



**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

---

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



**Edmund G. Brown Jr.**  
Governor

August 15, 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

### PRELIMINARY RESULTS OF SOIL SAMPLING EFFORTS AT LORENA AVENUE ELEMENTARY, ROWAN STREET ELEMENTARY, FISHBURN AVENUE ELEMENTARY, AND EASTMAN AVENUE ELEMENTARY SCHOOL CAMPUSES, LOS ANGELES UNIFIED SCHOOL DISTRICT

Dear Mr. Laughton,

Enclosed with this letter are the laboratory results of the additional soil sampling conducted at the Lorena Street, Rowan Avenue, Fishburn Avenue, and Eastman Avenue Elementary School campuses. The Department of Toxic Substances Control's (DTSC) sampling Contractor (Parsons Corporation) conducted the additional soil sampling on August 10, 2016 and August 11, 2016 in accordance with the DTSC sampling work plan dated August 9, 2016.

In addition to the enclosed sampling results, DTSC has prepared the attached Figures for these schools, that present the tabulated data and the areas where additional temporary mitigation measures are required. Based on our review of the data, additional temporary mitigation measures are necessary for the Lorena Street Elementary School and Rowan Street Elementary School campuses. The data also indicate that the temporary mitigation measures already in place at the Fishburn Avenue Elementary School Campus is sufficient, and that no temporary mitigation efforts are needed for the Eastman Avenue Elementary School campus.

Mr. Robert Laughton  
August 15, 2016  
Page 2

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

Sincerely,



Peter Ruttan  
Project Manager  
Exide Cleanup Project

Enclosures

- Figures
- Lab Data

cc: (via email)

Mr. Pat Schanen, LAUSD  
Mr. Bill Piazza, LAUSD  
Ms. Zoe Bayar, DTSC  
Ms. Suhasini Patel, DTSC  
Ms. Tamara Zielinski, DTSC

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Temporary Fencing or  
Ground Barrier Already  
Installed

**EXPLANATION**

Previous  
Sample Location

← 68' → Distance in Feet

Proposed Additional  
Sample Location (DTSC)

NOTE:  
FIGURE NOT TO SCALE

Temporary Fencing or  
Ground Barrier Needed

LORENA STREET SCHOOL



### Samples above 110 ppm (in red box)

Sample ID	Depth (in)	Lead mg/kg
SCH-07-06-01	0-1	80.1
SCH-07-07-01	0-1	31.7
SCH-07-08-01	0-1	49.8
SCH-07-09-01	0-1	10.1
SCH-07-10-01	0-1	45.2
SCH-07-11-01	0-1	59.4
SCH-07-12-01	0-1	203
SCH-07-13-01	0-1	168
SCH-07-14-01	0-1	138
SCH-07-06-03	1-3	39.3
SCH-07-07-03	1-3	65.5
SCH-07-08-03	1-3	41.5
SCH-07-09-03	1-3	18.6
SCH-07-09-03D	1-3	16.4
SCH-07-10-03	1-3	33.2
SCH-07-11-03	1-3	113
SCH-07-12-03	1-3	183
SCH-07-13-03	1-3	173
SCH-07-14-03	1-3	169
SCH-07-06-06	3-6	22.5
SCH-07-07-06	3-6	88.9
SCH-07-07-06D	3-6	100
SCH-07-08-06	3-6	52.9
SCH-07-09-06	3-6	42.2
SCH-07-10-06	3-6	47.1
SCH-07-11-06	3-6	83.6
SCH-07-11-06D	3-6	85
SCH-07-12-06	3-6	140
SCH-07-13-06	3-6	167
SCH-07-14-06	3-6	156









Temporary Fencing and/or  
Ground Barrier Already  
Installed

EXPLANATION	
	Previous Sample Location
	Proposed Additional Sample Location (DTSC)
	Distance in Feet

NOTE:  
FIGURE NOT TO SCALE

Temporary Fencing and/or  
Ground Barrier Needed




FISHBURN AVENUE MIDDLE SCHOOL  
AND CLEMENTE CHARTER SCHOOL


SAMPLE ID	DEPTH	LEAD(mg/kg)
SCH-13-06-01	0-1	20.3
SCH-13-07-01	0-1	24.6
SCH-13-08-01	0-1	19
SCH-13-09-01	0-1	17.1
SCH-13-10-01	0-1	25.1
SCH-13-11-01	0-1	52.6
SCH-13-12-01	0-1	64.6
SCH-13-13-01	0-1	61.5
SCH-13-14-01	0-1	23.6
SCH-13-06-03	1-3	13.6
SCH-13-07-03	1-3	35.2
SCH-13-08-03	1-3	28.1
SCH-13-09-03	1-3	14.4
SCH-13-09-03D	1-3	14.9
SCH-13-10-03	1-3	29.7
SCH-13-11-03	1-3	77.4
SCH-13-12-03	1-3	74.1
SCH-13-13-03	1-3	95.1
SCH-13-14-03	1-3	28.9
SCH-13-06-06	3-6	16.1
SCH-13-07-06	3-6	20
SCH-13-07-06D	3-6	23.7
SCH-13-08-06	3-6	41.5
SCH-13-09-06	3-6	36.7
SCH-13-10-06	3-6	24.7
SCH-13-11-06	3-6	76.7
SCH-13-11-06D	3-6	76.3
SCH-13-12-06	3-6	70.7
SCH-13-13-06	3-6	84.3
SCH-13-14-06	3-6	22





  
Tree Well  
Already Cleaned up

EXPLANATION	
	Previous Sample Location
	Proposed Additional Sample Location (DTSC)
	Distance in Feet

 Proposed Additional Sample Location (DTSC)

NOTE:  
FIGURE NOT TO SCALE

  
Temporary Fencing and/or  
Ground Barrier Needed

EASTMAN AVENUE  
ELEMENTARY SCHOOL

SAMPLE ID	DEPTH	LEAD(mg/kg)
SCH-11-06-01	0-1	69.8
SCH-11-07-01	0-1	71.5
SCH-11-08-01	0-1	67.8
SCH-11-09-01	0-1	65.2
SCH-11-10-01	0-1	53.3
SCH-11-11-01	0-1	42.1
SCH-11-12-01	0-1	39.3
SCH-11-13-01	0-1	39.9
SCH-11-14-01	0-1	65.7
SCH-11-06-03	1-3	97.8
SCH-11-07-03	1-3	80.6
SCH-11-08-03	1-3	48.4
SCH-11-09-03	1-3	52.5
SCH-11-09-03D	1-3	57.3
SCH-11-10-03	1-3	56.2
SCH-11-11-03	1-3	39.9
SCH-11-12-03	1-3	24.8
SCH-11-13-03	1-3	27
SCH-11-14-03	1-3	58
SCH-11-06-06	3-6	86.5
SCH-11-07-06	3-6	57.5
SCH-11-07-06D	3-6	58.3
SCH-11-08-06	3-6	47.6
SCH-11-09-06	3-6	63.6
SCH-11-10-06	3-6	38.7
SCH-11-11-06	3-6	14.5
SCH-11-11-06D	3-6	13.7
SCH-11-12-06	3-6	18.8
SCH-11-13-06	3-6	12.1
SCH-11-14-06	3-6	31.6



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### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Number of Pages 13  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626)440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
83953	08/10/2016	PARSNS

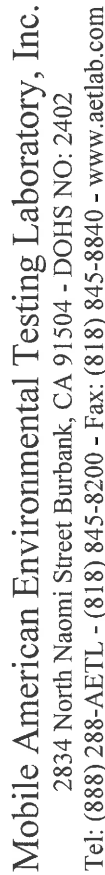
Project ID: 449646-01017  
Project Name: DTSC Exide Offsite Sampling  
Site: Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Enclosed please find results of analyses of 30 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By:

Approved By:

