Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
8800 Cal Center Drive
Sacramento, California 95826-3200

Edmund G. Brown Jr.
Governor

May 2, 2016

Robert Laughton, LEED AP
Director, Environmental Health and Safety
Los Angeles Unified School District
333 South Beaudry Avenue, Floor 21
Los Angeles, CA 90017

RESULTS OF SOIL SAMPLING AT HUNTINGTON PARK HIGH SCHOOL, 6020 MILES AVENUE, HUNTINGTON PARK, CALIFORNIA 90255;PIA SCHOOL PSCH-05

Dear Mr. Laughton,

Enclosed with this letter are the results of the soil sampling conducted at the Huntington Park High School (Preliminary Investigation Area [PIA] School PSCH-05) located at 6020 Miles Avenue, Huntington Park, California (Property). The Department of Toxic Substances Control's (DTSC or Department) contractors conducted that soil sampling on March 22, 2016 in accordance with the DTSC-approved sampling work plan dated March 9, 2016.[1]

Laboratory analysis of a five-part composite soil sample collected from four depths below ground surface (0-3 inches, 3-6 inches; 6-12 inches and 12-18 inches), detected lead at concentrations of 88 parts per million (ppm), 73 ppm, 41 ppm and 8.6 ppm, respectively. In accordance with the approved work plan, the five discrete samples collected at the 0-3 inches depth interval were analyzed for lead separately, since the surface composite soil sample (PSCH-05-3-COMP) exceeded the *residential screening level* of 80 ppm. Three of the discrete surface samples had lead concentrations below 80 ppm; two of the samples, PSCH-05-03-3 and PSCH-05-02-3, had concentrations of lead at 100 ppm and 110 ppm, respectively.

A soil screening level for a high school student does not exist, thus, the lead concentrations were compared to the Department's residential screening level of 80 ppm. However, the residential screening level was developed to be protective of children between the ages of 0 to 7 years because they are most sensitive to the adverse effects of lead.

In 2009, DTSC adopted the California Environmental Protection Agency Office of Environmental Health Hazard Assessment's (OEHHA) residential soil screening level of 80 ppm for lead. The residential screening level was derived using the modeling

[1] Parsons; *"Addendum to the November 18, 2015 Final Work Plan, Sampling and Analysis of Properties in the Vicinity of the Exide Facility (Vernon, California)"*; March 9, 2016.

spreadsheet “Leadspread,” which at 80 ppm predicted an increase in blood lead of 1 microgram per deciliter (ug/dL) at the 90th percentile for a population of children exposed to lead in soils at their home, and a subsequent decrease of one IQ point in the children. However, if the frequency of exposure is adjusted from seven days a week to five days a week (a typical school week), the concentration of lead increases to 110 ppm for a young residential child (0-7 years old).

Students at Huntington Park High School are much older than seven years and are therefore not as susceptible to the developmental effects of lead as a young child. In addition, high school students are in contact with soils on school grounds at a frequency that is substantially less than is assumed for a residential scenario of 350 days/year and 24 hours a day.

In addition, the laboratory analysis all of the composite and discrete soil samples collected from the school had lead concentrations below a commercial/industrial screening level of 320 ppm, which is the target concentration based on protection of a pregnant female worker, and therefore is also protective of other adult workers at the school (e.g., faculty members, administrators, custodians).

Based on the information discussed above and consideration of site-specific parameters, such as the age of the receptors and the frequency of exposure, the low levels of lead detected at the Huntington Park High School grounds would not pose unacceptable adverse effects to students, faculty, and administrative or custodial staff. No additional soil sampling and/or cleanup is warranted for the Property.

If you have any questions regarding this letter, please contact me at (916) 255-3630 or at Peter.Ruttan@dtsc.ca.gov.

