											
B18-0.5	52	840	11/21								X	X OCP only		X
B18-1.5	53	850	11/21											
B18-2.5	54	900	11/21											
B19-0.5	55	915	11/21								X	X OCP only		X
B19-1.5	56	925	11/21											
B19-2.5	57	940	11/21											
B20-0.5	58	1310	11/21								X	X OCP only		X
B20-1.5	59	1320	11/21											
B20-2.5	60	1330	11/21											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES: 13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

T163015

CHAIN OF CUSTODY RECORD

3-DAY

Site: GRANER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE.
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / RUSH
EDF - YES (NO)
Page 4 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B21-0.5	61	1340	11/21	Soil	J						X	X OCP only		X
B21-1.5	62	1350	11/21											
B21-2.5	63	1400	11/21											
B22-0.5	64	1450	11/21								X	X OCP only		X
B22-1.5	65	1455	11/21											
B22-2.5	66	1505	11/21											
B23-0.5	67	1030	11/21								X	X OCP only		X
B23-1.5	68	1040	11/21											
B23-2.5	69	1050	11/21											
B24-0.5	70	1410	11/21								X	X OCP only		X
B24-1.5	71	1420	11/21											
B24-2.5	72	1430	11/21											
B25-0.5	73	1100	11/21								X	X OCP only		X
B25-1.5	74	1105	11/21											
B25-2.5	75	1115	11/21											
B26-0.5	76	1125	11/21								X	X OCP only		X
B26-1.5	77	1135	11/21											
B26-2.5	78	1150	11/21											
B27-0.5	79	745	11/22								X	X OCP only		X
B27-1.5	80	755	11/22	↓	↓									

Relinquished By:	Date/Time:	Received By:	Date/Time:	NOTES:
	11/23		11/23/16 08:07	13.6
Relinquished By:	Date/Time:	Received By:	Date/Time:	

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Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1168015

Client Name: PINNACLE

Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: [X] Client [ ] SunStar Courier [ ] GSO [ ] FedEx [ ] Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11.28.16 / 8:05

Total number of coolers received: 2

Temperature:	Cooler #1 18.8	°C +/- the CF (- 0.2°C)	= 18.6	°C corrected temperature
Temperature:	Cooler #2 14.2	°C +/- the CF (- 0.2°C)	= 14.0	°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C)	=	°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	[ ] **Yes** [X] **No**
If NO:		
Samples received on ice?	[ ] Yes	[X] **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	[ ] Yes → Acceptable	[ ] **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	[ ] Yes	[ ] No*	[X] N/A
Sample containers intact	[X] Yes	[ ] No*	
Sample labels match Chain of Custody IDs	[X] Yes	[ ] No*	
Total number of containers received match COC	[X] Yes	[ ] No*	
Proper containers received for analyses requested on COC	[X] Yes	[ ] No*	
Proper preservative indicated on COC/containers for analyses requested	[ ] Yes	[ ] No*	[X] N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	[ ] **Yes**	[X] **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 11.28.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # 716015

- **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 WERE NOT ON ICE WHEN RECEIVED

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

Rose Fasheh

From: Keith Thompson [ktpinnacle@cox.net]
Sent: Monday, April 10, 2017 10:29 AM
To: Rose Fasheh
Subject: Re: Additional STLC/TCLP for Grover Cleveland High School (T163015 and T163016)

Got it.

I passed it on to Brian at Belshire.

KT

On Apr 10, 2017, at 8:54 AM, Rose Fasheh wrote:

Good morning Keith,

We had an issue with the tumbler this weekend so your samples did not tumble. Unfortunately, this means I will not have the results for the TCLP samples until tomorrow and the STLC sample until Wednesday. I am sorry for the inconvenience this may cause. Let me know if you have any questions.

Thank you,

Rose Fasheh
Project Manager
<image001.jpg>
_____
25712 Commercentre Dr., Lake Forest, CA 92630
Office: (949) 297-5020 | Fax: (949) 297-5027
CA ELAP Certification: 2250 | CA Small Business Certification: 31511
_____

From: Keith Thompson [mailto:ktpinnacle@cox.net]
Sent: Friday, April 07, 2017 4:00 PM
To: Rose Fasheh
Subject: Re: Additional STLC/TCLP for Grover Cleveland High School (T163015 and T163016)

Thx rose

Sent from my iPhone

On Apr 7, 2017, at 1:39 PM, Rose Fasheh <Rose@sunstarlabs.com> wrote:

> Hello Keith,
>
> As per our phone conversation, I have added in:
> - STLC Pb analysis for sample B7-0.5 (T163015-19) [initial 6010 Pb reading of 88mg/kg]
> - TCLP Pb analysis for samples B37-0.5 (T163016-29) [initial 6010 Pb reading of 190mg/kg]
> - TCLP Pb analysis for samples B54-0.5 (T163016-80) [initial 6010 Pb reading of 150mg/kg]

Work orders attached for reference. I will have the results to you before COB Monday 4/10. Let me know if you have any questions.

Thank you,

Rose Fasheh
Project Manager
<image001.jpg>

25712 Commercentre Dr., Lake Forest, CA 92630
Office: (949) 297-5020 | Fax: (949) 297-5027
CA ELAP Certification: 2250 | CA Small Business Certification: 31511

From: Rose Fasheh [mailto:Rose@sunstarlabs.com]
Sent: Wednesday, November 30, 2016 5:05 PM
To: 'ktpinnacle@cox.net'
Cc: 'accounting@sunstarlabs.com'; 'mike@sunstarlabs.com'
Subject: Final Reports and Invoices for Grover Cleveland High School (T163015 and T163016)

Hello Keith,

Please see the attached final reports and invoices for the following:

Project: Grover Cleveland High School
Project Number: n/a

I noticed several samples with significant hits for lead. Let me know if you need any additional testing.

The last of set of samples will be sent out shortly.

Thank you for choosing SunStar Labs.

Rose Fasheh- Project Manager
SunStar Laboratories, Inc.
25712 Commercentre Drive, Lake Forest, CA, 92630
Office: (949) 297-5020 Fax: (949) 297-5027
Email: Rose@sunstarlabs.com

<T163015_WKO_03.pdf>
<T163016_WKO_03.pdf>

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL Project Manager: ☐ MALVEY ☒ THOMPSON

Address: 8140 VANALDEN AVE. Sampled By: ☐ MALVEY ☒ THOMPSON

RESEDA, CA T1630116 Laboratory: SUNSTAR

NORM / RUSH

EDF - YES / NO

Page 5 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ EPA 8260SIM
B28-0.5	01	815	11/21	Soil	J						X	X OCP only		X
B28-1.5	02	825	11/21											
B28-2.5	03	840	11/21								X	X OCP only		X
B29-0.5	04	855	11/21											
B29-1.5	05	905	11/21											
B29-2.5	06	920	11/21											
B27-2.5	07	805	11/22								X	X OCP only		X
B30-0.5	08	930	11/21											
B30-1.5	09	935	11/21											
B30-2.5	10	950	11/21								X	X OCP only		X
B31-0.5	11	1000	11/21											
B31-1.5	12	1010	11/21											
B31-2.5	13	1020	11/21								X	X OCP only		X
B32-0.5	14	1030	11/21											
B32-1.5	15	1040	11/21											
B32-2.5	16	1050	11/21								X	X OCP only		X
B33-0.5	17	1105	11/21											
B33-1.5	18	1110	11/21											
B33-2.5	19	1120	11/21								X	X		X
B34-0.5	20	1000	11/22											

Relinquished By:	Date/Time: 11/23	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES

2 Santa Maria
Foothill Ranch, CA 92610

TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VANALDEN AVE. RESEDA, CA T163016
Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM / (RUSH)
EDF - YES (NO)
Page 6 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC EPA 8270C~~ Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	1,4-Dioxane ~~EPA 8260SIM~~ arsenic
B34-1.5	21	1010	11/22	Soil	J									
B34-2.5	22	1020	11/22	↓	↓									
B35-0.5	23	1510	11/21								x	x OCP only		x
B35-1.5	24	1520	11/21											
B35-2.5	25	1530	11/21											
B36-0.5	26	1310	11/22								x	x OCP only		x
B36-1.5	27	1515	11/22											
B36-2.5	28	1525	11/22											
B37-0.5	29	1335	11/21								x	x OCP only		x
B37-1.5	30	1345	11/21											
B37-2.5	31	1400	11/21											
B38-0.5	32	1305	11/21								x	x OCP only		x
B38-1.5	33	1310	11/21											
B38-2.5	34	1320	11/21											
B39-0.5	35	1410	11/22								x	OCP only on composite B39+B40-0.5 0.5		x
B39-1.5	36	1420	11/22											
B39-2.5	37	1430	11/22											
B40-0.5	38	1110	11/22								x			x
B40-1.5	39	1120	11/22											
B40-2.5	40	1130	11/22	↓	↓									

Relinquished By: [signature]	Date/Time: 11/23/16	Received By: [signature]	Date/Time: 11/23/16 8:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 5140 VANALDEN AVE
RESEDA CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 7 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ EPA 8270C Lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4-Dioxane~~ ~~EPA 8260SIM~~ arsenic
B41-0.5	41	1040	11/22	SOIL	J							X PCBs		
B41-1.5	42	1045	11/22									only		
B41-2.5	43	1055	11/22											
B42-0.5	44	1205	11/22									X PCBs		
B42-1.5	45	1215	11/22									only		
B42-2.5	46	1225	11/22											
B43-0.5	47	805	11/21								X			X
B43-1.5	48	810	11/21									OCPs on		
B43-2.5	49	820	11/21									composite		
B44-0.5	50	830	11/21								X	B43,44,45-		X
B44-1.5	51	835	11/21									0.5		
B44-2.5	52	845	11/21											
B45-0.5	53	855	11/21								X			X
B45-1.5	54	905	11/21											
B45-2.5	55	915	11/21											
B46-0.5	56	810	11/21								X	OCPs on		X
B46-1.5	57	815	11/21									composite		
B46-2.5	58	830	11/21									B46,47-		
B47-0.5	59	840	11/21	V	V						X	0.5		X
B47-1.5	60	845	11/21											

Relinquished By:	Date/Time: 11/23/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: GROVER CLEVELAND HIGH SCHOOL
Address: 8140 VAN ALDEN AVE
RESEDA, CA
T1630116

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SUNSTAR

NORM (RUSH)
EDF - YES (NO)
Page 8 of 12

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	~~SVOC~~ ~~EPA 8270C~~ lead	Pesticides PCB's EPA 8081/8082	Title 22 Metals	~~1,4 Dioxane~~ ~~EPA 8260SIM~~ arsenic
B47-2.5	61	855	11/21	SOIL	J									
B48-0.5	62	655	11/22								X	X OCPs only		X
B48-1.5	63	705	11/22									~~Composite~~		
B48-2.5	64	715	11/22									~~B48,49-~~		
B49-0.5	65	725	11/22								X	X ~~OCPs~~ OCPs only		X
B49-1.5	66	735	11/22											
B49-2.5	67	745	11/22											
B50-0.5	68	1450	11/22								X	X OCPs only		X
B50-1.5	69	1455	11/22											
B50-2.5	70	1505	11/22											
B51-0.5	71	1110	11/22								X	X OCPs only		X
B51-1.5	72	1120	11/22											
B51-2.5	73	1130	11/22											
B52-0.5	74	930	11/22								X	X OCPs only		X
B52-1.5	75	940	11/22											
B52-2.5	76	950	11/22											
B53-0.5	77	800	11/22								X	X OCPs only		X
B53-1.5	78	805	11/22											
B53-2.5	79	815	11/22											
B54-0.5	80	1250	11/22								X	X OCPs only		X

Relinquished By:	Date/Time: 11/24/16	Received By:	Date/Time: 11/23/16 08:07	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T163016

Client Name: PINNACLE Project: GROVER CLEVELAND H.S.