Cyrus Razmara, Ph.D.  
Laboratory Director



## CHAIN OF CUSTODY RECORD

83953

page 1 of 3

COMPANY			PHONE		FAX		PROJECT #	
PROJECT MANAGER								
PROJECT NAME								
SITE NAME AND ADDRESS								
Parsons			626-440-6161		626-440-2993		DTSC Exide Offsite Sampling	
Shala Craig							1015 S Lorena St, LA	
Lorena Street School							Zn (6010B)	
1015 S Lorena St, LA							As,Cd,Cu,Sb,	
LAB ID			DATE / TIME		MATRIX		CONTAINER NUMBER/ SIZE	
SAMPLE ID			PRES					
SCH-07-06-01			ICE		SOIL		X	
SCH-07-06-03			ICE		SOIL		X	
SCH-07-06-06			ICE		SOIL		X	
SCH-07-07-01			ICE		SOIL		X	
SCH-07-07-03			ICE		SOIL		H = hold	
SCH-07-07-06			ICE		SOIL			
SCH-07-07-06D			ICE		SOIL			
SCH-07-08-01			ICE		SOIL			
SCH-07-08-03			ICE		SOIL			
SCH-07-08-06			ICE		SOIL			
SCH-07-09-01			ICE		SOIL			
SCH-07-09-03			ICE		SOIL			
SCH-07-09-03D			ICE		SOIL			
SCH-07-09-06			ICE		SOIL			
RELINQUISHED BY:			RELINQUISHED BY:		RELINQUISHED BY:		RELINQUISHED BY:	
SAMPLER:			Signature:		Signature:		Signature:	
TOTAL NUMBER OF CONTAINERS			PROPERLY COOLED Y/N / NA		SAMPLES INTACT Y/N / NA		SAMPLES ACCEPTED Y/N	
CUSTODY SEALS Y/N / NA			SAMPLES COOLED Y/N / NA		SAMPLES INTACT Y/N / NA		SAMPLES ACCEPTED Y/N	
RECEIVED IN GOOD COND. Y/N			SAMPLES COOLED Y/N / NA		SAMPLES INTACT Y/N / NA		SAMPLES ACCEPTED Y/N	
TURN AROUND TIME			X RUSH 2 DAY		O NORMAL			

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Mobile American Environmental Testing Laboratory, Inc.  
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# CHAIN OF CUSTODY RECORD

83953

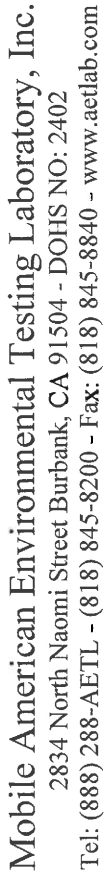
page 2 of 3

COMPANY	Parsons	PHONE	626-440-6161		
PROJECT MANAGER	Shala Craig	FAX	626-440-2993		
PROJECT NAME	DTSC Exide Offsite Sampling	PROJECT #	449646-01017		
SITE NAME AND ADDRESS	Lorena St School 1015 S Lorena St, LA				
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES
1	SCH-07-10-01	8/10/2016@ 0937	SOIL	1	ICE
2	SCH-07-10-03	8/10/2016@ 0939	SOIL	1	ICE
3	SCH-07-10-06	8/10/2016@ 0941	SOIL	1	ICE
4	SCH-07-11-01	8/10/2016@ 0947	SOIL	1	ICE
5	SCH-07-11-03	8/10/2016@ 0949	SOIL	1	ICE
6	SCH-07-11-06	8/10/2016@ 0951	SOIL	1	ICE
7	SCH-07-11-06D	8/10/2016@ 0951	SOIL	1	ICE
8	SCH-07-12-01	8/10/2016@ 1000	SOIL	1	ICE
9	SCH-07-12-03	8/10/2016@ 1002	SOIL	1	ICE
10	SCH-07-12-06	8/10/2016@ 1004	SOIL	1	ICE
11	SCH-07-13-01	8/10/2016@ 1008	SOIL	1	ICE
12	SCH-07-13-03	8/10/2016@ 1008	SOIL	1	ICE
13	SCH-07-13-06	8/10/2016@ 1011	SOIL	1	ICE
14					

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY				RELINQUISHED BY:			
TOTAL NUMBER OF CONTAINERS 13				Signature: Peter Shu			
CUSTODY SEALS Y/N / NA				Printed Name: Peter Shu			
RECEIVED IN GOOD COND. Y/N				RECEIVED BY: Signature: gph			
TURN AROUND TIME				Printed Name: gph			
O NORMAL				Date / Time: 8/10/16			
X RUSH				Date / Time: 8/10/16			

ANALYSIS REQUESTED				COMMENTS			
As, Cd, Cu, Sb, Pb (6010B)				H = hold			
Zn (6010B)							

RELINQUISHED BY:				RELINQUISHED BY:			
Signature: gph				Signature: gph			
Printed Name: gph				Printed Name: gph			
RECEIVED BY: Signature: gph				RECEIVED BY: Signature: gph			
Printed Name: gph				Printed Name: gph			
Date / Time: 8/10/16				Date / Time: 8/10/16			



## CHAIN OF CUSTODY RECORD

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Page: 1 A

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
83953	08/10/2016	PARSNS

## CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 30 samples with the following specification on 08/10/2016.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
83953.01	SCH-07-06-01	08/10/2016	Soil	1
83953.02	SCH-07-06-03	08/10/2016	Soil	1
83953.03	SCH-07-06-06	08/10/2016	Soil	1
83953.04	SCH-07-07-01	08/10/2016	Soil	1
83953.05	SCH-07-07-03	08/10/2016	Soil	1
83953.06	SCH-07-07-06	08/10/2016	Soil	1
83953.07	SCH-07-07-06D	08/10/2016	Soil	1
83953.08	SCH-07-08-01	08/10/2016	Soil	1
83953.09	SCH-07-08-03	08/10/2016	Soil	1
83953.10	SCH-07-08-06	08/10/2016	Soil	1
83953.11	SCH-07-09-01	08/10/2016	Soil	1
83953.12	SCH-07-09-03	08/10/2016	Soil	1
83953.13	SCH-07-09-03D	08/10/2016	Soil	1
83953.14	SCH-07-09-06	08/10/2016	Soil	1
83953.15	SCH-07-10-01	08/10/2016	Soil	1
83953.16	SCH-07-10-03	08/10/2016	Soil	1
83953.17	SCH-07-10-06	08/10/2016	Soil	1
83953.18	SCH-07-11-01	08/10/2016	Soil	1
83953.19	SCH-07-11-03	08/10/2016	Soil	1
83953.20	SCH-07-11-06	08/10/2016	Soil	1
83953.21	SCH-07-11-06D	08/10/2016	Soil	1
83953.22	SCH-07-12-01	08/10/2016	Soil	1
83953.23	SCH-07-12-03	08/10/2016	Soil	1
83953.24	SCH-07-12-06	08/10/2016	Soil	1

Continued



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Page: 1 B

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626) 440-6161

Attention: Shala Craig

Job Number	Order Date	Client
83953	08/10/2016	PARSNS

## CERTIFICATE OF ANALYSIS

### CASE NARRATIVE

83953.25	SCH-07-13-01	08/10/2016	Soil	1
83953.26	SCH-07-13-03	08/10/2016	Soil	1
83953.27	SCH-07-13-06	08/10/2016	Soil	1
83953.28	SCH-07-14-01	08/10/2016	Soil	1
83953.29	SCH-07-14-03	08/10/2016	Soil	1
83953.30	SCH-07-14-06	08/10/2016	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B.LEAD)	08/10/2016	3	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.  
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.  
Laboratory Director





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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 2

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C2

Our Lab I.D.			Method Blank	83953.01	83953.02	83953.03	83953.04
Client Sample I.D.				SCH-07-06-01	SCH-07-06-03	SCH-07-06-06	SCH-07-07-01
Date Sampled				08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	80.1	39.3	22.5	31.7



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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 3