Sincerely,

Peter Ruttan
Project Manager
Legacy Landfills Office

Enclosure

cc: (via email)
Mr. Pat Schanen, LAUSD
Mr. Bill Piazza, LAUSD

PARSONS

100 West Walnut Street • Pasadena, CA 91124 • (626) 440-2000 • Fax (626) 440-2993 • www.parsons.com

Technical Memorandum

Date: 25 April 2016

To: Ms. Sarah Cromie, Sr. Hazardous Substance Scientist
California Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826-3200

Subject: ***Report for PIA School PSCH-05***
Huntington Park High School
6020 Miles Avenue
Huntington Park, California 90255

This Technical Memorandum presents a summary of the sample results for Huntington Park High School located at 6020 Miles Ave., Huntington Park, California (Property), designated as Preliminary Investigation Area (PIA) School number PSCH-05 (Figure 1). This Property was sampled on March 22, 2016 by Parsons. A total of 5 borings were hand-augered up to a maximum depth of 18 inches (Figure 2). Samples were collected at depths of 0-3 inches, 3-6 inches, 6-12 inches and 12-18 inches. Sampling equipment was decontaminated between sample locations to avoid cross-contamination.

Soil from each of the sample intervals (0-3 inches, 3-6 inches, 6-12 inches and 12-18 inches) were composited by depth to create a total of four samples. These soil samples were submitted to an offsite laboratory for analysis of lead (Table 1). The analytical laboratory report is provided in Attachment 1.

DTSC's current level of concern for lead in soil is 80 milligrams per kilogram (mg/kg). Analytical results for the composite samples ranged from 8.6 to 88 mg/kg (Table 1). Because one of the concentrations for the composite samples analyzed by the laboratory exceeded 80 mg/kg (Sample PSCH-05-3-COMP), the individual samples composited from the 0-3 inch samples were also analyzed. Results for the individual samples showed concentrations ranging from 32 to 110 mg/kg, with two samples exceeding 80 mg/kg; sample PSCH-05-03-3 has a concentration of 100 mg/kg and sample PSCH-05-02-3 has a concentration of 110 mg/kg. All other individual sample results were below 80 mg/kg. Analytical results are provided in Table 1.

CLOSING

If you have any questions or require further information, please contact me directly.

Sincerely,

Shala Craig, P.E. #C-69804
Parsons Project Manager
Attachments: Table 1 – Laboratory Results for Soil Samples
Figure 1 – Site Location Map
Figure 2 – Soil Sample Location Map
Attachment 1 - Analytical Laboratory Report

cc: Peter Ruttan, DTSC

TABLES

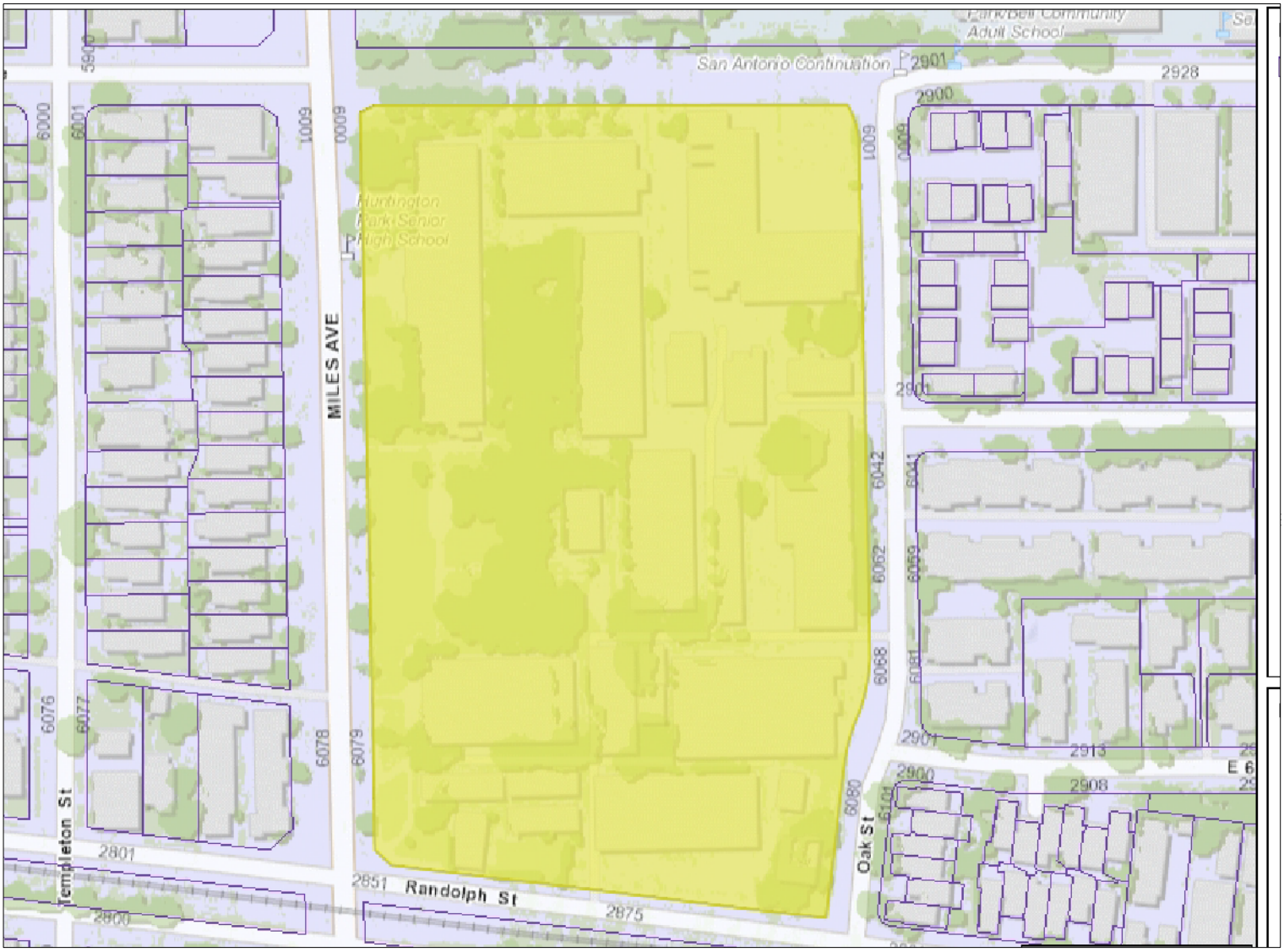
Table 1
Laboratory Results for Soil Samples
PSCH No. 05