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: BRIAN Date/Time Lab Received: 11-23-16 8:07

Total number of coolers received:

Temperature: Cooler #1 13.5	°C +/- the CF (- 0.2°C)	= 13.3	°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?		☐ **Yes** ☐ **No**
If NO:			
Samples received on ice?	☐ Yes		☐ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable		☐ **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: BC 11-23-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # _____

- **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: TWO SAMPLE JARS ARE MISSING #60 B47-1.5, #61 B47-2.5

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Building K (MPR and Lunch Pavilion)	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B1	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead		4	B2-B5	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	4 4 4
Utility Building	Removal	Historical Agriculture Historical Pesticides	Targeted Perimeter	1	B6	Arsenic - EPA Method 6010/6020	0.5', 1.5', 2.5'	1
		Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat Storage		1	B7	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5'	1 1 1 1
		Historical Agriculture Historical Pesticides Asbestos and Lead		2	B8, B9	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Building L	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B10, B11	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Interceptor	Removal	Vessel/line releases	Targeted to potential release points	2	SV1, SV2 (soil vapor)	TPH (Full-Scan) - EPA Method 8015m VOCs - EPA Method 8260B Title 22 Metals	5', 10', 15' 5', 10', 15' 5', 10', 15'	2 2 2
North Parking Lot	Removal, New Road	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage	2	B12, B13	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings A-810 to A-815, AA-1001, AA-1654, AA-1999, AA-962, AA-964	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	16	B14-B29	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	16 16 16
Buildings C, H, J and P, Building AA-2366	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	9	B30-B38	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	9 9 9
Access Road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B39, B40	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Transformers, Buildings C and P	Removal	Potential PCBs in transformers	Targeted	2	B41, B42	PCBs - EPA Method 8082	0.5', 1.5', 2.5'	2
Tree wells south of Building J	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B43-B45	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Planters west of Chem Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B46, B47	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Chemistry Lab	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	2	B48, B49	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 2
Buildings AA-2199 and 2200, AA-3882 through AA-3887	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Areal Coverage of Similar Structures	8	B50-B57	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	8 8 8
Drain at storage locker	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead Hazmat storage	Targeted to potential release point	1	B58	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A TPH (Full-Scan) - EPA Method 8015m	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	1 1 1 1
Three lawn areas along access road	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B59-B61	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Access Road west of lawn areas	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	3	B62-B64	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B65, B66	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B67, B68	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1

PEA EQUIVALENT SAMPLING TABLE

Grover Cleveland Charter High School
8410 Vanalden Avenue
Reseda, CA 91335

Building or Area	Proposed Work	Concerns	Sampling Rationale	Number of Boring Locations	Boring Numbers	Analytical Methods	Sample Depths	Initial Analyses
Buildings AA-2730 and A-751	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B69-B71	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
Future road along east fence line	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Composite to one sample for OCPs only	2	B72, B73	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	2 2 1
Buildings AA-3888 and AA-3889	Removal	Historical Agriculture Historical Pesticides Asbestos and Lead	Targeted Perimeter	3	B74-B76	Lead - EPA Method 6010/6020 Arsenic - EPA Method 6010/6020 OCPs - EPA Method 8081A	0.5', 1.5', 2.5' 0.5', 1.5', 2.5' 0.5', 1.5', 2.5'	3 3 3
			Total Number of Borings	78				
			Locations Requiring Coring	63				

Rose Fasheh

From: Keith Thompson [ktpinnacle@cox.net]
Sent: Monday, April 10, 2017 10:29 AM
To: Rose Fasheh
Subject: Re: Additional STLC/TCLP for Grover Cleveland High School (T163015 and T163016)

Got it.

I passed it on to Brian at Belshire.

KT

On Apr 10, 2017, at 8:54 AM, Rose Fasheh wrote:

Good morning Keith,

We had an issue with the tumbler this weekend so your samples did not tumble. Unfortunately, this means I will not have the results for the TCLP samples until tomorrow and the STLC sample until Wednesday. I am sorry for the inconvenience this may cause. Let me know if you have any questions.

Thank you,

Rose Fasheh
Project Manager
<image001.jpg>
_____
25712 Commercentre Dr., Lake Forest, CA 92630
Office: (949) 297-5020 | Fax: (949) 297-5027
CA ELAP Certification: 2250 | CA Small Business Certification: 31511
_____

From: Keith Thompson [mailto:ktpinnacle@cox.net]
Sent: Friday, April 07, 2017 4:00 PM
To: Rose Fasheh
Subject: Re: Additional STLC/TCLP for Grover Cleveland High School (T163015 and T163016)

Thx rose

Sent from my iPhone

On Apr 7, 2017, at 1:39 PM, Rose Fasheh <Rose@sunstarlabs.com> wrote:

> Hello Keith,
>
> As per our phone conversation, I have added in:
> - STLC Pb analysis for sample B7-0.5 (T163015-19) [initial 6010 Pb reading of 88mg/kg]
> - TCLP Pb analysis for samples B37-0.5 (T163016-29) [initial 6010 Pb reading of 190mg/kg]
> - TCLP Pb analysis for samples B54-0.5 (T163016-80) [initial 6010 Pb reading of 150mg/kg]

Work orders attached for reference. I will have the results to you before COB Monday 4/10. Let me know if you have any questions.

Thank you,

Rose Fasheh
Project Manager
<image001.jpg>

25712 Commercentre Dr., Lake Forest, CA 92630
Office: (949) 297-5020 | Fax: (949) 297-5027
CA ELAP Certification: 2250 | CA Small Business Certification: 31511

From: Rose Fasheh [mailto:Rose@sunstarlabs.com]
Sent: Wednesday, November 30, 2016 5:05 PM
To: 'ktpinnacle@cox.net'
Cc: 'accounting@sunstarlabs.com'; 'mike@sunstarlabs.com'
Subject: Final Reports and Invoices for Grover Cleveland High School (T163015 and T163016)

Hello Keith,

Please see the attached final reports and invoices for the following:

Project: Grover Cleveland High School
Project Number: n/a

I noticed several samples with significant hits for lead. Let me know if you need any additional testing.

The last of set of samples will be sent out shortly.

Thank you for choosing SunStar Labs.

Rose Fasheh- Project Manager
SunStar Laboratories, Inc.
25712 Commercentre Drive, Lake Forest, CA, 92630
Office: (949) 297-5020 Fax: (949) 297-5027
Email: Rose@sunstarlabs.com

<T163015_WKO_03.pdf>
<T163016_WKO_03.pdf>

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 11:35	
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				**STLC As added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
STLC Pb	12/07/16 15:00	3	05/21/17 16:10	Arsenic ONLY
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	12/07/16 15:00	3	05/21/17 16:20	As ONLY
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Grover Cleveland High School**	**Project Number:**	**[none]**

Analysis	Due	TAT	Expires	Comments
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				**STLC Pb added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
STLC Pb	12/07/16 15:00	3	05/20/17 13:35	
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/05/16 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 13:45	
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Sunny Lounethone	Date Logged In:	11/23/16 09:16

Samples Received at: **13.6°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163015-01 B1-0.5 [Soil] Sampled 11/22/16 15:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:00	As only
T163015-02 B1-1.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-03 B1-2.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-04 B2-0.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:00	
T163015-05 B2-1.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-06 B2-2.5 [Soil] Sampled 11/21/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-07 B3-0.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:30	
T163015-08 B3-1.5 [Soil] Sampled 11/21/16 14:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-09 B3-2.5 [Soil] Sampled 11/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-10 B4-0.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:10	
T163015-11 B4-1.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-12 B4-2.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-13 B5-0.5 [Soil] Sampled 11/21/16 10:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:45	
8082 PCB	11/30/16 15:00	3	12/05/16 10:45	
T163015-14 B5-1.5 [Soil] Sampled 11/21/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-15 B5-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-16 B6-0.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:05	As only

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-17 B6-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-18 B6-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-19 B7-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				**STLC Pb added per client request (Keith 4/6)**
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8015 Carbon Chain	11/30/16 15:00	3	12/05/16 11:25	
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
STLC Pb	04/10/17 15:00	1	05/20/17 11:25	
STLC Leaching Procedure Metals	04/10/17 15:00	1	12/05/16 11:25	
T163015-20 B7-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 11:35	
T163015-21 B7-2.5 [Soil] Sampled 11/21/16 11:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-22 B8-0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163015-23 B8-1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-24 B8-2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-25 B9-0.5 [Soil] Sampled 11/22/16 15:35 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:35	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-26 B9-1.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-27 B9-2.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-28 B10-0.5 [Soil] Sampled 11/22/16 16:10 (GMT-08:00) Pacific Time (US &				**STLC As added per client request (Keith, 12/2)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 16:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 16:10	
STLC Pb	12/07/16 15:00	3	05/21/17 16:10	Arsenic ONLY
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/06/16 16:10	
T163015-29 B10-1.5 [Soil] Sampled 11/22/16 16:20 (GMT-08:00) Pacific Time (US &				**6010 As added per client request (Keith, 12/2)**
6010 Individual Metals	12/07/16 15:00	3	05/21/17 16:20	As ONLY
T163015-30 B10-2.5 [Soil] Sampled 11/22/16 16:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-31 B11-0.5 [Soil] Sampled 11/22/16 15:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:40	
T163015-32 B11-1.5 [Soil] Sampled 11/22/16 15:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-33 B11-2.5 [Soil] Sampled 11/22/16 16:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-34 B12-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-35 B12-1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-36 B12-2.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-37 B13-0.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:50	
8082 PCB	11/30/16 15:00	3	12/05/16 08:50	
T163015-38 B13-1.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-39 B13-2.5 [Soil] Sampled 11/21/16 09:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-40 B14-0.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:25	
T163015-41 B14-1.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-42 B14-2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-43 B15-0.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:05	
T163015-44 B15-1.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-45 B15-2.5 [Soil] Sampled 11/21/16 10:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-46 B16-0.5 [Soil] Sampled 11/22/16 14:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:05	
T163015-47 B16-1.5 [Soil] Sampled 11/22/16 14:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-48 B16-2.5 [Soil] Sampled 11/22/16 14:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-49 B17-0.5 [Soil] Sampled 11/21/16 09:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:55	
T163015-50 B17-1.5 [Soil] Sampled 11/21/16 10:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-51 B17-2.5 [Soil] Sampled 11/21/16 10:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-52 B18-0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:40	
T163015-53 B18-1.5 [Soil] Sampled 11/21/16 08:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-54 B18-2.5 [Soil] Sampled 11/21/16 09:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-55 B19-0.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:15	
T163015-56 B19-1.5 [Soil] Sampled 11/21/16 09:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-57 B19-2.5 [Soil] Sampled 11/21/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-58 B20-0.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:10	
T163015-59 B20-1.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-60 B20-2.5 [Soil] Sampled 11/21/16 13:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-61 B21-0.5 [Soil] Sampled 11/21/16 13:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:40	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:40	
T163015-62 B21-1.5 [Soil] Sampled 11/21/16 13:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-63 B21-2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-64 B22-0.5 [Soil] Sampled 11/21/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:50	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-65 B22-1.5 [Soil] Sampled 11/21/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-66 B22-2.5 [Soil] Sampled 11/21/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-67 B23-0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163015-68 B23-1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-69 B23-2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-70 B24-0.5 [Soil] Sampled 11/21/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 14:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 14:10	
T163015-71 B24-1.5 [Soil] Sampled 11/21/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-72 B24-2.5 [Soil] Sampled 11/21/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-73 B25-0.5 [Soil] Sampled 11/21/16 11:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:00	
T163015-74 B25-1.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163015