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C2

Our Lab I.D.			83953.05	83953.06	83953.07	83953.08	83953.09
Client Sample I.D.			SCH-07-07-0 3	SCH-07-07-0 6	SCH-07-07-0 6D	SCH-07-08-0 1	SCH-07-08-0 3
Date Sampled			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	65.5	88.9	100	49.8	41.5





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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: **4**

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C2

<b>Our Lab I.D.</b>		<b>83953.10</b>				
Client Sample I.D.		SCH-07-08-0 6				
Date Sampled		08/10/2016				
Date Prepared		08/10/2016				
Preparation Method		3050B				
Date Analyzed		08/11/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	52.9			



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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 5

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C3

Our Lab I.D.			Method Blank	83953.11	83953.12	83953.13	83953.14
Client Sample I.D.				SCH-07-09-01	SCH-07-09-03	SCH-07-09-03D	SCH-07-09-06
Date Sampled				08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	10.1	18.6	16.4	42.2





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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 6

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C3

Our Lab I.D.			83953.15	83953.16	83953.17	83953.18	83953.19
Client Sample I.D.			SCH-07-10-0 1	SCH-07-10-0 3	SCH-07-10-0 6	SCH-07-11-0 1	SCH-07-11-0 3
Date Sampled			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	45.2	33.2	47.1	59.4	113



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
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Pasadena, CA 91124-

**Site**

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 7

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C3

<b>Our Lab I.D.</b>		<b>83953.20</b>				
Client Sample I.D.		SCH-07-11-0 6				
Date Sampled		08/10/2016				
Date Prepared		08/10/2016				
Preparation Method		3050B				
Date Analyzed		08/11/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	83.6			



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### ANALYTICAL RESULTS

**Ordered By****Site**

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1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 8

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C4

Our Lab I.D.			Method Blank	83953.21	83953.22	83953.23	83953.24
Client Sample I.D.				SCH-07-11-0 6D	SCH-07-12-0 1	SCH-07-12-0 3	SCH-07-12-0 6
Date Sampled				08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	85.0	203	183	140





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### ANALYTICAL RESULTS

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**Site**

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Attn: Shala Craig

Page: 9

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C4

Our Lab I.D.			83953.25	83953.26	83953.27	83953.28	83953.29
Client Sample I.D.			SCH-07-13-0 1	SCH-07-13-0 3	SCH-07-13-0 6	SCH-07-14-0 1	SCH-07-14-0 3
Date Sampled			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	168	173	167	138	169



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### ANALYTICAL RESULTS

**Ordered By**

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**Site**

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Telephone: (626)440-6161

Attn: Shala Craig

Page: 10

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C4

Our Lab I.D.		83953.30				
Client Sample I.D.		SCH-07-14-0 6				
Date Sampled		08/10/2016				
Date Prepared		08/10/2016				
Preparation Method		3050B				
Date Analyzed		08/11/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
Analytes	MDL	PQL	Results			
Lead	2.5	5.0	156			



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### QUALITY CONTROL RESULTS

#### Ordered By

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100 West Walnut Street  
Pasadena, CA 91124-

#### Site

Lorena Street School  
1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 11

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C2; Dup or Spiked Sample: 83953.01; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	80.1	50.0	129	97.8	50.0	130	99.8	2.02	75-125	<15

QC Batch No: 0810162C2; Dup or Spiked Sample: 83953.01; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	54.9	110	50.0	55.4	111	<1	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

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#### Site

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Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 12

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C3; Dup or Spiked Sample: 83953.11; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	10.1	50.0	53.3	86.4	50.0	53.0	85.8	<1	75-125	<15

QC Batch No: 0810162C3; Dup or Spiked Sample: 83953.11; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	57.8	116	50.0	57.7	115	<1	75-125	<15	





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### QUALITY CONTROL RESULTS

#### Ordered By

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Pasadena, CA 91124-

#### Site

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1015 S. Lorena St.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 13

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83953	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C4; Dup or Spiked Sample: 83953.21; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	85.0	50.0	124	78.0	50.0	123	76.0	2.60	75-125	<15

QC Batch No: 0810162C4; Dup or Spiked Sample: 83953.21; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	55.6	111	50.0	55.2	110	<1	75-125	<15	



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### Data Qualifiers and Descriptors

#### ***Data Qualifier:***

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

#### ***Definition:***

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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### Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

---



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### Ordered By

Parsons  
100 West Walnut Street  
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Number of Pages 13  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626)440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
83955	08/10/2016	PARSNS

Project ID: 449646-01017  
Project Name: DTSC Exide Offsite Sampling  
Site: Rowan Ave ES  
600 S. Rowan Avenue  
Los Angeles, CA 90023

Enclosed please find results of analyses of 27 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Cyrus Razmara, Ph.D.  
Laboratory Director





Mobile American Environmental Testing Laboratory, Inc.  
2834 North Naomi Street Burbank, CA 91504 - DOHS NO: 2402  
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# CHAIN OF CUSTODY RECORD

83955

page 1 of 2

COMPANY Parsons		PHONE 626-440-6161							
PROJECT MANAGER Shala Craig		FAX 626-440-2993							
PROJECT NAME DTSC Exide Offsite Sampling		PROJECT # 449646-01017							
SITE NAME AND ADDRESS Rowan Ave ES 600 S Rowan Ave, LA									
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES	Pb (6010B)	As, Cd, Cu, Sb, Zn (6010B)	ANALYSIS REQUESTED	COMMENTS
1	SCH-09-06-01	8/10/2016@ 10:50	SOIL	1	ICE	X			
2	SCH-09-06-03	8/10/2016@ 10:52	SOIL	1	ICE	X			
3	SCH-09-06-06	8/10/2016@ 10:54	SOIL	1	ICE	X			
4	SCH-09-07-01	8/10/2016@ 10:55	SOIL	1	ICE	X			
5	SCH-09-07-03	8/10/2016@ 10:57	SOIL	1	ICE	X			H = hold
6	SCH-09-07-06	8/10/2016@ 10:59	SOIL	1	ICE	X			
7	SCH-09-07-06D	8/10/2016@ 10:59	SOIL	1	ICE	X			
8	SCH-09-08-01	8/10/2016@ 11:05	SOIL	1	ICE	X			
9	SCH-09-08-03	8/10/2016@ 11:07	SOIL	1	ICE	X			
10	SCH-09-08-06	8/10/2016@ 11:09	SOIL	1	ICE	X			
11	SCH-09-09-01	8/10/2016@ 11:12	SOIL	1	ICE	X			
12	SCH-09-09-03	8/10/2016@ 11:14	SOIL	1	ICE	X			
13	SCH-09-09-03D	8/10/2016@ 11:14	SOIL	1	ICE	X			
14	SCH-09-09-06	8/10/2016@ 11:16	SOIL	1	ICE	X			
SAMPLE RECEIPT - TO BE FILLED BY LABORATORY						RELINQUISHED BY:			
TOTAL NUMBER OF CONTAINERS 14						Signature: <i>Peter Shair</i>			
CUSTODY SEALS Y/N/NA						Printed Name: Peter Shair			
RECEIVED IN GOOD COND Y/N						RECEIVED BY: <i>AEEL</i>			
TURN AROUND TIME						Signature: <i>AEEL</i>			
O NORMAL						Printed Name: <i>AEEL</i>			
X RUSH						Date: 8/10/16			



## CHAIN OF CUSTODY RECORD

83955 page 2 of 2

COMPANY		Parsons		PHONE	626-440-6161	
PROJECT MANAGER		Shala Craig		FAX	626-440-2993	
PROJECT NAME		DTSC Exide Offsite Sampling		PROJECT #	449646-01017	
SITE NAME AND ADDRESS		Rowan Ave ES 600 S Rowan Ave, LA				

SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES
1	SCH-09-10-01	8/10/2016@ 1031	SOIL	1	ICE
2	SCH-09-10-03	8/10/2016@ 1033	SOIL	1	ICE
3	SCH-09-10-06	8/10/2016@ 1035	SOIL	1	ICE
4	SCH-09-11-01	8/10/2016@ 1140	SOIL	1	ICE
5	SCH-09-11-03	8/10/2016@ 1142	SOIL	1	ICE
6	SCH-09-11-06	8/10/2016@ 1144	SOIL	1	ICE
7	SCH-09-11-06D	8/10/2016@ 1144	SOIL	1	ICE
8	SCH-09-12-01	8/10/2016@ 1200	SOIL	1	ICE
9	SCH-09-12-03	8/10/2016@ 1202	SOIL	1	ICE
10	SCH-09-12-06	8/10/2016@ 1204	SOIL	1	ICE
11	SCH-09-13-01	8/10/2016@ 1206	SOIL	1	ICE
12	SCH-09-13-03	8/10/2016@ 1208	SOIL	1	ICE
13	SCH-09-13-06	8/10/2016@ 1210	SOIL	1	ICE
14					

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY			RELINQUISHED BY
TOTAL NUMBER OF CONTAINERS	13	PROPERLY COOLED Y/N / NA	SAMPLER: <i>Peter Shair</i>
CUSTODY SEALS	Y/N/NA	SAMPLES INTACT Y/N/NA	Signature: <i>Peter Shair</i>
RECEIVED IN GOOD COND.	Y/N	SAMPLES ACCEPTED Y/N	Printed Name: <i>Peter Shair</i>
TURN AROUND TIME			RECEIVED BY: <i>gph</i>
			Signature: <i>gph</i>
			Printed Name: <i>gph</i>
			Date: <i>10/10/16</i>

☐ NORMAL
 ☒ RUSH *2000*



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### Ordered By

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100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
83955	08/10/2016	PARSNS

### CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 27 samples with the following specification on 08/10/2016.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
83955.01	SCH-09-06-01	08/10/2016	Soil	1
83955.02	SCH-09-06-03	08/10/2016	Soil	1
83955.03	SCH-09-06-06	08/10/2016	Soil	1
83955.04	SCH-09-07-01	08/10/2016	Soil	1
83955.05	SCH-09-07-03	08/10/2016	Soil	1
83955.06	SCH-09-07-06	08/10/2016	Soil	1
83955.07	SCH-09-07-06D	08/10/2016	Soil	1
83955.08	SCH-09-08-01	08/10/2016	Soil	1
83955.09	SCH-09-08-03	08/10/2016	Soil	1
83955.10	SCH-09-08-06	08/10/2016	Soil	1
83955.11	SCH-09-09-01	08/10/2016	Soil	1
83955.12	SCH-09-09-03	08/10/2016	Soil	1
83955.13	SCH-09-09-03D	08/10/2016	Soil	1
83955.14	SCH-09-09-06	08/10/2016	Soil	1
83955.15	SCH-09-10-01	08/10/2016	Soil	1
83955.16	SCH-09-10-03	08/10/2016	Soil	1
83955.17	SCH-09-10-06	08/10/2016	Soil	1
83955.18	SCH-09-11-01	08/10/2016	Soil	1
83955.19	SCH-09-11-03	08/10/2016	Soil	1
83955.20	SCH-09-11-06	08/10/2016	Soil	1
83955.21	SCH-09-11-06D	08/10/2016	Soil	1
83955.22	SCH-09-12-01	08/10/2016	Soil	1
83955.23	SCH-09-12-03	08/10/2016	Soil	1
83955.24	SCH-09-12-06	08/10/2016	Soil	1

Continued



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Page: 1 B

## Ordered By

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Project ID: 449646-01017  
Date Received 08/10/2016  
Date Reported 08/12/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
83955	08/10/2016	PARSNS

## CERTIFICATE OF ANALYSIS

### CASE NARRATIVE

83955.25	SCH-09-13-01	08/10/2016	Soil	1
83955.26	SCH-09-13-03	08/10/2016	Soil	1
83955.27	SCH-09-13-06	08/10/2016	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B.LEAD)	08/12/2016	3	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.  
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.  
Laboratory Director





## American Environmental Testing Laboratory Inc.

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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Rowan Ave ES  
600 S. Rowan Avenue  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 2

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C5

Our Lab I.D.		Method Blank	83955.01	83955.02	83955.03	83955.04
Client Sample I.D.			SCH-09-06-01	SCH-09-06-03	SCH-09-06-06	SCH-09-07-01
Date Sampled			08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared		08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	ND	106	86.1	61.2



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### ANALYTICAL RESULTS

**Ordered By**

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Telephone: (626)440-6161

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Page: 3

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C5

<b>Our Lab I.D.</b>		<b>83955.05</b>				
Client Sample I.D.		SCH-09-07-0 3				
Date Sampled		08/10/2016				
Date Prepared		08/10/2016				
Preparation Method		3050B				
Date Analyzed		08/11/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	185			



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Page: 4

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C5

Our Lab I.D.		83955.06	83955.07			
Client Sample I.D.		SCH-09-07-0 6	SCH-09-07-0 6D			
Date Sampled		08/10/2016	08/10/2016			
Date Prepared		08/10/2016	08/10/2016			
Preparation Method		3050B	3050B			
Date Analyzed		08/11/2016	08/11/2016			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		10	10			
Analytes	MDL	PQL	Results	Results		
Lead	25	50	322	333		



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### ANALYTICAL RESULTS

**Ordered By**

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Page: 5

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C5

Our Lab I.D.		83955.08	83955.09	83955.10		
Client Sample I.D.		SCH-09-08-0 1	SCH-09-08-0 3	SCH-09-08-0 6		
Date Sampled		08/10/2016	08/10/2016	08/10/2016		
Date Prepared		08/10/2016	08/10/2016	08/10/2016		
Preparation Method		3050B	3050B	3050B		
Date Analyzed		08/11/2016	08/11/2016	08/11/2016		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	MDL	PQL	Results	Results	Results	
Lead	2.5	5.0	28.9	29.0	39.4	





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### ANALYTICAL RESULTS

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Attn: Shala Craig

Page: 6

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C6

Our Lab I.D.			Method Blank	83955.11	83955.12	83955.13	83955.14
Client Sample I.D.				SCH-09-09-01	SCH-09-09-03	SCH-09-09-03D	SCH-09-09-06
Date Sampled				08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	23.1	29.0	28.1	24.8



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### ANALYTICAL RESULTS

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Attn: Shala Craig

Page: 7

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C6

Our Lab I.D.			83955.15	83955.16	83955.17	83955.18	83955.19
Client Sample I.D.			SCH-09-10-0 1	SCH-09-10-0 3	SCH-09-10-0 6	SCH-09-11-0 1	SCH-09-11-0 3
Date Sampled			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	47.7	45.7	38.6	108	119



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### ANALYTICAL RESULTS

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Attn: Shala Craig

Page: 8

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C6

<b>Our Lab I.D.</b>		<b>83955.20</b>				
Client Sample I.D.		SCH-09-11-0 6				
Date Sampled		08/10/2016				
Date Prepared		08/10/2016				
Preparation Method		3050B				
Date Analyzed		08/11/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	110			



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### ANALYTICAL RESULTS

**Ordered By****Site**

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Telephone: (626)440-6161

Attn: Shala Craig

Page: 9

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C7

Our Lab I.D.			Method Blank	83955.21	83955.22	83955.23	83955.24
Client Sample I.D.				SCH-09-11-0 6D	SCH-09-12-0 1	SCH-09-12-0 3	SCH-09-12-0 6
Date Sampled				08/10/2016	08/10/2016	08/10/2016	08/10/2016
Date Prepared			08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	94.7	49.4	46.5	18.9



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Rowan Ave ES  
600 S. Rowan Avenue  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 10

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C7

Our Lab I.D.		83955.25	83955.26	83955.27		
Client Sample I.D.		SCH-09-13-0 1	SCH-09-13-0 3	SCH-09-13-0 6		
Date Sampled		08/10/2016	08/10/2016	08/10/2016		
Date Prepared		08/10/2016	08/10/2016	08/10/2016		
Preparation Method		3050B	3050B	3050B		
Date Analyzed		08/11/2016	08/11/2016	08/11/2016		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	MDL	PQL	Results	Results	Results	
Lead	2.5	5.0	99.6	101	90.3	