Sample ID	Date	Laboratory Report	Matrix	Depth (in)	Lead
					mg/kg
PSCH-05-3-COMP	3/23/2016	21040	Soil	0-3	**88**
PSCH-05-6-COMP	3/23/2016	21040	Soil	3-6	**73**
PSCH-05-12 COMP	3/23/2016	21040	Soil	6-12	**41**
PSCH-05-18-COMP	3/23/2016	21040	Soil	12-18	**8.6**
PSCH-05-01-3	3/23/2016	21040	Soil	0-3	**32**
PSCH-05-02-3	3/23/2016	21040	Soil	0-3	**110**
PSCH-05-03-3	3/23/2016	21040	Soil	0-3	**100**
PSCH-05-04-3	3/23/2016	21040	Soil	0-3	**76**
PSCH-05-05-3	3/23/2016	21040	Soil	0-3	**78**

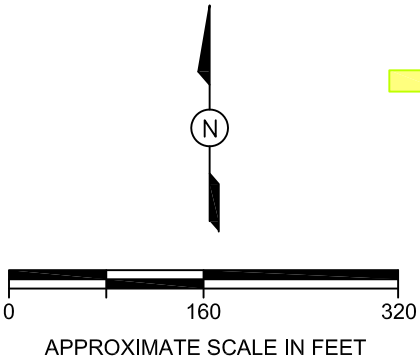
Notes:
Detection concentrations are in **BOLD** text
ND<____ = Non-detect at the laboratory reporting limit