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163015-75 B25-2.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-76 B26-0.5 [Soil] Sampled 11/21/16 11:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:25	
T163015-77 B26-1.5 [Soil] Sampled 11/21/16 11:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-78 B26-2.5 [Soil] Sampled 11/21/16 11:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163015-79 B27-0.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:45	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:45	
T163015-80 B27-1.5 [Soil] Sampled 11/22/16 07:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	11/30/16 17:00 (3 day TAT)		
Received By:	Brian Charon	Date Received:	11/23/16 08:07
Logged In By:	Brian Charon	Date Logged In:	11/23/16 09:17

Samples Received at: **13.3°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T163016-01 B28-0.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:15	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:15	
T163016-02 B28- 1.5 [Soil] Sampled 11/21/16 08:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-03 B28- 2.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-04 B29- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 08:55	
T163016-05 B29- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-06 B29- 2.5 [Soil] Sampled 11/21/16 09:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-07 B27- 2.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-08 B30- 0.5 [Soil] Sampled 11/21/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 09:30	
T163016-09 B30- 1.5 [Soil] Sampled 11/21/16 09:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-10 B30- 2.5 [Soil] Sampled 11/21/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-11 B31- 0.5 [Soil] Sampled 11/21/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:00	
T163016-12 B31- 1.5 [Soil] Sampled 11/21/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-13 B31- 2.5 [Soil] Sampled 11/21/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-14 B32- 0.5 [Soil] Sampled 11/21/16 10:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 10:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 10:30	
T163016-15 B32- 1.5 [Soil] Sampled 11/21/16 10:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-16 B32- 2.5 [Soil] Sampled 11/21/16 10:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-17 B33- 0.5 [Soil] Sampled 11/21/16 11:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 11:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 11:05	
T163016-18 B33- 1.5 [Soil] Sampled 11/21/16 11:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-19 B33- 2.5 [Soil] Sampled 11/21/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-20 B34- 0.5 [Soil] Sampled 11/22/16 10:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 10:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 10:00	
8082 PCB	11/30/16 15:00	3	12/06/16 10:00	
T163016-21 B34- 1.5 [Soil] Sampled 11/22/16 10:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-22 B34- 2.5 [Soil] Sampled 11/22/16 10:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-23 B35- 0.5 [Soil] Sampled 11/21/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 15:10	
T163016-24 B35- 1.5 [Soil] Sampled 11/21/16 15:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-25 B35- 2.5 [Soil] Sampled 11/21/16 15:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-26 B36- 0.5 [Soil] Sampled 11/22/16 15:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 15:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 15:10	
T163016-27 B36- 1.5 [Soil] Sampled 11/22/16 15:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-28 B36- 2.5 [Soil] Sampled 11/22/16 15:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-29 B37- 0.5 [Soil] Sampled 11/21/16 13:35 (GMT-08:00) Pacific Time (US &				**STLC Pb added per client request (Keith, 12/2), TCLP Pb added per client request (Keith 4/6)**
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:35	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:35	
STLC Pb	12/07/16 15:00	3	05/20/17 13:35	
STLC Leaching Procedure Metals	12/07/16 15:00	3	12/05/16 13:35	
TCLP Leaching Procedure Metals	04/10/17 15:00	1	12/05/16 13:35	
TCLP Pb	04/10/17 15:00	1	05/20/17 13:35	
T163016-30 B37- 1.5 [Soil] Sampled 11/21/16 13:45 (GMT-08:00) Pacific Time (US &				**6010 Pb added per client request (Keith, 12/2)**
6010 Pb	12/07/16 15:00	3	05/20/17 13:45	
T163016-31 B37- 2.5 [Soil] Sampled 11/21/16 14:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-32 B38- 0.5 [Soil] Sampled 11/21/16 13:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 13:05	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/05/16 13:05	
T163016-33 B38- 1.5 [Soil] Sampled 11/21/16 13:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-34 B38- 2.5 [Soil] Sampled 11/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-35 B39- 0.5 [Soil] Sampled 11/22/16 14:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:10	As, Pb only
T163016-36 B39- 1.5 [Soil] Sampled 11/22/16 14:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-37 B39- 2.5 [Soil] Sampled 11/22/16 14:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-38 B40- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
T163016-39 B40- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-40 B40- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-41 B41- 0.5 [Soil] Sampled 11/22/16 10:40 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 10:40	
T163016-42 B41- 1.5 [Soil] Sampled 11/22/16 10:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-43 B41- 2.5 [Soil] Sampled 11/22/16 10:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-44 B42- 0.5 [Soil] Sampled 11/22/16 12:05 (GMT-08:00) Pacific Time (US &				
8082 PCB	11/30/16 15:00	3	12/06/16 12:05	
T163016-45 B42- 1.5 [Soil] Sampled 11/22/16 12:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-46 B42- 2.5 [Soil] Sampled 11/22/16 12:25 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-47 B43- 0.5 [Soil] Sampled 11/21/16 08:05 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:05	As, Pb only
T163016-48 B43- 1.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-49 B43- 2.5 [Soil] Sampled 11/21/16 08:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-50 B44- 0.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:30	As, Pb only
T163016-51 B44- 1.5 [Soil] Sampled 11/21/16 08:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-52 B44- 2.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-53 B45- 0.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:55	As, Pb only
T163016-54 B45- 1.5 [Soil] Sampled 11/21/16 09:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-55 B45- 2.5 [Soil] Sampled 11/21/16 09:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-56 B46- 0.5 [Soil] Sampled 11/21/16 08:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:10	As, Pb only

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-57 B46- 1.5 [Soil] Sampled 11/21/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-58 B46- 2.5 [Soil] Sampled 11/21/16 08:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-59 B47- 0.5 [Soil] Sampled 11/21/16 08:40 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/20/17 08:40	As, Pb only
T163016-60 B47- 1.5 [Soil] Sampled 11/21/16 08:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-61 B47- 2.5 [Soil] Sampled 11/21/16 08:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-62 B48- 0.5 [Soil] Sampled 11/22/16 08:55 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:55	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:55	
T163016-63 B48- 1.5 [Soil] Sampled 11/22/16 07:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-64 B48- 2.5 [Soil] Sampled 11/22/16 07:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-65 B49- 0.5 [Soil] Sampled 11/22/16 07:25 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 07:25	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 07:25	
T163016-66 B49- 1.5 [Soil] Sampled 11/22/16 07:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-67 B49- 2.5 [Soil] Sampled 11/22/16 07:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-68 B50- 0.5 [Soil] Sampled 11/22/16 14:50 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 14:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 14:50	
T163016-69 B50- 1.5 [Soil] Sampled 11/22/16 14:55 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-70 B50- 2.5 [Soil] Sampled 11/22/16 15:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-71 B51- 0.5 [Soil] Sampled 11/22/16 11:10 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 11:10	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 11:10	
T163016-72 B51- 1.5 [Soil] Sampled 11/22/16 11:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-73 B51- 2.5 [Soil] Sampled 11/22/16 11:30 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-74 B52- 0.5 [Soil] Sampled 11/22/16 09:30 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 09:30	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 09:30	
T163016-75 B52- 1.5 [Soil] Sampled 11/22/16 09:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-76 B52- 2.5 [Soil] Sampled 11/22/16 09:50 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163016

Client: Pinnacle Environmental Technologies
Project: Grover Cleveland High School
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163016-77 B53- 0.5 [Soil] Sampled 11/22/16 08:00 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	11/30/16 15:00	3	05/21/17 08:00	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 08:00	
T163016-78 B53- 1.5 [Soil] Sampled 11/22/16 08:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-79 B53- 2.5 [Soil] Sampled 11/22/16 08:15 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163016-80 B54- 0.5 [Soil] Sampled 11/22/16 12:50 (GMT-08:00) Pacific Time (US &				**TCLP Pb added per client request (Keith 4/6)**
6010 Individual Metals	11/30/16 15:00	3	05/21/17 12:50	As, Pb only
8081 Pesticides	11/30/16 15:00	3	12/06/16 12:50	
TCLP Leaching Procedure Metals	04/10/17 15:00	1	12/06/16 12:50	
TCLP Pb	04/10/17 15:00	1	05/21/17 12:50	
T163016-81 Composite B39,B40- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-82 Composite B43,B44, B45- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**3:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	
T163016-83 Composite B46,B47- 0.5 [Soil] Sampled 11/22/16 00:00 (GMT-08:00) Pacific Time (US &				**2:1 Comp**
8081 Pesticides	11/30/16 15:00	3	12/06/16 00:00	

Reviewed By

Date

APPENDIX C

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION FOR STAGE 2 SOIL SAMPLES

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

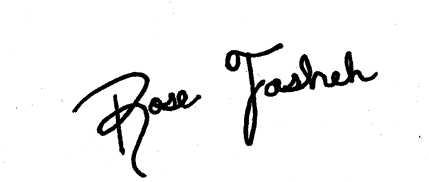
03 January 2017

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Cleveland HS

Enclosed are the results of analyses for samples received by the laboratory on 12/28/16 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B85-0.5	T163334-01	Soil	12/28/16 13:23	12/28/16 16:30
B77-0.5	T163334-04	Soil	12/28/16 07:55	12/28/16 16:30
B78-0.5	T163334-07	Soil	12/28/16 08:30	12/28/16 16:30
B79-0.5	T163334-10	Soil	12/28/16 10:25	12/28/16 16:30
B80-0.5	T163334-13	Soil	12/28/16 10:42	12/28/16 16:30
B81-0.5	T163334-16	Soil	12/28/16 12:16	12/28/16 16:30
B82-0.5	T163334-19	Soil	12/28/16 12:35	12/28/16 16:30
B83-0.5	T163334-22	Soil	12/28/16 09:15	12/28/16 16:30
B84-0.5	T163334-25	Soil	12/28/16 09:45	12/28/16 16:30

SunStar Laboratories, Inc.

Rose Fasheh

Rose Fasheh, Project Manager

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.