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### QUALITY CONTROL RESULTS

#### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

#### Site

Rowan Ave ES  
600 S. Rowan Avenue  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 11

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C5; Dup or Spiked Sample: 83955.01; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	106	50.0	150	88.0	50.0	149	86.0	2.30	75-125	<15

QC Batch No: 0810162C5; Dup or Spiked Sample: 83955.01; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	55.1	110	50.0	55.5	111	<1	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

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#### Site

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600 S. Rowan Avenue  
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Telephone: (626)440-6161

Attn: Shala Craig

Page: 12

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C6; Dup or Spiked Sample: 83955.11; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	23.1	50.0	70.6	95.0	50.0	72.8	99.4	4.53	75-125	<15

QC Batch No: 0810162C6; Dup or Spiked Sample: 83955.11; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	53.9	108	50.0	53.2	106	1.87	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

Parsons  
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Pasadena, CA 91124-

#### Site

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600 S. Rowan Avenue  
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Telephone: (626)440-6161

Attn: Shala Craig

Page: 13

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
83955	08/10/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0810162C7; Dup or Spiked Sample: 83955.21; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	94.7	50.0	136	82.6	50.0	136	82.6	<1	75-125	<15

QC Batch No: 0810162C7; Dup or Spiked Sample: 83955.21; LCS: Clean Sand; QC Prepared: 08/10/2016; QC Analyzed: 08/11/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	54.0	108	50.0	53.9	108	<1	75-125	<15	



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### Data Qualifiers and Descriptors

#### ***Data Qualifier:***

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

#### ***Definition:***

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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### Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

---



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### Ordered By

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Pasadena, CA 91124-

Number of Pages 13  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626)440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
84014	08/11/2016	PARSNS

Project ID: 449646-01017  
Project Name: DTSC Exide Offsite Sampling  
Site: Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

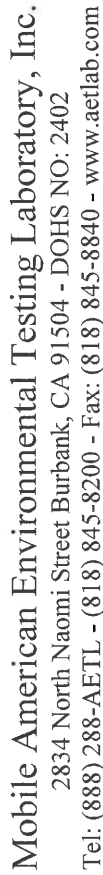
Enclosed please find results of analyses of 30 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By:

Approved By:

Cyrus Razmara, Ph.D.  
Laboratory Director





## CHAIN OF CUSTODY RECORD

[illegible]



Mobile American Environmental Testing Laboratory, Inc.  
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# CHAIN OF CUSTODY RECORD

84014

page 2 of 3

COMPANY		Parsons		PHONE		626-440-6161	
PROJECT MANAGER		Shala Craig		FAX		626-440-2993	
PROJECT NAME		DTSC Exide Offsite Sampling		PROJECT #		449646-01017	
SITE NAME AND ADDRESS		Fishburn Ave ES 5701 Fishburn Ave, Maywood CA					
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES		
1	SCH-13-10-01	84014.15	SOIL	1	ICE		
2	SCH-13-10-03	84014.16	SOIL	1	ICE		
3	SCH-13-10-06	84014.17	SOIL	1	ICE		
4	SCH-13-11-01	84014.18	SOIL	1	ICE		
5	SCH-13-11-03	84014.19	SOIL	1	ICE		
6	SCH-13-11-06	84014.20	SOIL	1	ICE		
7	SCH-13-11-06D	84014.21	SOIL	1	ICE		
8	SCH-13-12-01	84014.22	SOIL	1	ICE		
9	SCH-13-12-03	84014.23	SOIL	1	ICE		
10	SCH-13-12-06	84014.24	SOIL	1	ICE		
11	SCH-13-13-01	84014.25	SOIL	1	ICE		
12	SCH-13-13-03	84014.26	SOIL	1	ICE		
13	SCH-13-13-06	84014.27	SOIL	1	ICE		
14							
SAMPLE RECEIPT - TO BE FILLED BY LABORATORY						RELINQUISHED BY:	
TOTAL NUMBER OF CONTAINERS		PROPERLY COOLED Y / N / NA		SIGNATURE: <i>Michael G. ...</i>		SIGNATURE:	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA		PRINTED NAME: <i>Michael G. ...</i>		PRINTED NAME:	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N		RECEIVED BY:		RECEIVED BY:	
TURN AROUND TIME				SIGNATURE:		SIGNATURE:	
O NORMAL		X RUSH		PRINTED NAME:		PRINTED NAME:	
				DATE / TIME:		DATE / TIME:	

ANALYSIS REQUESTED										COMMENTS	
Pb (6010B)	As,Cd,Cu,Sb,	Zn (6010B)									
X											
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# CHAIN OF CUSTODY RECORD

84014

page 3 of 3

COMPANY		Parsons		PHONE		626-440-6161	
PROJECT MANAGER		Shala Craig		FAX		626-440-2993	
PROJECT NAME		DTSC Exide Offsite Sampling		PROJECT #		449646-01017	
SITE NAME AND ADDRESS		Fishburn Ave ES 5701 Fishburn Ave, Maywood CA					
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES		
1	SCH-13-14-01	8/11/2016@ 1142	SOIL	1	ICE		
2	SCH-13-14-03	8/11/2016@ 1144	SOIL	1	ICE		
3	SCH-13-14-06	8/11/2016@ 1146	SOIL	1	ICE		
4	SCH-13-15-01	8/11/2016@	SOIL	1	ICE		
5	SCH-13-15-03	8/11/2016@	SOIL	1	ICE		
6	SCH-13-15-06	8/11/2016@	SOIL	1	ICE		
7							
8							
9							
10							
11							
12							
13							
14							
SAMPLE RECEIPT - TO BE FILLED BY LABORATORY						RELINQUISHED BY:	
TOTAL NUMBER OF CONTAINERS		PROPERLY COOLED Y / N / NA		RELINQUISHED BY:		RELINQUISHED BY:	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA		Signature: <i>Michael J. Lind</i>		Signature:	
RECEIVED IN GOOD COND. Y / N		SAMPLES ACCEPTED Y / N		Printed Name: <i>Michael J. Lind</i>		Printed Name:	
TURN AROUND TIME				RECEIVED BY:		RECEIVED BY:	
O NORMAL				Signature:		Signature: <i>ASL</i>	
X RUSH				Printed Name:		Printed Name: <i>Sean Clavette</i>	
				Date / Time:		Date / Time: <i>8/11/16 1715</i>	



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Page: 1 A

### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
84014	08/11/2016	PARSNS

### CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 30 samples with the following specification on 08/11/2016.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
84014.01	SCH-13-06-01	08/11/2016	Soil	1
84014.02	SCH-13-06-03	08/11/2016	Soil	1
84014.03	SCH-13-06-06	08/11/2016	Soil	1
84014.04	SCH-13-07-01	08/11/2016	Soil	1
84014.05	SCH-13-07-03	08/11/2016	Soil	1
84014.06	SCH-13-07-06	08/11/2016	Soil	1
84014.07	SCH-13-07-06D	08/11/2016	Soil	1
84014.08	SCH-13-08-01	08/11/2016	Soil	1
84014.09	SCH-13-08-03	08/11/2016	Soil	1
84014.10	SCH-13-08-06	08/11/2016	Soil	1
84014.11	SCH-13-09-01	08/11/2016	Soil	1
84014.12	SCH-13-09-03	08/11/2016	Soil	1
84014.13	SCH-13-09-03D	08/11/2016	Soil	1
84014.14	SCH-13-09-06	08/11/2016	Soil	1
84014.15	SCH-13-10-01	08/11/2016	Soil	1
84014.16	SCH-13-10-03	08/11/2016	Soil	1
84014.17	SCH-13-10-06	08/11/2016	Soil	1
84014.18	SCH-13-11-01	08/11/2016	Soil	1
84014.19	SCH-13-11-03	08/11/2016	Soil	1
84014.20	SCH-13-11-06	08/11/2016	Soil	1
84014.21	SCH-13-11-06D	08/11/2016	Soil	1
84014.22	SCH-13-12-01	08/11/2016	Soil	1
84014.23	SCH-13-12-03	08/11/2016	Soil	1
84014.24	SCH-13-12-06	08/11/2016	Soil	1