Laboratory Detection Limits:
Lead = 0.5 to 50 mg/kg

FIGURES



Source: Los Angeles County Parcel Viewer, 2016



Property Location

SITE LOCATION MAP

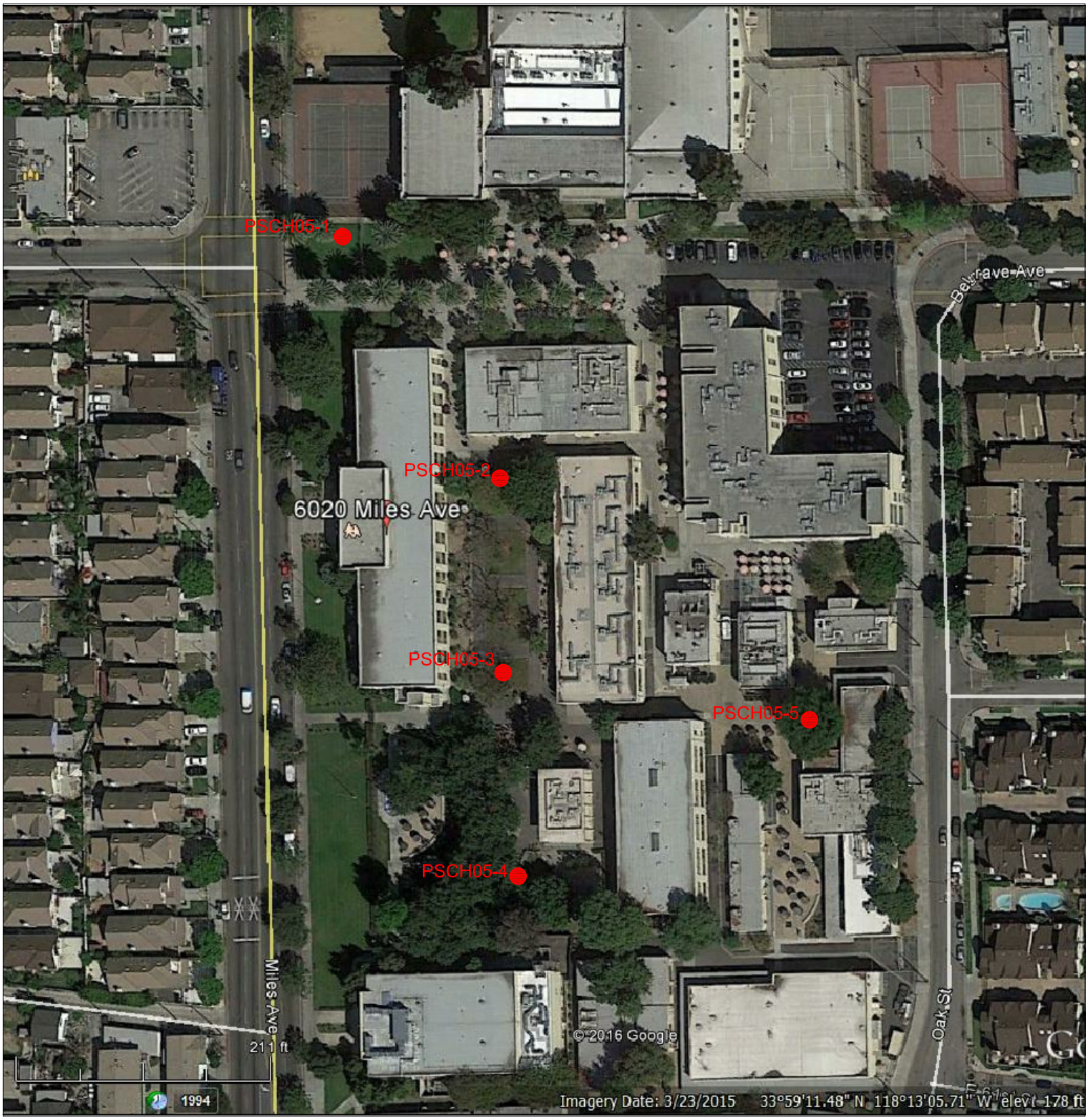
CLIENT: DTSC - EXIDE

LOCATION: PSCH-05 (Huntington Park High School)
6020 Miles Ave., Huntington Park, CA

PARSONS

FIGURE: 1

K:\Depts\Dept48\PG&E\Willows\Investigation in Support of Warehouse Demolition\Report\Figures



Source: Google Earth, 2016

N

Soil Sample Location

0 115 230

APPROXIMATE SCALE IN FEET

SOIL SAMPLE LOCATION MAP

CLIENT: DTSC - EXIDE

LOCATION: PSCH-05 (Huntington Park High School)
6020 Miles Ave., Huntington Park, CA

PARSONS

FIGURE: 2

K:\Depts\Dept48\PG&E\Willows\Investigation in Support of Warehouse Demolition\Report\Figures

ATTACHMENT 1
ANALYTICAL LABORATORY REPORTS

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576
Expiration Date: 2017
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client:	Parsons Environment & Infrastructure, Inc.
Laboratory Reference:	PEI 21040
Project Name:	DTSC Exide Off-site sampling
Project Number:	449646.01003
Date Received:	3/24/2016
Date Reported:	4/1/2016
Chain of Custody Received:	☑
Analytical Method:	6010B,

Mark Noorani, Laboratory Director

Ms. Shala Craig
Parsons Environment & Infrastructure, Inc.
100 W. Walnut St
Pasadena, CA, 91124

Lab Reference #: PEI 21040
Project Name: DTSC Exide Off-site sampling
Project #: 449646.01003

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 3ºC, on ice.