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

DETECTIONS SUMMARY

Sample ID: B85-0.5 **Laboratory ID:** T163334-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**5.1**	5.0	mg/kg	EPA 6010B	

Sample ID: B77-0.5 **Laboratory ID:** T163334-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**12**	2.5	mg/kg	EPA 6010B	

Sample ID: B78-0.5 **Laboratory ID:** T163334-07

No Results Detected

Sample ID: B79-0.5 **Laboratory ID:** T163334-10

No Results Detected

Sample ID: B80-0.5 **Laboratory ID:** T163334-13

No Results Detected

Sample ID: B81-0.5 **Laboratory ID:** T163334-16

No Results Detected

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

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949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

Sample ID: B82-0.5 **Laboratory ID:** T163334-19

No Results Detected

Sample ID: B83-0.5 **Laboratory ID:** T163334-22

No Results Detected

Sample ID: B84-0.5 **Laboratory ID:** T163334-25

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**7.2**	4.2	mg/kg	EPA 6010B	

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B85-0.5

T163334-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	**5.1**	5.0	mg/kg	1	6122916	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

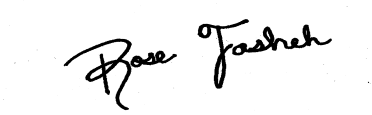
Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B77-0.5

T163334-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	**12**	2.5	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

SunStar Laboratories, Inc.



Rose Fasheh, Project Manager

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B78-0.5

T163334-07 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	2.7	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B79-0.5

T163334-10 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	2.7	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B80-0.5

T163334-13 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	2.5	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

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949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B81-0.5

T163334-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Lead	ND	2.7	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B82-0.5

T163334-19 (Soil)

SunStar Laboratories, Inc.

Metals by EPA 6010B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	ND	2.5	mg/kg	1	6122914	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B83-0.5

T163334-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	4.5	mg/kg	1	6122916	12/29/16	12/30/16	EPA 6010B	

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

B84-0.5

T163334-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Metals by EPA 6010B									
Arsenic	**7.2**	4.2	mg/kg	1	6122916	12/29/16	12/30/16	EPA 6010B	

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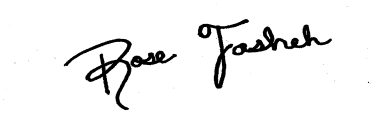

Rose Fasheh, Project Manager

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949.297.5020 Phone
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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122914 - EPA 3051										
Blank (6122914-BLK1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Lead	ND	3.0	mg/kg							
LCS (6122914-BS1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Lead	90.5	3.0	mg/kg	100		90.5	75-125			
Matrix Spike (6122914-MS1)	**Source: T163334-04**			Prepared: 12/29/16 Analyzed: 12/30/16						
Lead	91.9	3.0	mg/kg	100	12.5	79.5	75-125			
Matrix Spike Dup (6122914-MSD1)	**Source: T163334-04**			Prepared: 12/29/16 Analyzed: 12/30/16						
Lead	97.8	3.0	mg/kg	100	12.5	85.3	75-125	6.14	20	
Batch 6122916 - EPA 3051										
Blank (6122916-BLK1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Arsenic	ND	5.0	mg/kg							
Copper	ND	1.0	"							
LCS (6122916-BS1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Arsenic	100	5.0	mg/kg	100		100	75-125			
Copper	104	1.0	"	100		104	75-125			
Matrix Spike (6122916-MS1)	**Source: T163339-01**			Prepared: 12/29/16 Analyzed: 12/30/16						
Arsenic	87.8	4.5	mg/kg	90.9	3.31	93.0	75-125			
Copper	125	0.91	"	90.9	32.4	102	0-200			
Matrix Spike Dup (6122916-MSD1)	**Source: T163339-01**			Prepared: 12/29/16 Analyzed: 12/30/16						
Arsenic	86.4	5.0	mg/kg	100	3.31	83.0	75-125	1.69	20	
Copper	125	1.0	"	100	32.4	92.4	0-200	0.382	200	

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Rose Fasheh, Project Manager

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	01/03/17 14:43

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager

CHAIN OF CUSTODY RECORD

3-DAY

Site: CLEVELAND HS
Address: 8140 VANALDEN
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SunStar

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES / (NO)
Page 1 of 1

	PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	As 6010	Pb 6010
1	B85-0.5		1323	12/28/16	SOIL	J									X	
2	B85-1.5		1328													
3	B85-2.5		1335													
4	B77-0.5		755													X
5	B77-1.5		800													
6	B77-2.5		810													
7	B78-0.5		830													X
8	B78-1.5		840													
9	B78-2.5		845													
10	B79-0.5		1025													X
11	B79-1.5		1028													
12	B79-2.5		1030													
13	B80-0.5		1042													X
14	B80-1.5		1047													
15	B80-2.5		1051													
16	B81-0.5		1216													X
17	B81-1.5		1220													
18	B81-2.5		1225													
19	B82-0.5		1235													X
20	B82-1.5		1239													

Relinquished By:	Date/Time: 12/28/16	Received By:	Date/Time: 12-28-16 1630
Relinquished By:	Date/Time:	Received By:	Date/Time:

NOTES: 19.5

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

CHAIN OF CUSTODY RECORD

3-DAY

Site: CLEVELAND HS
Address: 8140 VANALDEN
RESEDA, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SunStar

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES (NO)
Page 2 of 2

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	As 6010	Pb 6010
B82-2.5		1240	12/28/16	Soil	J										
B83-0.5		915	↓	↓	↓									X	
B83-1.5		920													
B83-2.5		930													
B84-0.5		945												X	
B84-1.5		1000													
B84-2.5		1005													

Relinquished By:	Date/Time: 12/28/16	Received By:	Date/Time: 12-28-16 1630	NOTES: 19.5°
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T163334

Client Name: Pinnacle Project: Cleveland 45

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: Date/Time Courier Received:

Lab Received by: Dan M Date/Time Lab Received: 12-28-16 1630

Total number of coolers received: 0

Temperature:	Cooler #1 19.7	°C +/- the CF (- 0.2°C) =	19.5	°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?	☐ **Yes** ☒ **No**
If NO:		
Samples received on ice?	☐ Yes	☒ **No → Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **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 12-28-16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # T163334

- **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 were not received on ice.

Sample fractioning only if broken container compromises other samples or if out of temp reading impacts more than one cooler

Fraction													Preser.
VOA													

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163334

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**
Project: **Cleveland HS** **Project Number:** **[none]**

Report To:
Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due: 01/04/17 17:00 (3 day TAT)
Received By: Dan Marteski Date Received: 12/28/16 16:30
Logged In By: Dan Marteski Date Logged In: 12/28/16 17:03

Samples Received at: **19.5°C**
Custody Seals No Received On Ice No
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirı No

Analysis	Due	TAT	Expires	Comments
T163334-01 B85-0.5 [Soil] Sampled 12/28/16 13:23 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	01/04/17 15:00	3	06/26/17 13:23	As Only
T163334-02 B85-1.5 [Soil] Sampled 12/28/16 13:28 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-03 B85-2.5 [Soil] Sampled 12/28/16 13:35 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-04 B77-0.5 [Soil] Sampled 12/28/16 07:55 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 07:55	
T163334-05 B77-1.5 [Soil] Sampled 12/28/16 08:00 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-06 B77-2.5 [Soil] Sampled 12/28/16 08:10 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-07 B78-0.5 [Soil] Sampled 12/28/16 08:30 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 08:30	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163334

Client: Pinnacle Environmental Technologies
Project: Cleveland HS
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163334-08 B78-1.5 [Soil] Sampled 12/28/16 08:40 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-09 B78-2.5 [Soil] Sampled 12/28/16 08:45 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-10 B79-0.5 [Soil] Sampled 12/28/16 10:25 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 10:25	
T163334-11 B79-1.5 [Soil] Sampled 12/28/16 10:28 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-12 B79-2.5 [Soil] Sampled 12/28/16 10:30 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-13 B80-0.5 [Soil] Sampled 12/28/16 10:42 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 10:42	
T163334-14 B80-1.5 [Soil] Sampled 12/28/16 10:47 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-15 B80-2.5 [Soil] Sampled 12/28/16 10:51 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-16 B81-0.5 [Soil] Sampled 12/28/16 12:16 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 12:16	
T163334-17 B81-1.5 [Soil] Sampled 12/28/16 12:20 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-18 B81-2.5 [Soil] Sampled 12/28/16 12:25 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				

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WORK ORDER

T163334

Client: Pinnacle Environmental Technologies
Project: Cleveland HS
Project Manager: Rose Fasheh
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
T163334-19 B82-0.5 [Soil] Sampled 12/28/16 12:35 (GMT-08:00) Pacific Time (US &				
6010 Pb	01/04/17 15:00	3	06/26/17 12:35	
T163334-20 B82-1.5 [Soil] Sampled 12/28/16 12:39 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-21 B82-2.5 [Soil] Sampled 12/28/16 12:40 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-22 B83-0.5 [Soil] Sampled 12/28/16 09:15 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	01/04/17 15:00	3	06/26/17 09:15	As Only
T163334-23 B83-1.5 [Soil] Sampled 12/28/16 09:20 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-24 B83-2.5 [Soil] Sampled 12/28/16 09:30 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-25 B84-0.5 [Soil] Sampled 12/28/16 09:45 (GMT-08:00) Pacific Time (US &				
6010 Individual Metals	01/04/17 15:00	3	06/26/17 09:45	As Only
T163334-26 B84-1.5 [Soil] Sampled 12/28/16 10:00 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T163334-27 B84-2.5 [Soil] Sampled 12/28/16 10:05 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

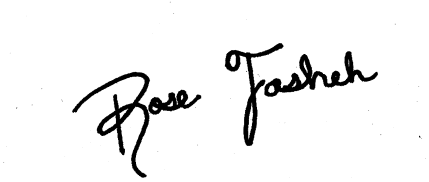
11 April 2017

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Cleveland HS

Enclosed are the results of analyses for samples received by the laboratory on 04/10/17 15:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rose Fasheh
Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PROFILE - 1	T170914-01	Soil	04/10/17 13:30	04/10/17 15:25

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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.

Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

DETECTIONS SUMMARY

Sample ID: PROFILE - 1 **Laboratory ID:** T170914-01

No Results Detected

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

PROFILE - 1

T170914-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	ug/kg	1	7041052	04/10/17	04/10/17	EPA 8260B/5035	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	

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Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

PROFILE - 1

T170914-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1-Dichloropropene	ND	5.0	ug/kg	1	7041052	04/10/17	04/10/17	EPA 8260B/5035	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	

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Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

PROFILE - 1

T170914-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	20	ug/kg	1	7041052	04/10/17	04/10/17	EPA 8260B/5035	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*157 %*	*95.7-135*		"	"	"	"	*S-GC*

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041052 - EPA 5035 GCMS										
Blank (7041052-BLK1)				Prepared & Analyzed: 04/10/17						
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							
2-Chlorotoluene	ND	5.0	"							
4-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Isopropylbenzene	ND	5.0	"							

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Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041052 - EPA 5035 GCMS										
Blank (7041052-BLK1)				Prepared & Analyzed: 04/10/17						
p-Isopropyltoluene	ND	5.0	ug/kg							
Methylene chloride	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	5.0	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
Tert-amyl methyl ether	ND	20	"							
Tert-butyl alcohol	ND	50	"							
Di-isopropyl ether	ND	20	"							
Ethyl tert-butyl ether	ND	20	"							
Methyl tert-butyl ether	ND	20	"							
Surrogate: Toluene-d8	*40.3*		*"*	*40.0*		*101*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*38.2*		*"*	*40.0*		*95.5*	*81.2-123*			
Surrogate: Dibromofluoromethane	*48.0*		*"*	*40.0*		*120*	*95.7-135*			

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Rose Fasheh, Project Manager

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Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7041052 - EPA 5035 GCMS										
LCS (7041052-BS1)				Prepared & Analyzed: 04/10/17						
Chlorobenzene	106	5.0	ug/kg	100		106	75-125			
1,1-Dichloroethene	77.2	5.0	"	100		77.2	75-125			
Trichloroethene	98.1	5.0	"	100		98.1	75-125			
Benzene	86.4	5.0	"	100		86.4	75-125			
Toluene	88.2	5.0	"	100		88.2	75-125			
Surrogate: Toluene-d8	*39.4*		*"*	*40.0*		*98.5*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*45.4*		*"*	*40.0*		*114*	*81.2-123*			
Surrogate: Dibromofluoromethane	*47.4*		*"*	*40.0*		*119*	*95.7-135*			
LCS Dup (7041052-BSD1)				Prepared & Analyzed: 04/10/17						
Chlorobenzene	108	5.0	ug/kg	100		108	75-125	2.71	20	
1,1-Dichloroethene	93.4	5.0	"	100		93.4	75-125	19.1	20	
Trichloroethene	105	5.0	"	100		105	75-125	6.65	20	
Benzene	92.8	5.0	"	100		92.8	75-125	7.15	20	
Toluene	96.8	5.0	"	100		96.8	75-125	9.30	20	
Surrogate: Toluene-d8	*39.4*		*"*	*40.0*		*98.4*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*45.8*		*"*	*40.0*		*114*	*81.2-123*			
Surrogate: Dibromofluoromethane	*43.9*		*"*	*40.0*		*110*	*95.7-135*			

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Rose Fasheh, Project Manager

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949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Cleveland HS	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	04/11/17 10:02

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).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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.

Rose Fasheh

Rose Fasheh, Project Manager

CHAIN OF CUSTODY RECORD

T170914

Site: Cleveland HS
Address: 8140 Vanalden
Reseda, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: SunStar

TAT: NORM (-24HR - 48HR
LARWQCB EDF - YES (NO)
Page 1 of 1

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T = Tube V = VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals		
PROFILE-1	01	1330	4/10/17	Soil		X			X	X					

Relinquished By: [signature] Date/Time: 4/10/17 1525 Received By: [signature] Date/Time: 4-10-17 15:25

Relinquished By: Date/Time: Received By: Date/Time:

NOTES: 4.6

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories — Celebrating 20 Years!

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T170914

Client Name: Pinnacle Env. Project: Cleveland HS

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Sunny Date/Time Lab Received: 4.10.17 / 15:25

Total number of coolers received: 0

Temperature: Cooler #1 4.8	°C +/- the CF (- 0.2°C) = 4.6	°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?	☒ **Yes**	☐ **No**
If NO:			
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **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 4.10.17

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T170914

Client:	**Pinnacle Environmental Technologies**	**Project Manager:**	**Rose Fasheh**
Project:	**Cleveland HS**	**Project Number:**	**[none]**

Report To:

Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	04/11/17 17:00 (1 day TAT)		
Received By:	Sunny Lounethone	Date Received:	04/10/17 15:25
Logged In By:	Sunny Lounethone	Date Logged In:	04/10/17 15:28

Samples Received at: **4.6°C**

Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T170914-01 PROFILE - 1 [Soil] Sampled 04/10/17 13:30 (GMT-08:00) Pacific Time (US &				
8260 5035	04/11/17 15:00	1	04/24/17 13:30	+ OXY

Reviewed By

Date

APPENDIX D

BORING LOGS

BORING LOG

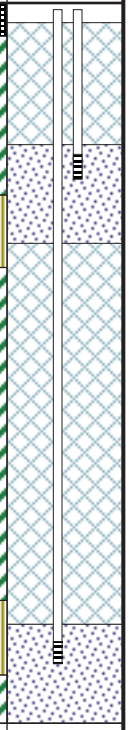
PINNACLE
ENVIRONMENTAL TECHNOLOGIES

#2 Santa Maria, Foothill Ranch, CA
Tel: (949) 470-3691 Fax: (949) 595-0459

SITE: Grover Cleveland High School
ADDRESS: 8140 Vanalden Avenue
Reseda, California
DRILLING METHOD: Geoprobe
DRILLING COMPANY: American Analytics

BORING No.: SV1
DATE: November 22, 2016
GEOLOGIST: K.Thompson, R.G.
REVIEWED: Bill Malvey
ELEVATION: 771 feet MSL (est.)

Time	Blows	PID	Depth	Sample	DESCRIPTION	Graphic Log	Boring Backfill
					Four inches of asphalt at surface, four inches of base		
915	NA	NA			Clay (CH) trace silt in interbeds, yellowish brown (10yr 5/4), damp, very stiff, highly plastic, no odors or staining.		
			5		Silty Clay - Clayey Silt (CH/ML), yellowish brown (10yr 5/4), moist, hard, highly plastic, no odors or staining.		
925							
					Clay (CH) trace silt in interbeds, yellowish brown (10yr 5/4), damp, hard, highly plastic, no odors or staining.		
935			10				
					Silty Clay - Clayey Silt (CH/ML), yellowish brown (10yr 5/4), moist, hard, highly plastic, no odors or staining.		
950							
			15		Boring terminated at 15 feet below surface grade.		
					Saturated conditions not encountered.		
					Boring completed as a nested 0.25” diameter vapor well.		
			20				
			25				
			30				



BORING LOG

PINNACLE
ENVIRONMENTAL TECHNOLOGIES

#2 Santa Maria, Foothill Ranch, CA
Tel: (949) 470-3691 Fax: (949) 595-0459

SITE: Grover Cleveland High School
ADDRESS: 8140 Vanalden Avenue
Reseda, California
DRILLING METHOD: Geoprobe
DRILLING COMPANY: American Analytics

BORING No.: SV2
DATE: November 22, 2016
GEOLOGIST: K.Thompson, R.G.
REVIEWED: Bill Malvey
ELEVATION: 771 feet MSL (est.)

Time	Blows	PID	Depth	Sample	DESCRIPTION	Graphic Log	Boring Backfill
					Four inches of asphalt at surface, four inches of base		
1130	NA	NA			Clay (CH) trace silt in interbeds, yellowish brown (10yr 5/4), damp, very stiff, highly plastic, no odors or staining.		
			5		Silty Clay - Clayey Silt (CH/ML), yellowish brown (10yr 5/4), moist, hard, highly plastic, no odors or staining.		
1140							
					Clay (CH) trace silt in interbeds, yellowish brown (10yr 5/4), damp, hard, highly plastic, no odors or staining.		
1150			10				
					Silty Clay - Clayey Silt (CH/ML), yellowish brown (10yr 5/4), moist, hard, highly plastic, no odors or staining.		
1200							
			15		Boring terminated at 15 feet below surface grade.		
					Saturated conditions not encountered.		
					Boring completed as a nested 0.25” diameter vapor well.		
			20				
			25				
			30				

UNIFIED SOIL CLASSIFICATION

ASTM D 2487

MAJOR DIVISIONS				TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN HALF IS LARGER THAN #200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN #4 SIEVE SIZE	GRAVELS WITH LITTLE OR NO FINES	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
			GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES
		GRAVELS WITH OVER 12% FINES	GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN #4 SIEVE SIZE	SANDS WITH LITTLE OR NO FINES	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
			SP	POORLY-GRADED SANDS, GRAVELLY-SAND, LITTLE OR NO FINES
		SANDS WITH OVER 12% FINES	SM	SILTY SANDS, SAND-SILT MIXTURES
			SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE-GRAINED SOILS MORE THAN HALF IS SMALLER THAN #200 SIEVE	SILTS AND CLAYS (liquid limit is less than 50)		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR VERY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (liquid limit is greater than 50)		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAY
			OH	ORGANIC CLAYS OF HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			Pt	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

LEGEND

- Sample Interval
- Soil Sample Collected
- Groundwater Encountered
- Filter Pack Sand
- Bentonite
- Concrete

USCS = Unified Soils Classification System
CGI = Combustible Gas Indicator
PID = Photoionization Detector
OVA = Organic Vapor Analyzer

DESCRIPTOR

Trace = 1% - 5%
Some = 6% - 10%
With = 11% - 25%
-ly = 26% - 40%
And = >40%

SANDS

>50 blows = very dense
30 - 50 blows = dense
10 - 30 blows = medium
0 - 10 blows = loose

CLAST SIZE (Field Classification)

Gravel = > 0.25 inches
Sand = 0.003 - 0.25 inches
Silt = < 0.003 & not plastic
Clay = < 0.003 & plastic

SILTS & CLAYS

>30 blows = hard
15 - 30 blows = very stiff
8 -15 blows = stiff
4 - 8 blows = firm
0 - 4 blows = soft

PINNACLE

APPENDIX E

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION FOR SOIL VAPOR SAMPLES

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

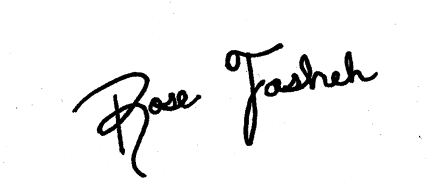
08 December 2016

Keith Thompson
Pinnacle Environmental Technologies
2 Santa Maria
Foothill Ranch, CA 92610

RE: Grover Cleveland High School

Enclosed are the results of analyses for samples received by the laboratory on 11/30/16 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rose Fasheh
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV1-3.5	T163064-01	Air	11/30/16 11:15	11/30/16 16:30
SV1-13.5	T163064-02	Air	11/30/16 11:15	11/30/16 16:30
SV2-3.5	T163064-03	Air	11/30/16 11:15	11/30/16 16:30
SV2-13.5	T163064-04	Air	11/30/16 11:15	11/30/16 16:30
SV2-13.5 DUP	T163064-05	Air	11/30/16 11:15	11/30/16 16:30

SunStar Laboratories, Inc.

Rose Fasheh

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

DETECTIONS SUMMARY

Sample ID: SV1-3.5 **Laboratory ID:** T163064-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**16**	5.5	ug/m³ Air	TO-15	
m,p-Xylene	**11**	8.8	ug/m³ Air	TO-15	

Sample ID: SV1-13.5 **Laboratory ID:** T163064-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**5.5**	5.5	ug/m³ Air	TO-15	
Benzene	**5.5**	3.3	ug/m³ Air	TO-15	

Sample ID: SV2-3.5 **Laboratory ID:** T163064-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**620**	270	ug/m³ Air	TO-15	TO-14

Sample ID: SV2-13.5 **Laboratory ID:** T163064-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**14**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**56**	5.5	ug/m³ Air	TO-15	
Benzene	**10**	3.3	ug/m³ Air	TO-15	
Toluene	**4.6**	3.8	ug/m³ Air	TO-15	
m,p-Xylene	**10**	8.8	ug/m³ Air	TO-15	

Sample ID: SV2-13.5 DUP **Laboratory ID:** T163064-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**4.7**	3.3	ug/m³ Air	TO-15	
m,p-Xylene	**10**	8.8	ug/m³ Air	TO-15	

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SunStar Laboratories, Inc.