Continued



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Page: 1 B

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626) 440-6161

Attention: Shala Craig

Job Number	Order Date	Client
84014	08/11/2016	PARSNS

## CERTIFICATE OF ANALYSIS

### CASE NARRATIVE

84014.25	SCH-13-13-01	08/11/2016	Soil	1
84014.26	SCH-13-13-03	08/11/2016	Soil	1
84014.27	SCH-13-13-06	08/11/2016	Soil	1
84014.28	SCH-13-14-01	08/11/2016	Soil	1
84014.29	SCH-13-14-03	08/11/2016	Soil	1
84014.30	SCH-13-14-06	08/11/2016	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B.LEAD)	08/12/2016	2	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.  
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.  
Laboratory Director



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 2

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C7

Our Lab I.D.			Method Blank	84014.01	84014.02	84014.03	84014.04
Client Sample I.D.				SCH-13-06-01	SCH-13-06-03	SCH-13-06-06	SCH-13-07-01
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	20.3	13.6	16.1	24.6





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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Fishburn Ave. ES  
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Telephone: (626)440-6161

Attn: Shala Craig

Page: 3

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C7

Our Lab I.D.		84014.05	84014.06	84014.07	84014.08	84014.09
Client Sample I.D.		SCH-13-07-0 3	SCH-13-07-0 6	SCH-13-07-0 6D	SCH-13-08-0 1	SCH-13-08-0 3
Date Sampled		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared		08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	35.2	20.0	23.7	19.0



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### ANALYTICAL RESULTS

**Ordered By**

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**Site**

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Telephone: (626)440-6161

Attn: Shala Craig

Page: **4**

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C7

<b>Our Lab I.D.</b>		<b>84014.10</b>				
Client Sample I.D.		SCH-13-08-0 6				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/14/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	41.5			



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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 5

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C8

Our Lab I.D.			Method Blank	84014.11	84014.12	84014.13	84014.14
Client Sample I.D.				SCH-13-09-01	SCH-13-09-03	SCH-13-09-03D	SCH-13-09-06
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	17.1	14.4	14.9	36.7



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
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**Site**

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Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 6

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C8

Our Lab I.D.		84014.15	84014.16	84014.17	84014.18	84014.19
Client Sample I.D.		SCH-13-10-0 1	SCH-13-10-0 3	SCH-13-10-0 6	SCH-13-11-0 1	SCH-13-11-0 3
Date Sampled		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared		08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	25.1	29.7	24.7	52.6

77.4



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### ANALYTICAL RESULTS

**Ordered By**

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**Site**

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Telephone: (626)440-6161

Attn: Shala Craig

Page: 7

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C8

<b>Our Lab I.D.</b>		<b>84014.20</b>				
Client Sample I.D.		SCH-13-11-0 6				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/14/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	76.7			



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 8

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C9

Our Lab I.D.			Method Blank	84014.21	84014.22	84014.23	84014.24
Client Sample I.D.				SCH-13-11-0 6D	SCH-13-12-0 1	SCH-13-12-0 3	SCH-13-12-0 6
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	76.3	64.6	74.1	70.7





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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 9

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C9

Our Lab I.D.		84014.25	84014.26	84014.27	84014.28	84014.29
Client Sample I.D.		SCH-13-13-0 1	SCH-13-13-0 3	SCH-13-13-0 6	SCH-13-14-0 1	SCH-13-14-0 3
Date Sampled		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared		08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/14/2016	08/14/2016	08/14/2016	08/14/2016	08/14/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	61.5	95.1	84.3	23.6



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 10

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C9

<b>Our Lab I.D.</b>		<b>84014.30</b>				
Client Sample I.D.		SCH-13-14-0 6				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/14/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	22.0			



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### QUALITY CONTROL RESULTS

#### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

#### Site

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 11

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C7; Dup or Spiked Sample: 84014.01; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	20.3	50.0	58.2	75.8	50.0	58.0	75.4	<1	75-125	<15

QC Batch No: 0812162C7; Dup or Spiked Sample: 84014.01; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	47.8	95.6	50.0	53.7	107	11.3	75-125	<15	



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### QUALITY CONTROL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 12

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C8; Dup or Spiked Sample: 84014.11; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	17.1	50.0	58.0	81.8	50.0	58.7	83.2	1.70	75-125	<15

QC Batch No: 0812162C8; Dup or Spiked Sample: 84014.11; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	52.4	105	50.0	53.0	106	<1	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

#### Site

Fishburn Ave. ES  
5701 Fishburn Ave.  
Maywood, CA 90270

Telephone: (626)440-6161

Attn: Shala Craig

Page: 13

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84014	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C9; Dup or Spiked Sample: 84014.21; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	76.3	50.0	125	97.4	50.0	125	97.4	<1	75-125	<15

QC Batch No: 0812162C9; Dup or Spiked Sample: 84014.21; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/14/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	53.8	108	50.0	53.4	107	<1	75-125	<15	



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### Data Qualifiers and Descriptors

#### ***Data Qualifier:***

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

#### ***Definition:***

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.





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### Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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### Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Number of Pages 13  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626)440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
84012	08/11/2016	PARSNS

Project ID: 449646-01017  
Project Name: DTSC Exide Offsite Sampling  
Site: Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Enclosed please find results of analyses of 30 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By:

Approved By:

Cyrus Razmara, Ph.D.  
Laboratory Director



Mobile American Environmental Testing Laboratory, Inc.  
2834 North Naomi Street Burbank, CA 91504 - DOHS NO: 2402  
Tel: (888) 288-AETL - (818) 845-8200 - Fax: (818) 845-8840 - www.aetlab.com

# CHAIN OF CUSTODY RECORD

840/2 page 1 of 3

COMPANY		Parsons		PHONE	626-440-6161		
PROJECT MANAGER		Shala Craig		FAX	626-440-2993		
PROJECT NAME		DTSC Exide Offsite Sampling		PROJECT #	449646-01017		
SITE NAME AND ADDRESS		Eastman Ave ES 4112 E Olympic Blvd, LA					
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES	ANALYSIS REQUESTED	COMMENTS
1	SCH-11-06-01	8/11/2016@ 0635	SOIL	1	ICE	Pb (6010B) As, Cd, Cu, Sb, Zn (6010B)	
2	SCH-11-06-03	8/11/2016@ 0640	SOIL	1	ICE		
3	SCH-11-06-06	8/11/2016@ 0645	SOIL	1	ICE		
4	SCH-11-07-01	8/11/2016@ 0646	SOIL	1	ICE		
5	SCH-11-07-03	8/11/2016@ 0650	SOIL	1	ICE		H = hold
6	SCH-11-07-06	8/11/2016@ 0652	SOIL	1	ICE		
7	SCH-11-07-06D	8/11/2016@ 0652	SOIL	1	ICE		
8	SCH-11-08-01	8/11/2016@ 0659	SOIL	1	ICE		
9	SCH-11-08-03	8/11/2016@ 0700	SOIL	1	ICE		
10	SCH-11-08-06	8/11/2016@ 0701	SOIL	1	ICE		
11	SCH-11-09-01	8/11/2016@ 0706	SOIL	1	ICE		
12	SCH-11-09-03	8/11/2016@ 0707	SOIL	1	ICE		
13	SCH-11-09-03D	8/11/2016@ 0707	SOIL	1	ICE		
14	SCH-11-09-06	8/11/2016@ 0708	SOIL	1	ICE		
SAMPLE RECEIPT - TO BE FILLED BY LABORATORY							RELINQUISHED BY:
TOTAL NUMBER OF CONTAINERS		14	PROPERLY COOLED	Y/N/NA	Signature: <i>Michael G. King</i>		
CUSTODY SEALS		Y(N)/NA	SAMPLES INTACT	Y/N/NA	Printed Name: <i>Michael G. King</i>		
RECEIVED IN GOOD COND.		Y/N	SAMPLES ACCEPTED	Y/N	RECEIVED BY: <i>Michael G. King</i>		
TURN AROUND TIME		Signature: <i>Michael G. King</i>					
O NORMAL		Printed Name: <i>Michael G. King</i>					
X RUSH		Date / Time: <i>8/11/16 1315</i>					