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

Ms. Shala Craig
Parsons Environment & Infrastructure, Inc.
100 W. Walnut St
Pasadena, CA, 91124

Lab Reference #: PEI 21040
Project Name: DTSC Exide Off-site sampling
Project #: 449646.01003

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-3-COMP	21040-001	3/24/2016	3/23/2016	Soil
PSCH-05-01-3	21040-002	3/24/2016	3/23/2016	Soil
PSCH-05-02-3	21040-003	3/24/2016	3/23/2016	Soil
PSCH-05-03-3	21040-004	3/24/2016	3/23/2016	Soil
PSCH-05-04-3	21040-005	3/24/2016	3/23/2016	Soil
PSCH-05-05-3	21040-006	3/24/2016	3/23/2016	Soil
PSCH-05-04-3D	21040-007	3/24/2016	3/23/2016	Soil
PSCH-05-6-COMP	21040-008	3/24/2016	3/23/2016	Soil
PSCH-05-01-6	21040-009	3/24/2016	3/23/2016	Soil
PSCH-05-02-6	21040-010	3/24/2016	3/23/2016	Soil
PSCH-05-03-6	21040-011	3/24/2016	3/23/2016	Soil
PSCH-05-04-6	21040-012	3/24/2016	3/23/2016	Soil
PSCH-05-05-6	21040-013	3/24/2016	3/23/2016	Soil
PSCH-05-12 COMP	21040-014	3/24/2016	3/23/2016	Soil
PSCH-05-01-12	21040-015	3/24/2016	3/23/2016	Soil
PSCH-05-02-12	21040-016	3/24/2016	3/23/2016	Soil
PSCH-05-03-12	21040-017	3/24/2016	3/23/2016	Soil
PSCH-05-04-12	21040-018	3/24/2016	3/23/2016	Soil
PSCH-05-05-12	21040-019	3/24/2016	3/23/2016	Soil
PSCH-05-18-COMP	21040-020	3/24/2016	3/23/2016	Soil
PSCH-05-01-18	21040-021	3/24/2016	3/23/2016	Soil
PSCH-05-02-18	21040-022	3/24/2016	3/23/2016	Soil
PSCH-05-03-18	21040-023	3/24/2016	3/23/2016	Soil
PSCH-05-04-18	21040-024	3/24/2016	3/23/2016	Soil
PSCH-05-05-18	21040-025	3/24/2016	3/23/2016	Soil
PSCH-05-05-18 MS/MSD	21040-026	3/24/2016	3/23/2016	Soil

Ms. Shala Craig
Parsons Environment & Infrastructure, Inc.
100 W. Walnut St
Pasadena, CA, 91124

Lab Reference #: PEI 21040
Project Name: DTSC Exide Off-site sampling
Project #: 449646.01003

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-3-COMP	21040-001	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	88	mg/kg	03/28/16	03/29/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-01-3	21040-002	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	32	mg/kg	03/31/16	04/01/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-02-3	21040-003	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	110	mg/kg	03/31/16	04/01/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-03-3	21040-004	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	100	mg/kg	03/31/16	04/01/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-04-3	21040-005	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	76	mg/kg	03/31/16	04/01/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-05-3	21040-006	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	78	mg/kg	03/31/16	04/01/16	--	1

Ms. Shala Craig
Parsons Environment & Infrastructure, Inc.
100 W. Walnut St
Pasadena, CA, 91124

Lab Reference #: PEI 21040
Project Name: DTSC Exide Off-site sampling
Project #: 449646.01003

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-6-COMP	21040-008	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	73	mg/kg	03/28/16	03/29/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-12 COMP	21040-014	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	41	mg/kg	03/28/16	03/29/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PSCH-05-18-COMP	21040-020	3/24/2016	3/23/2016	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	8.6	mg/kg	03/28/16	03/29/16	--	1

Method Blank					Soil
MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBSG0328161	Lead	6010B	<0.50	mg/kg	03/28/16	03/29/16	--	1

Method Blank					Soil
MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBSG0331161	Lead	6010B	<0.50	mg/kg	03/31/16	04/01/16	--	1