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV1-3.5

T163064-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.71	6120135	12/01/16	12/07/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV1-3.5

T163064-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	3.5	ug/m³ Air	1.71	6120135	12/01/16	12/07/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**16**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**11**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.8 %*	*40-160*		"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV1-13.5

T163064-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.93	6120135	12/01/16	12/07/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
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25712 Commercentre Drive
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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV1-13.5

T163064-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.93	6120135	12/01/16	12/07/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**5.5**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**5.5**	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*69.6 %*	*40-160*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-3.5

T163064-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	120	ug/m³ Air	1.91	6120135	12/01/16	12/06/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

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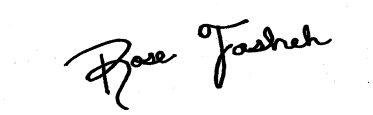

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-3.5

T163064-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	180	ug/m³ Air	1.91	6120135	12/01/16	12/06/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	**620**	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-13.5

T163064-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.85	6120135	12/01/16	12/07/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-13.5

T163064-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.85	6120135	12/01/16	12/07/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	**14**	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	**56**	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**10**	3.3	"	"	"	"	"	"	
Toluene	**4.6**	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**10**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*72.0 %*	*40-160*		"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-13.5 DUP

T163064-05 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	1.87	6120135	12/01/16	12/07/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

SV2-13.5 DUP

T163064-05 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.87	6120135	12/01/16	12/07/16	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**4.7**	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	**10**	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*73.1 %*		*40-160*	"	"	"	"	

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120135 - Canister Analysis										
Blank (6120135-BLK1)				Prepared: 12/01/16 Analyzed: 12/07/16						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

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Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120135 - Canister Analysis										
Blank (6120135-BLK1)				Prepared: 12/01/16 Analyzed: 12/07/16						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
Methyl isobutyl ketone	ND	42	"							
Benzene	ND	3.3	"							
Toluene	ND	3.8	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
o-Xylene	ND	4.4	"							
Surrogate: 4-Bromofluorobenzene	*36.9*		*"*	*45.3*		*81.6*	*40-160*			
Duplicate (6120135-DUP1)			**Source: T163064-01**	Prepared: 12/01/16 Analyzed: 12/07/16						
Acetone	ND	12	ug/m³ Air		ND				30	
1,3-Butadiene	ND	4.5	"		ND				30	
Carbon Disulfide	ND	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND				30	
Isopropyl alcohol	ND	13	"		ND				30	
Bromodichloromethane	ND	6.8	"		ND				30	
Bromoform	ND	11	"		ND				30	
Bromomethane	ND	4.0	"		ND				30	
Carbon tetrachloride	ND	6.4	"		ND				30	
Chlorobenzene	ND	4.7	"		ND				30	
Chloroethane	ND	2.7	"		ND				30	
Chloroform	ND	5.0	"		ND				30	
Chloromethane	ND	11	"		ND				30	
Cyclohexane	ND	3.5	"		ND				30	
Heptane	ND	4.2	"		ND				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.

Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120135 - Canister Analysis										
Duplicate (6120135-DUP1)		**Source: T163064-01**		Prepared: 12/01/16 Analyzed: 12/07/16						
Hexane	ND	3.6	ug/m³ Air		ND				30	
Dibromochloromethane	ND	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	
1,4-Dichlorobenzene	ND	6.1	"		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	ND	6.9	"		3.66				30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	15.2	5.5	"		15.7			3.02	30	
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	ND	5.0	"		ND				30	
1,2,4-Trimethylbenzene	3.16	5.0	"		2.99			5.56	30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	ND	15	"		ND				30	
Methyl isobutyl ketone	ND	42	"		ND				30	
Benzene	2.17	3.3	"		2.22			2.53	30	
Toluene	2.43	3.8	"		2.23			8.45	30	
Ethylbenzene	3.32	4.4	"		3.25			2.30	30	
m,p-Xylene	11.6	8.8	"		11.0			5.33	30	

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6120135 - Canister Analysis										
Duplicate (6120135-DUP1)		**Source: T163064-01**		Prepared: 12/01/16 Analyzed: 12/07/16						
o-Xylene	2.64	4.4	ug/m³ Air		2.57			2.90	30	
Surrogate: 4-Bromofluorobenzene	*32.1*		*"*	*45.3*		*71.0*	*40-160*			

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Pinnacle Environmental Technologies	Project: Grover Cleveland High School	
2 Santa Maria	Project Number: [none]	**Reported:**
Foothill Ranch CA, 92610	Project Manager: Keith Thompson	12/08/16 16:53

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager

CHAIN OF CUSTODY RECORD

T1163064

Site: Grover Cleveland High School
Address: 8140 Vanalden Ave
Reseda, CA

Project Manager: ☐ MALVEY ☒ THOMPSON
Sampled By: ☐ MALVEY ☒ THOMPSON
Laboratory: Sunstar

TAT: NORM - 24HR - 48HR
LARWQCB EDF - YES / NO

Page 1 of 1

PINNACLE SAMPLE ID	LABORATORY ID	Sample Time	Sample Date	Sample Matrix	J=Jar T=Tube V=VOA	EPA 5035 (EnCore)	TPH G/D/WO EPA 8015M	TRPH EPA 418.1	VOC EPA 8260B	Oxygenates EPA 8260B	SVOC EPA 8270C	Pesticides PCB's EPA 8081/8082	Title 22 Metals	TO-15	
SV1-3.5	01	11:15	11/30/16	SOIL VAPOR	1 Summa									X	
SV1-13.5	02	↓	↓	↓	↓									X	
SV2-3.5	03													X	
SV2-13.5	04													X	
SV2-13.5 Dup	05													X	

Relinquished By:	Date/Time: 11/30/16 1700	Received By:	Date/Time: 11-30-16 / 16:30	NOTES:
Relinquished By:	Date/Time:	Received By:	Date/Time:	

PINNACLE ENVIRONMENTAL TECHNOLOGIES
2 Santa Maria
Foothill Ranch, CA 92610
TEL: (949) 470-3691
FAX: (949) 595-0459

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630

(949)297-5020
(949)297-5027 fax
(530)304-5525 Bill Hannell

Form F-LP0005-1.2

Effective Date: 01/01/2016

* PLEASE DO ***NOT*** WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

CLEVELAND HIGH SCHOOL

Canister Data Sheet

Client: PINNACLE_KEITH_11-30-16_7+2

Shipping Information				Sampling Information					
Canister Serial #		CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT:	0199	11/30/2016	-30	SV2-13.5 Dup	11/30/16	-26	-5	1212	1219
SSAT:	0220	11/30/2016	-30	SV2-3.5	11/30/16	-25	-5	1159	1204
SSAT:	0244	11/30/2016	-30	SV2-13.5	11/30/16	-26	-5	1205	1211
SSAT:	0441	11/30/2016	-30	SV1-3.5	11/30/16	-25	-2	1207	1212
SSAT:	0785	11/30/2016	-30	SV1-13.5	11/30/16	-25	-5	1214	1219
SSAT:	0368	11/30/2016	30						
SSAT:	0726	11/30/2016	30						
SSAT:	2052	11/30/2016		MANIFOLD 150					
SSAT:	2065	11/30/2016		MANIFOLD 150					

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1163064

Client Name: PINNACLE ENV. Project: GROVER CLEVELAND HIGH SCHOOL

Delivered by: [X] **Client** [ ] **SunStar Courier** [ ] **GSO** [ ] **FedEx** [ ] **Other**

If Courier, Received by: Date/Time Courier Received:

Lab Received by: SUNNY Date/Time Lab Received: 11.30.16 / 16:30

Total number of coolers received: 0

Temperature: Cooler #1	—	°C +/- the CF (- 0.2°C) =	—	°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?	[ ] **Yes**	[ ] **No**
If NO:				
Samples received on ice?		[ ] Yes	[ ] **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?		[ ] Yes → Acceptable	[ ] **No → Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	[ ] Yes	[ ] No*	[X] N/A
Sample containers intact	[X] Yes	[ ] No*	
Sample labels match Chain of Custody IDs	[X] Yes	[ ] No*	
Total number of containers received match COC	[X] Yes	[ ] No*	
Proper containers received for analyses requested on COC	[X] Yes	[ ] No*	
Proper preservative indicated on COC/containers for analyses requested	[ ] Yes	[ ] No*	[X] N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	[X] **Yes**	[ ] **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 11.30.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Project Name: CLEVELAND HIGH SCHOOL				
Company: PINNACLE		Name:	KEITH	
		Phone:		
Item		Quantity		Unit
2 oz Jars 24/CS				
4 oz Jars 24/CS				
8 oz Jars 12/CS				
40 ml unpreserved VOAs 100/box				
40 ml HCL-preserved VOAs 72/box				
250 ml Poly 24/CS				
1 Liter Poly 12/CS				
500 ml Poly 16/CS				
500 ml Amber Bottle Wide 12/CS				
1 Liter Amber Bottle 12/CS				
1 Gallon Poly 4/box				
5035 kits:(2)Sodium Bisulfate VOAs 72/box				
	(1) Methanol VOA 72/box			
	(1)Syringe 50/pack			
Lock-N-Load Handle 1/pack				
Tedlar Bags 10/pack				
Manifold, Inst. Sampler, Variable Sampler		2-MANIFOLDS (150)		CHARGE - 1
Sub Slab Insert w/ washer & N/F				
Soil Gas SS 16" Drop Tubes				
Gas Extraction Fittings				
Soil Gas Filters				
		# SENT	USED	UNUSED
Batch Certified Summa Canisters	400cc			
	1L	4 (2-N, 2-P)		
	3L			
	6L			
Individually Certified Summa Canisters	400cc			
	1L	5	5	
	3L			
	6L			
Cooler (Small, Medium, Large) Number & Quantity				
Swagelok Fittings: Nuts/Ferrules, Ts		6-NUT/FERRULES		6 RETURNED
Other: Poly Tube, Valves,Silicon Tape, etc.		TEFLON TUBING		
Prepared By: BRIAN		Date:	11/30/16	
Reviewed By:		Date :		

www.SunStarLabs.com
949-297-5020
25712 Commercentre Dr, Lake Forest CA 92630

Asset Check-In Receipt

SunStar Laboratories Inc.