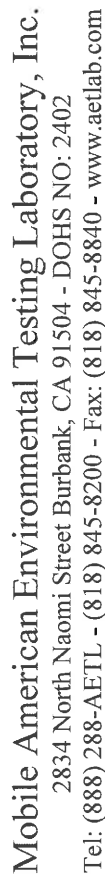
Mobile American Environmental Testing Laboratory, Inc.  
2834 North Naomi Street Burbank, CA 91504 - DOHS NO: 2402  
Tel: (888) 288-AETL - (818) 845-8200 - Fax: (818) 845-8840 - www.aetlab.com

# CHAIN OF CUSTODY RECORD

84012

page 2 of 3

COMPANY Parsons		PHONE 626-440-6161
PROJECT MANAGER Shala Craig		FAX 626-440-2993
PROJECT NAME DTSC Exide Offsite Sampling		PROJECT # 449646-01017
SITE NAME AND ADDRESS		
SAMPLE ID	LAB ID	DATE / TIME
1 SCH-11-10-01	84012.15	8/11/2016@ 0912
2 SCH-11-10-03	84012.16	8/11/2016@ 0914
3 SCH-11-10-06	84012.17	8/11/2016@ 0915
4 SCH-11-11-01	84012.18	8/11/2016@ 0917
5 SCH-11-11-03	84012.19	8/11/2016@ 0919
6 SCH-11-11-06	84012.20	8/11/2016@ 0920
7 SCH-11-11-06D	84012.21	8/11/2016@ 0920
8 SCH-11-12-01	84012.22	8/11/2016@ 0926
9 SCH-11-12-03	84012.23	8/11/2016@ 0929
10 SCH-11-12-06	84012.24	8/11/2016@ 0930
11 SCH-11-13-01	84012.25	8/11/2016@ 0937
12 SCH-11-13-03	84012.26	8/11/2016@ 0936
13 SCH-11-13-06	84012.27	8/11/2016@ 0939
14		
CONTAINER NUMBER/ SIZE		
PRES		
MATRIX		
DATE / TIME		
LAB ID		
SAMPLE ID		
SCHEDULE		
ANALYSIS REQUESTED		
COMMENTS		
Pb (6010B)		
As, Cd, Cu, Sb, Zn (6010B)		
H = hold		
RELINQUISHED BY:		
SAMPLER:		
Signature:		
Printed Name:		
RECEIVED BY:		
Signature:		
Printed Name:		
Date / Time:		
TURN AROUND TIME		
X RUSH 1 DAY		
O NORMAL		



## CHAIN OF CUSTODY RECORD

COMPANY Parsons		PHONE 626-440-6161		page 3 of 3	
PROJECT MANAGER Shala Craig		FAX 626-440-2993		ANALYSIS REQUESTED	
PROJECT NAME DTSC Exide Offsite Sampling		PROJECT # 449646-01017		COMMENTS	
SITE NAME AND ADDRESS Eastman Ave ES 4112 E Olympic Blvd, LA					
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES
SCH-11-14-01	840228	8/11/2016@ 0949	SOIL	1	ICE
SCH-11-14-03	840229	8/11/2016@ 0951	SOIL	1	ICE
SCH-11-14-06	840230	8/11/2016@ 0952	SOIL	1	ICE
SCH-11-15-01		8/11/2016@	SOIL	1	ICE
SCH-11-15-03		8/11/2016@	SOIL	1	ICE
SCH-11-15-06		8/11/2016@	SOIL	1	ICE
7					
8					
9					
10					
11					
12					
13					
14					
SAMPLE RECEIPT - TO BE FILLED BY LABORATORY					
TOTAL NUMBER OF CONTAINERS 3		RELINQUISHED BY: Signature: M. Michael			
CUSTODY SEALS Y/N/NA Y/N/NA		RELINQUISHED BY: Signature: M. Michael			
RECEIVED IN GOOD COND. Y/N Y/N		RELINQUISHED BY: Signature: M. Michael			
TURN AROUND TIME		RELINQUISHED BY: Signature: M. Michael			
X RUSH		RELINQUISHED BY: Signature: M. Michael			
O NORMAL		RELINQUISHED BY: Signature: M. Michael			



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Page: 1 A

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
84012	08/11/2016	PARSNS

## CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 30 samples with the following specification on 08/11/2016.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
84012.01	SCH-11-06-01	08/11/2016	Soil	1
84012.02	SCH-11-06-03	08/11/2016	Soil	1
84012.03	SCH-11-06-06	08/11/2016	Soil	1
84012.04	SCH-11-07-01	08/11/2016	Soil	1
84012.05	SCH-11-07-03	08/11/2016	Soil	1
84012.06	SCH-11-07-06	08/11/2016	Soil	1
84012.07	SCH-11-07-06D	08/11/2016	Soil	1
84012.08	SCH-11-08-01	08/11/2016	Soil	1
84012.09	SCH-11-08-03	08/11/2016	Soil	1
84012.10	SCH-11-08-06	08/11/2016	Soil	1
84012.11	SCH-11-09-01	08/11/2016	Soil	1
84012.12	SCH-11-09-03	08/11/2016	Soil	1
84012.13	SCH-11-09-03D	08/11/2016	Soil	1
84012.14	SCH-11-09-06	08/11/2016	Soil	1
84012.15	SCH-11-10-01	08/11/2016	Soil	1
84012.16	SCH-11-10-03	08/11/2016	Soil	1
84012.17	SCH-11-10-06	08/11/2016	Soil	1
84012.18	SCH-11-11-01	08/11/2016	Soil	1
84012.19	SCH-11-11-03	08/11/2016	Soil	1
84012.20	SCH-11-11-06	08/11/2016	Soil	1
84012.21	SCH-11-11-06D	08/11/2016	Soil	1
84012.22	SCH-11-12-01	08/11/2016	Soil	1
84012.23	SCH-11-12-03	08/11/2016	Soil	1
84012.24	SCH-11-12-06	08/11/2016	Soil	1

Continued



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Page: 1 B

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626) 440-6161

Attention: Shala Craig

Job Number	Order Date	Client
84012	08/11/2016	PARSNS

## CERTIFICATE OF ANALYSIS

### CASE NARRATIVE

84012.25	SCH-11-13-01	08/11/2016	Soil	1
84012.26	SCH-11-13-03	08/11/2016	Soil	1
84012.27	SCH-11-13-06	08/11/2016	Soil	1
84012.28	SCH-11-14-01	08/11/2016	Soil	1
84012.29	SCH-11-14-03	08/11/2016	Soil	1
84012.30	SCH-11-14-06	08/11/2016	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B.LEAD)	08/12/2016	2	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.  
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.  
Laboratory Director





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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 2

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C2

Our Lab I.D.			Method Blank	84012.01	84012.02	84012.03	84012.04
Client Sample I.D.				SCH-11-06-01	SCH-11-06-03	SCH-11-06-06	SCH-11-07-01
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	69.8	97.8	86.5	71.5



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 3

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C2

Our Lab I.D.			84012.05	84012.06	84012.07	84012.08	84012.09
Client Sample I.D.			SCH-11-07-0 3	SCH-11-07-0 6	SCH-11-07-0 6D	SCH-11-08-0 1	SCH-11-08-0 3
Date Sampled			08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	80.6	57.5	58.3	67.8	48.4



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: **4**

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C2

<b>Our Lab I.D.</b>		<b>84012.10</b>				
Client Sample I.D.		SCH-11-08-06				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/13/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	47.6			