QA/QC Report
for
Metals

Reference #: PEI 21040 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Lead	3/28/2016	3/29/2016	3/29/2016	21037-001	7.30	20.0	24.8	26.8	88	98	8	75-125	20	--
Lead	3/31/2016	4/1/2016	4/1/2016	21040-002	32.0	20.0	48.0	50.6	80	93	5	75-125	20	--

Laboratory Control Sample

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Lead	3/28/2016	3/29/2016	3/29/2016	SG0328161	20.0	20.8	21.1	104	106	1	80-120	20	--
Lead	3/31/2016	4/1/2016	4/1/2016	SG0331161	20.0	20.5	20.5	102	102	0	80-120	20	--

Definition of terms:

R1	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request and Chain of Custody Record

Lab Job No: 21040
Page 1 of 4

ORANGE COAST ANALYTICAL, INC. **www.ocalab.com**

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Parsons	PROJECT NAME: DTSC Exide Off-site sampling
SEND REPORT TO: Shala Craig	NUMBER 449646.01003
ADDRESS: 100 West Walnut Street	ADDRESS Various
Pasadena, CA 91124	
EMAIL: shala.craig@parsons.com	P.O. #:
PHONE: 626-440-6161 FAX: 626-440-2993	SAMPLED BY:

REQUIRED TAT: Standard

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: Pb (6010B), 1	As, Cd, Cu, Sb, Zn (6010B)	Composite at lab	REMARKS / PRECAUTIONS
1	PSCH-05-3-COMP	1			SS	✓		✓	Partially composite discrete samples. Reserve
									enough sample for individual analysis.
2	PSCH-05-01-3	1	3/23/16	0902	SS	✓			HOLD
3	PSCH-05-02-3	1		0916	SS	✓			HOLD
4	PSCH-05-03-3	1		0921	SS	✓			HOLD
5	PSCH-05-04-3	1		0925	SS	✓			HOLD
6	PSCH-05-05-3	1		0932	SS	✓			HOLD
7	PSCH-05-04-3D	1	3/23/16	0925	SS	✓			Tom: 626-440-6067 HOLD

Total No. of Samples: | Method of Shipment: | Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: Mint Mint	Date/Time: 3/23/16 1815	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 3/24/16 0600

Sample Matrix: DW - Drinkingwater; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: 21040
Page 2 of _____

ORANGE COAST ANALYTICAL, INC. **www.ocalab.com**

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Parsons	PROJECT NAME: DTSC Exide Off-site sampling
SEND REPORT TO: Shala Craig	NUMBER 449646.01003
ADDRESS: 100 West Walnut Street	ADDRESS Various
Pasadena, CA 91124	
EMAIL: shala.craig@parsons.com	P.O. #:
PHONE: 626-440-6161 FAX: 626-440-2993	SAMPLED BY:

REQUIRED TAT: Standard

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: Pb (6010B), 1	As, Cd, Cu, Sb, Zn (6010B)	Composite at lab						REMARKS / PRECAUTIONS
8	PSCH-05-6-COMP	1			SS	✓		✓						Partially composite discrete samples. Reserve
														enough sample for individual analysis.
9	PSCH-05-01-6	1	3/23/16	0903	SS	✓								HOLD
10	PSCH-05-02-6	1		0917	SS	✓								HOLD
11	PSCH-05-03-6	1		0922	SS	✓								HOLD
12	PSCH-05-04-6	1		0926	SS	✓								HOLD
13	PSCH-05-05-6	1		0933	SS	✓								HOLD
														Tom: 626-440-6067

Total No. of Samples: | Method of Shipment: | Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: Miriam Simi	Date/Time: 3/23/16 1815	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: OCACA	Date/Time: 3/24/16 0600

Sample Matrix: DW - Drinkingwater; GW - Groundwater; WW - Wastewater; SS - Soil/Solid; OT- Other

Sample Integrity: Intact ✓ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: 21040
Page 3 of 4

ORANGE COAST ANALYTICAL, INC. **www.ocalab.com**

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CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Parsons	PROJECT NAME: DTSC Exide Off-site sampling
SEND REPORT TO: Shala Craig	NUMBER 449646.01003
ADDRESS: 100 West Walnut Street	ADDRESS Various
Pasadena, CA 91124	
EMAIL: shala.craig@parsons.com	P.O #:
PHONE: 626-440-6161 FAX: 626-440-2993	SAMPLED BY:

REQUIRED TAT: Standard

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: Pb (6010B), 1	As, Cd, Cu, Sb, Zn (6010B)	Composite at lab	REMARKS / PRECAUTIONS
14	PSCH-05-12-COMP	1			SS	✓		✓	Partially composite discrete samples. Reserve
									enough sample for individual analysis.
15	PSCH-05-01-12	1	3/23/16	0904	SS	✓			HOLD
16	PSCH-05-02-12	1	"	0918	SS	✓			HOLD
17	PSCH-05-03-12	1	"	0923	SS	✓			HOLD
18	PSCH-05-04-12	1	"	0926	SS	✓			HOLD
19	PSCH-05-05-12	1	"	0934	SS	✓			HOLD
									Tom: 626-440-6067

Total No. of Samples: | Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: Mirna Jimenez 3/23/16 1815	Received By:	Date/Time:
Relinquished By:	Received By:	Date/Time:
Relinquished By:	Received For Lab By: OCALA 3/24/16 0600	Date/Time:

Sample Matrix: WW - Wastewater; DW - Drinkingwater; SS - Soil/Solid; GW - Groundwater; OT- Other

Sample Integrity: Intact ✓ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Analysis Request and Chain of Custody Record

Lab Job No: 21040
Page 4 of 4

ORANGE COAST ANALYTICAL, INC. **www.ocalab.com**

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064 Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Parsons	PROJECT NAME: DTSC Exide Off-site sampling
SEND REPORT TO: Shala Craig	NUMBER 449646.01003
ADDRESS: 100 West Walnut Street	ADDRESS Various
Pasadena, CA 91124	
EMAIL: shala.craig@parsons.com	P.O. #:
PHONE: 626-440-6161 FAX: 626-440-2993	SAMPLED BY:

REQUIRED TAT: Standard

	SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	ANAYSIS / CONTAINER / PRESERVATIVE: Pb (6010B), 1	As, Cd, Cu, Sb, Zn (6010B)	Composite at lab	REMARKS / PRECAUTIONS
20	PSCH-05-18-COMP	1			SS	✓		✓	Partially composite discrete samples. Reserve
									enough sample for individual analysis.
21	PSCH-05-01-18	1	3/23/16	0905	SS	✓			HOLD
22	PSCH-05-02-18	1		0919	SS	✓			HOLD
23	PSCH-05-03-18	1		0924	SS	✓			HOLD
24	PSCH-05-04-18	1		0927	SS	✓			HOLD
25	PSCH-05-05-18	1		0935	SS	✓			HOLD
26	PSCH-05-05-18MS/MSD	1	3/23/16	0935	SS	✓			Tom: 626-440-6067 HOLD

Total No. of Samples: | Method of Shipment:

Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: Mimi Ginal Date/Time: 3/23/16 1815	Received By: Date/Time:	Sample Matrix: WW - Wastewater; DW - Drinkingwater; GW - Groundwater; SS - Soil/Solid; OT- Other
Relinquished By: Date/Time:	Received By: Date/Time:	
Relinquished By: Date/Time:	Received For Lab By: OCACA Date/Time: 3/24/16 0600	Sample Integrity: Intact ✓ On Ice 3 °C

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

Sample Receipt Report

Labratory Reference **PEI 21040** Logged in by MM

Received:	03/24/16 06:00	Company Name:	Parsons Environment & Infrastructure,
Method of Shipment:	OnTrac	Project Manager:	Ms. Shala Craig
Shipping Container:	Cooler	Project Name:	DTSC Exide Off-site sampling
# Shipping Containers:	5	Project #:	449646.01003

Sample Quantity
26 Soil

Chain of Custody	Complete ☑	Incomplete ☐	None ☐
Samples On Ice	Yes, Wet ☑	Yes, Blue ☐	No ☐
Temperature	3°C		
Shipping Intact	Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Samples Intact	Yes ☑		No ☐
Sample Custody Seals Intact	Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated	Yes ☐	N/A ☑	No ☐
Proper Test Containers	Yes ☑		No ☐
Proper Test Preservations	Yes ☑		No ☐
Samples Within Hold Times	Yes ☑		No ☐
VOAs Have Zero Headspace	Yes ☐	N/A ☑	No ☐
Sample Labels	Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC	Yes ☑	N/A ☐	No ☐

Notes

Client Notified _____ By _____ On _____