Check-In Date: 11/30/2016

User Name: Lounethone, Sunny

Asset Tag	Asset Type	Serial No	Location	Customer No.	Customer Name
0199	1000cc: 1000cc Summa	0199	Sunstar Labs, Tustin Air Lab	Pinnacle-Keith	Keith Thompson
0220	1000cc: 1000cc Summa	0220	Sunstar Labs, Tustin Air Lab	Pinnacle-Keith	Keith Thompson
0244	1000cc: 1000cc Summa	0244	Sunstar Labs, Lake Forest Air Lab	Pinnacle-Keith	Keith Thompson
0368	1000cc: 1000cc Summa	0368	Sunstar Labs, Lake Forest Air Lab	Pinnacle-Keith	Keith Thompson
0441	1000cc: 1000cc Summa	0441	Sunstar Labs, Tustin Air Lab	Pinnacle-Keith	Keith Thompson
0726	1000cc: 1000cc Summa	0726	Sunstar Labs, SunStar Labs - South	Pinnacle-Keith	Keith Thompson
0785	1000cc: 1000cc Summa	0785	Sunstar Labs, SunStar Labs - South	Pinnacle-Keith	Keith Thompson
2052	Vapor Manifold: Vapor Manifold	2052	Sunstar Labs, Lake Forest Air Lab	Pinnacle-Keith	Keith Thompson
2065	Vapor Manifold: Vapor Manifold	2065	Sunstar Labs, Lake Forest Air Lab	Pinnacle-Keith	Keith Thompson

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163064

Client: **Pinnacle Environmental Technologies** **Project Manager:** **Rose Fasheh**

Project: **Grover Cleveland High School** **Project Number:** **[none]**

Report To:

Pinnacle Environmental Technologies
Keith Thompson
2 Santa Maria
Foothill Ranch, CA 92610

Date Due:	12/08/16 17:00 (5 day TAT)		
Received By:	Sunny Lounethone	Date Received:	11/30/16 16:30
Logged In By:	Sunny Lounethone	Date Logged In:	11/30/16 17:20

Samples Received at:

Custody Seals	No	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirı	No		

Analysis	Due	TAT	Expires	Comments
T163064-01 SV1-3.5 [Air] Sampled 11/30/16 11:15 (GMT-08:00) Pacific Time (US &				
TO-15	12/08/16 15:00	5	12/30/16 11:15	
T163064-02 SV1-13.5 [Air] Sampled 11/30/16 11:15 (GMT-08:00) Pacific Time (US &				
TO-15	12/08/16 15:00	5	12/30/16 11:15	
T163064-03 SV2-3.5 [Air] Sampled 11/30/16 11:15 (GMT-08:00) Pacific Time (US &				
TO-15	12/08/16 15:00	5	12/30/16 11:15	
T163064-04 SV2-13.5 [Air] Sampled 11/30/16 11:15 (GMT-08:00) Pacific Time (US &				
TO-15	12/08/16 15:00	5	12/30/16 11:15	
T163064-05 SV2-13.5 DUP [Air] Sampled 11/30/16 11:15 (GMT-08:00) Pacific Time (US &				
TO-15	12/08/16 15:00	5	12/30/16 11:15	

Reviewed By Date

APPENDIX F

MANIFEST FOR DRUM DISPOSAL

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
2/7/17		198 732	A07	46904	0011

Generator and/or Consultant

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)*
CLEVELAND HIGH SCHOOL
8140 VANALDEN AVE
RESEDA, CA 91335

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) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
25971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 277433

Transporter's Phone #: 949-460-5200
CAR000183913
Person to Contact: LARRY MOOTHART
450847
FAX#: 949-460-5210
Customer Account Number:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	01 DM	Soil	38760	38160	600
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					330

List any exception to items listed above:
Scale Ticket # 130929

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried 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 ☐ Consultant ☒
Keith Thompson as Agent for city of LA
Signature and date:
Month 1 Day 19 Year 17

Transporter

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: Jose Fernam
Signature and date:
Month 01 Day 24 Year 17

Recycling Facility

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above

Print or Type Name: J. PROVANSAL
Signature and date: 2-7-17

Please print or type.

TRANSPORTER COPY

APPENDIX G

HUMAN HEALTH SCREENING EVALUATION
PREPARED BY
ENVIRONMENTAL HEALTH DECISIONS

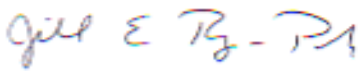
Human Health Screening Evaluation

Cleveland High School

Prepared for:
Pinnacle Environmental Technologies
#2 Santa Maria
Foothill Ranch, California 92610

Prepared by:
Environmental Health Decisions
16 Main Street
Ladera Ranch, California 92694

Submitted to:
Los Angeles Unified School District
Department of Toxic Substances Control



Jill Ryer-Powder, Ph.D., DABT
Principal Health Scientist

March 2017

Human Health Screening Evaluation

The purpose of this Human Health Screening Evaluation (HHSE) is to determine whether current and/or historical activities at the Cleveland High School (the Site) have resulted in releases of chemicals that could adversely impact the health of school children or staff. The school is located at 8140 Vanalden Avenue in Los Angeles, California. This HHSE is conducted in accordance with DTSC guidelines (DTSC, 2015) using data collected during the most current assessment (November, 2016).

A human health screening evaluation consists of three steps: 1) identifying potentially complete exposure pathways based on the conceptual site model (CSM), 2) identifying chemicals of potential concern (COPCs), and 3) estimating COPC exposures or doses, combining this information with the potential toxicity of the COPCs, and calculating cancer risk and noncancer hazard. Exposure to chemicals may occur if there is a complete pathway for humans to touch, ingest or inhale chemicals in site soil, water, or air. Potential dose and risk are calculated based on an evaluation of potential exposure concentrations of the COPCs, the chronic daily intake or dose for the relevant receptors, and the estimated health risks based on the toxicity of each COPC.

Default exposure parameters provided by the United States Environmental Protection Agency (USEPA) and California Environmental Protection Agency's Department of Toxic Substances Control (DTSC) that represent the Reasonable Maximum Exposure (RME) are incorporated in calculations of cancer risk and noncancer hazard. Incremental cancer risks and noncancer hazard indices are calculated for a residential scenario. Exposure pathways evaluated include incidental ingestion of soil, dermal contact with soils, and inhalation of fugitive dust and volatile chemicals in outdoor air. Assessments for soil exposures are conducted using the screening assessment methodology presented by DTSC (DTSC, 2015).

1.0 Conceptual Site Model

Chemicals detected in at least one sample in soil are initially evaluated as COPCs. Arsenic, lead, chlordane, and dieldrin were detected in soil samples. The maximum detected concentrations of chemicals in soil were used as the exposure point concentrations in evaluating the screening risk for the site. A summary of the data is presented in Summary of Data table below:

SUMMARY OF DATA

Analyzed Compounds	Number. of Analyzed Samples	Number of Samples with Detections	Range of Detections
Total Lead	**82**	**18**	**12-190 mg/kg**
Arsenic	**83**	**18**	**4.6-65 mg/kg**
Organochlorine Pesticides	**61**	**6**	**5.6-29 ug/kg**
alpha-chlordane	*61*	*3*	*5.6-21 ug/kg*
gamma-chlordane	*61*	*1*	*13 ug/kg*
Endosulfan I (endrin)	*61*	*1*	*5.8 ug/kg*
dieldrin	*61*	*3*	*8.3-29 ug/kg*
Total Petroleum Hydrocarbons	*3*	*2*	*nd-170 mg/kg*

C13-C28 (diesel range)	*3*	*3*	*110 mg/kg*
C29-C40 (oil range)	*3*	*3*	*170 mg/kg*
Volatile Organic Compounds	*1*	*0*	-
PCBs	*9*	*1*	*20 ug/kg*
PCB 1260	*9*	*1*	*20 ug/kg*

mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram
mdl - method detection limit

Consistent with DTSC (2015) guidance, this HHSE assumes that the entire site is available for contact by onsite residents. The CSM identifies the pertinent receptor groups, exposure media and exposure pathways associated with the site. The CSM is presented in table below:

CONCEPTUAL SITE MODEL

Exposure Receptors	Exposure Pathways	Dataset Used	Exposure Point Concentration
Residential	Incidental Ingestion	Soil data from November, 2016	Maximum concentration of all chemicals except 95% UCL concentrations of lead and arsenic
Residential	Dermal Contact	Soil data from November, 2016	Maximum concentration of all chemicals except 95% UCL concentrations of lead and arsenic
Residential	Inhalation of Outdoor Air	Soil data from November, 2016	Maximum concentration of all chemicals except 95% UCL concentrations of lead and arsenic

1.1 Soil Exposure Pathways

The maximum detected concentrations of organochlorine pesticides, TPH, and PCBs and the 95% upper confidence limit of the mean concentrations of lead and arsenic in soil were used as the representative exposure point concentrations in evaluating the screening risk for the site. A list of the chemicals their exposure point concentrations are provided in the Human Health Screening Evaluation table. The potential exists for exposure to these chemicals by dermal contact and incidental soil ingestion, and indirect contact by inhalation of particulates in outdoor air.

Lead was detected at a maximum concentration of 190 mg/kg in soil. The residential screening level for lead in soil is 80 mg/kg (OEHHA, 2009). There were 3 samples in which lead was present at a concentration greater than 80 mg/kg, i.e., B7 (88 mg/kg), B37 (190 mg/kg), and B54 (150 mg/kg). The 95% upper confidence limit of the mean (95% UCL) was calculated using the United States Environmental Protection Agency's ProUCL program (USEPA, 2015). The 95% UCL was 26.55 milligrams per kilogram (mg/kg). ProUCL output is presented in Attachment 1. The 95%

UCL is less than the residential screening level for lead in soil, therefore, lead is not further evaluated as a COPC for this site.

Arsenic was detected at a maximum concentration of 65 mg/kg in soil. Naturally occurring concentrations of arsenic in California soils are assumed, for school sites, to be approximately 12 mg/mg (DTSC, 2007). There were 3 samples in which arsenic was present at a concentration greater than 12 mg/kg, i.e., B10 (65 mg/kg) and B58 (at 2 depths, 14 and 18 mg/kg). The 95% upper confidence limit of the mean (95% UCL) was calculated using the United States Environmental Protection Agency's ProUCL program (USEPA, 2015). The 95% UCL was 8.59 milligrams per kilogram (mg/kg). ProUCL output is presented in Attachment 1. The 95% UCL is less than the naturally occurring level for arsenic in soil, therefore, arsenic is not further evaluated as a COPC for this site.

1.2 Water Exposure Pathways

Groundwater beneath the site will not be used as a source of drinking water. No perennial surface water bodies currently occur on or in the vicinity of the site. For these reasons, exposures to drinking and surface waters were not evaluated.

1.3 Air Exposure Pathways

Exposure to nonvolatile chemicals may occur via inhalation of fugitive dust. Exposure to volatile chemicals may occur via inhalation of vapors that migrate from soil to outdoor air. Exposures via inhalation of fugitive dust and ambient air are accounted for in the Regional Screening Levels used in this screening health risk assessment.

1.4 Summary of Selected Exposure Pathways

For the purpose of this human health screening evaluation, residents were assumed to be exposed to chemicals detected in soil by direct dermal contact, incidental ingestion, and inhalation of particulates and inhalation of volatile chemicals. Exposure to groundwater and surface water were deemed incomplete pathways and not further evaluated.

2.0 Exposure Point Concentrations and Chemicals

In accordance with the DTSC guidance (DTSC, 2015), the maximum detected or 95% UCL COPC concentrations were evaluated as representative exposure point concentrations (EPCs) for soil exposures. Soil data collected in November of 2016 from the sampled depths of 0.5, 1.5, and 2.5 feet below ground surface were used in the evaluation.

3.0 Toxicity Values

The toxicity assessment characterizes the relationship between the magnitude of exposure to a COPC, and the nature and magnitude of adverse health effects that may result from such exposure. For purposes of calculating exposure criteria to be used in risk assessments, adverse health effects are classified into two broad categories – carcinogens and noncarcinogens. Toxicity values are generally developed based on the threshold approach for noncarcinogenic effects and the non-threshold approach for carcinogenic effects. Toxicity values may be based on epidemiological studies and/or subchronic or chronic animal data. Toxicity values used in this assessment are embedded into the Regional Screening Levels (RSLs) (USEPA, 2016) modified, if necessary as discussed in DTSC HHRA Note 3 (DTSC, 2016).

3.1 Carcinogenic Effects

Certain chemicals are regulated as carcinogens based on the likelihood that exposure may cause cancer in humans. Numerical estimates of cancer potency for these chemicals are presented as cancer slope factors (CSFs). The CSF defines the cancer risk due to constant lifetime exposure to one unit of a carcinogen (units of risk per mg/kg-day). CSFs are derived by calculating the 95% upper control level (UCL) on the slope of the linear portion of the dose-response curve using the multistage cancer model on the study data. Use of the 95% UCL of the slope means that there is a 5% chance that the probability of a response could be greater than the estimated value for the experimental data used. This is a conservative approach and may overestimate the actual risk. Carcinogenic slope factors assume no threshold for effect, i.e. all exposures to a chemical are assumed to be associated with some risk. CSFs used in this assessment are embedded into the RSLs (USEPA, 2016; DTSC, 2016).

3.2 Noncarcinogenic Effects

For the purpose of assessing hazard associated with noncarcinogenic effects, the 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, it is assumed that 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 are evaluated using California EPA (if available) or USEPA Reference Concentrations (RfCs) and Reference Doses (RfDs) (OEHHA, 2017 and USEPA, 2017). The RfCs and RfDs are health-based criterion based on the assumption that thresholds exist for noncarcinogenic toxic effects. In general, the RfC and RfD are estimates (with uncertainty) of a daily exposure to the human population that are likely without appreciable risk of chronic effects during a lifetime of exposure. RfCs are expressed as acceptable daily doses in milligrams per cubic meter (mg/m^3). RfDs are expressed as acceptable daily doses in milligrams of compound per kilogram of body weight per day (mg/kg-day). RfCs and RfDs used in this assessment are embedded into the RSLs.

4.0 Risk Characterization

The risk characterization process integrates the quantitative and qualitative results of the data evaluation, exposure and toxicity assessments. The purpose is to estimate the likelihood, incidence, and magnitude of the potential human health effects from exposure to the COPCs under study and provide summary judgments regarding the nature of the health threat to the defined receptor populations.

4.1 Cancer Risks

For a chemical identified as a carcinogen, the maximum soil concentration detected is divided by its RSL for a residential receptor (modified, if necessary, as discussed in DTSC HHRA Note 3 so that the screening levels utilized are those specifically recommended by the DTSC), and multiplied by 10^{-6} to calculate the cancer risk pose by that chemical. The risk for each individual chemical is then added to get a screening estimate of the cumulative risk. The cumulative risk is then compared with a one-in-a million (1×10^{-6}, or 1E-06) *de minimis*, or insignificant risk level. This evaluation is presented in the Human Health Screening Evaluation table.

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4.2 Noncancer Hazards

For a chemical identified as causing adverse non-cancer health effects, the maximum concentration is divided by its RSL to get a Hazard Quotient (HQ) for that chemical. The HQs for each individual chemical are summed to obtain a site-related Hazard Index (HI). The HI is then compared to a DTSC acceptable benchmark level of 1.0. Implicit in the HQ is the assumption of a threshold level of exposure below which no adverse effects would occur. This evaluation is presented in the Human Health Screening Evaluation table.

4.3 Results of Human Health Screening Evaluation

As presented in the Human Health Screening Evaluation table, the cumulative cancer risk was 9 x 10^{-7} (also expressed as 0.9 in 1 million or 9E-07). This value is less than the *de minimis* level of 1 in 1 million. The cumulative noncancer hazard index was 1. This is equal to the benchmark level of 1.

HUMAN HEALTH SCREENING EVALUATION

Chemical	Maximum Concentration (mg/kg)	95% UCL (mg/kg)	DTSC Cancer SL (mg/kg)	DTSC Noncancer SL (mg/kg)	EPA Cancer RSL (mg/kg)	EPA Noncancer RSL (mg/kg)	Cancer Risk	Noncancer Hazard Index
alpha-Chlordane	0.021		440	none listed	1.7	35	4.8E-11	6.0E-04
gamma-Chlordane	0.013		440	none listed	1.7	35	3.0E-11	3.7E-04
Dieldrin	0.029		none listed	none listed	0.034	3.2	8.5E-07	9.1E-03
Endosulfan I	0.0058		none listed	none listed	none listed	470	nc	1.2E-05
Arsenic	65	8.59	Use screening level of 12 mg/kg				na	na
Lead	190	26.55	none listed	80 mg/kg	none listed	400 mg/kg	na	na
PCB 1260	0.02		none listed	none listed	0.24	none listed	8.3E-08	na
C13-C28 aliphatic	55		nc	none listed	nc	96	nc	5.7E-01
C13-C28 aromatic	55		nc	none listed	nc	110	nc	5.0E-01
C29-C40 aliphatic	85		nc	none listed	nc	230000	nc	3.7E-04
C29-C40 aromatic	85		nc	none listed	nc	2500	nc	3.4E-02
							9E-07	**1**

Notes:

mg/kg - milligrams per kilogram

nc - not a carcinogen

na - not applicable

95% UCL - 95 % upper confidence limit of the mean calculated using USEPA ProUCL

DTSC SL - Department of Toxic Substances Control Screening Level, HERO Note 3, June, 2016

EPA RSL - United States Environmental Protection Agency Regional Screening Level, May, 2016

DTSC SL (screening level) for alpha-chlordane and gamma-chlordane based on chlordane

EPA RSL for endosulfan I based on Endosulfan

5.0 Uncertainty Analysis

Risk assessments are a management tool for developing conservative estimates of health hazards that are unlikely to underestimate the true risk for potentially exposed populations. As a result, the numerical estimates in a risk assessment have associated uncertainties reflecting the limitations in available knowledge about site concentrations, exposure assumptions (e.g., chronic exposure concentrations, intake rates, frequency of time spent at home), and chemical toxicity. Where information is incomplete, conservative (over-protective) assumptions must be made. The greater the uncertainty, the more conservative are the assumptions, in an attempt to be protective of public health. In other words, although calculations of exposure often must be simplified to a few pathways or subgroups within a population, the simplifying assumptions should be more likely to overestimate than underestimate risk so that public health is protected regardless of other unknown conditions. Even when actual characteristics of a population are known, assumptions for exposure are often biased toward producing over-protective rather than under-protective health risk estimates for the majority of the population.

This assessment is conducted for a residential receptor. The Site is currently used for a school. Therefore, exposure parameters used in this assessment represent a greater exposure than what actually will occur.

6.0 Results of the Risk Characterization

The COPCs identified for the site initially included chlorinated insecticides, TPH, PCBs, lead, and arsenic. Based on the 95% UCL concentrations of lead and arsenic and a comparison to a regulatory screening level for lead and a naturally occurring background concentration for arsenic, these metals were eliminated from further assessment. The following table presents a summary of the cancer risk and noncancerous hazard index for exposure to COPCs in soil for residential receptors.

SUMMARY OF CANCER RISK/NONCANCER HAZARD INDEX - SCREENING HUMAN HEALTH RISK ASSESSMENT

Cancer Risk from Soil Exposures	9E-07
Noncancer Hazard Index from Soil Exposures	1

7.0 References

DTSC, 2007. Arsenic Strategies, Determination of Arsenic Remediation, Development of Arsenic Cleanup Goals for Proposed and Existing School sites: Department of Toxic Substances Control, Sacramento, CA. March 21.

DTSC, 2015. Preliminary Endangerment Assessment Guidance Manual. California Department of Toxic Substances Control, Sacramento, CA. October.

DTSC, 2016. Department of Toxic Substances Control. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels. June.

Office of Environmental Health Hazard Assessment (OEHHA). 2017. Toxicity Criteria Database.

Office of Environmental Health Hazard Assessment (OEHHA). 2009. Revised California Human

Health Screening Levels for Lead. September.

United States Environmental Protection Agency (USEPA). 2017. Integrated Risk Information System.

United States Environmental Protection Agency (USEPA). 2016. Regional Screening Levels. May.

APPENDIX H

PUBLIC NOTICE

Los Angeles Unified School District

Office of Environmental Health and Safety

November 16, 2016

TO: Neighbors and Community Members of the
Grover Cleveland Charter High School

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

REGARDING: Notice of Environmental Testing Activities
Grover Cleveland Charter High School, Reseda, California

The Los Angeles Unified School District (LAUSD) - Office of Environmental Health and Safety (OEHS) would like to provide you with advance notice of soil and soil gas testing that will be conducted within the boundaries of Grover Cleveland Charter High School, located at 8140 Vanalden Avenue, Reseda, California, 91335. The testing is a first step of the comprehensive modernization planned for the campus.

Fieldwork is scheduled to begin November 21, 2016, and is expected to be completed before the first day of the Spring Semester (January 9, 2017). Fieldwork that may create noise and dust will be conducted when students are away from school (e.g. weekends and holidays).

If you have any questions concerning the upcoming testing or other activities related to the proposed comprehensive modernization of Grove Cleveland Charter High School, please contact Eric Longenecker, LAUSD-OEHS Site Assessment Project Manager, at (213) 241-4263 (email at *eric.longenecker@lausd.net*).

Thank you in advance for your patience and understanding during this process.

Si desea información en español comuníquese con Fortunato Tapia de FSD Relaciones Comunitarias al (213) 241-1338 (línea directa) o (213) 241-1340 (línea principal) o por correo electrónico a fortunato.tapia@lausd.net.

Los Angeles Unified School District

Office of Environmental Health and Safety

16 de noviembre, 2016

A: Vecinos y Miembros de la Comunidad de la
Escuela Preparatoria Autónoma Grover Cleveland

De: Oficina de Salud y Seguridad Ambiental (OEHS) del
Distrito Escolar Unificado de Los Ángeles

Asunto: Aviso de Actividades para Pruebas Ambientales
Escuela Preparatoria Autónoma Grover Cleveland
Reseda, California

La Oficina de Salud y Seguridad (OEHS) del Distrito Escolar Unificado de Los Ángeles (LAUSD) por la presente quiere notificarle de manera anticipada sobre pruebas ambientales del suelo y de los gases del suelo que se llevarán a cabo dentro de los límites de la Escuela Preparatoria Autónoma Grover Cleveland, ubicada en el 8140 Vanalden Avenue, Reseda, California, 91335. Las pruebas son el primer paso para la modernización integral prevista para el plantel escolar.

El trabajo de campo está programado para comenzar el 21 de noviembre, 2016, y se espera terminará antes del primer día de clases del semestre de la primavera (9 de enero, 2017). El trabajo de campo que pueda causar ruido y polvo se llevará a cabo cuando los estudiantes no estén presentes en el plantel escolar (por ejemplo, los fines de semana y días festivos).

Si usted tiene alguna pregunta acerca de las pruebas que se aproximan u otras actividades relacionadas con la modernización integral propuesta para la Escuela Preparatoria Autónoma Grover Cleveland, por favor, comuníquese con Eric Longenecker, Gerente de Proyectos de Evaluación del LAUSD-OEHS, al (213) 241 a 4263 o por correo electrónico a Eric. longenecker@lausd.net

Gracias de antemano por su paciencia y comprensión durante este proceso.

Si desea información en español por favor comuníquese con Fortunato Tapia de Relaciones Comunitarias del LAUSD-FSD al (213) 241-1338 (Línea Directa) o al (213) 241-1340 (Línea Principal) o por correo electrónico a fortunato.tapia@lausd.net