## American Environmental Testing Laboratory Inc.

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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 5

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C3

Our Lab I.D.			Method Blank	84012.11	84012.12	84012.13	84012.14
Client Sample I.D.				SCH-11-09-01	SCH-11-09-03	SCH-11-09-03D	SCH-11-09-06
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	65.2	52.5	57.3	63.6



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### ANALYTICAL RESULTS

**Ordered By**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

**Site**

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 6

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C3

Our Lab I.D.		84012.15	84012.16	84012.17	84012.18	84012.19
Client Sample I.D.		SCH-11-10-0 1	SCH-11-10-0 3	SCH-11-10-0 6	SCH-11-11-0 1	SCH-11-11-0 3
Date Sampled		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared		08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	53.3	56.2	38.7	42.1



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### ANALYTICAL RESULTS

#### Ordered By

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Pasadena, CA 91124-

#### Site

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4112 E Olympic Blvd.  
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Telephone: (626)440-6161

Attn: Shala Craig

Page: 7

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C3

Our Lab I.D.		84012.20				
Client Sample I.D.		SCH-11-11-0 6				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/13/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
Analytes	MDL	PQL	Results			
Lead	2.5	5.0	14.5			



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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Eastman Ave. ES  
4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 8

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C4

Our Lab I.D.			Method Blank	84012.21	84012.22	84012.23	84012.24
Client Sample I.D.				SCH-11-11-0 6D	SCH-11-12-0 1	SCH-11-12-0 3	SCH-11-12-0 6
Date Sampled				08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared			08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Lead	2.5	5.0	ND	13.7	39.3	24.8	18.8



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Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C4

Our Lab I.D.		84012.25	84012.26	84012.27	84012.28	84012.29
Client Sample I.D.		SCH-11-13-0 1	SCH-11-13-0 3	SCH-11-13-0 6	SCH-11-14-0 1	SCH-11-14-0 3
Date Sampled		08/11/2016	08/11/2016	08/11/2016	08/11/2016	08/11/2016
Date Prepared		08/12/2016	08/12/2016	08/12/2016	08/12/2016	08/12/2016
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		08/13/2016	08/13/2016	08/13/2016	08/13/2016	08/13/2016
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Lead	2.5	5.0	39.9	27.0	12.1	65.7

58.0





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Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C4

<b>Our Lab I.D.</b>		<b>84012.30</b>				
Client Sample I.D.		SCH-11-14-0 6				
Date Sampled		08/11/2016				
Date Prepared		08/12/2016				
Preparation Method		3050B				
Date Analyzed		08/13/2016				
Matrix		Soil				
Units		mg/Kg				
Dilution Factor		1				
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>			
Lead	2.5	5.0	31.6			



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### QUALITY CONTROL RESULTS

#### Ordered By

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#### Site

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Attn: Shala Craig

Page: 11

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C2; Dup or Spiked Sample: 84012.01; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	69.8	50.0	111	82.4	50.0	110	80.4	2.46	75-125	<15

QC Batch No: 0812162C2; Dup or Spiked Sample: 84012.01; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	51.6	103	50.0	51.2	102	<1	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

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100 West Walnut Street  
Pasadena, CA 91124-

#### Site

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4112 E Olympic Blvd.  
Los Angeles, CA 90023

Telephone: (626)440-6161

Attn: Shala Craig

Page: 12

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C3; Dup or Spiked Sample: 84012.11; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	65.2	50.0	117	104	50.0	115	99.6	4.32	75-125	<15

QC Batch No: 0812162C3; Dup or Spiked Sample: 84012.11; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	50.2	100	50.0	50.6	101	<1	75-125	<15	



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### QUALITY CONTROL RESULTS

#### Ordered By

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#### Site

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Telephone: (626)440-6161

Attn: Shala Craig

Page: 13

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84012	08/11/2016	PARSNS

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0812162C4; Dup or Spiked Sample: 84012.21; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	13.7	50.0	54.3	81.2	50.0	52.7	78.0	4.02	75-125	<15

QC Batch No: 0812162C4; Dup or Spiked Sample: 84012.21; LCS: Clean Sand; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	47.8	95.6	50.0	46.8	93.6	2.11	75-125	<15	



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### Data Qualifiers and Descriptors

#### ***Data Qualifier:***

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

#### ***Definition:***

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



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### Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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### Ordered By

Parsons  
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Telephone: (626) 440-6161  
Attention: Shala Craig

Number of Pages 2

Date Received 08/11/2016

Date Reported 08/15/2016

Job Number	Order Date	Client
84013	08/11/2016	PARSNS

Project ID: 449646-01017  
Project Name: DTSC Exide Offsite Sampling  
Site: Schools

Enclosed please find results of analyses of 1 water sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: \_\_\_\_\_

Approved By: \_\_\_\_\_

Cyrus Razmara, Ph.D.  
Laboratory Director



Mobile American Environmental Testing Laboratory, Inc.  
2834 North Naomi Street Burbank, CA 91504 - DOHS NO: 2402  
Tel: (888) 288-AETL - (818) 845-8200 - Fax: (818) 845-8840 - www.aetlab.com

# CHAIN OF CUSTODY RECORD

84013

page 1 of 1

COMPANY		Parsons		PHONE		626-440-6161		
PROJECT MANAGER		Shala Craig		FAX		626-440-2993		
PROJECT NAME		DTSC Exide Offsite Sampling		PROJECT #		01013-01		
SITE NAME AND ADDRESS		Various M6 Schools						
SAMPLE ID	LAB ID	DATE / TIME	MATRIX	CONTAINER NUMBER/ SIZE	PRES	ANALYSIS REQUESTED		COMMENTS
1	EB-SCH-13-08m6	8/11/16 @ 1155	water	1		Pb (6010B)		
2						As, Cd, Cu, Sb, Zn (6010B)		
3						SLTC		
4						TCLP		
5								
6								H = hold
7								
8								If Pb>50, run SLTC
9								If Pb>100, run TCLP
10								If Pb>1,000, run TCLP only
11								
12								
13								
14								
15								

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY				RELINQUISHED BY:		RELINQUISHED BY:	
TOTAL NUMBER OF CONTAINERS	PROPERLY COOLED Y/N/NA	SAMPLES INTACT Y/N/NA	SAMPLES ACCEPTED Y/N	SIGNATURE	PRINTED NAME	SIGNATURE	PRINTED NAME
1	Y	Y	Y	Michael	Michael		
CUSTODY SEALS	Y(N)/NA	Y(N)/NA	Y(N)/NA				
RECEIVED IN GOOD COND.	Y(N)	Y(N)	Y(N)				
TURN AROUND TIME				RECEIVED BY:		RECEIVED BY:	
				Signature:		Signature:	
				Printed Name:		Printed Name:	
				Date / Time:		Date / Time:	
X: NORMAL				O RUSH		1 Day	





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Page: 1 A

## Ordered By

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Project ID: 449646-01017  
Date Received 08/11/2016  
Date Reported 08/15/2016

Telephone: (626) 440-6161  
Attention: Shala Craig

Job Number	Order Date	Client
84013	08/11/2016	PARSNS

## CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 1 samples with the following specification on 08/11/2016.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
84013.01	EB-SCH-13-081116	08/11/2016	Aqueous	1
Method ^ Submethod	Req Date	Priority	TAT	Units
6010B.LEAD	08/12/2016	2	Rush	mg/L

The samples were analyzed as specified on the enclosed chain of custody.  
No analytical non-conformances were encountered.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.  
Laboratory Director



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### ANALYTICAL RESULTS

**Ordered By****Site**

Parsons  
100 West Walnut Street  
Pasadena, CA 91124-

Schools

Telephone: (626)440-6161

Attn: Shala Craig

Page: 2

Project ID: 449646-01017

Project Name: DTSC Exide Offsite Sampling

AETL Job Number	Submitted	Client
84013	08/11/2016	PARSNS

Method: 6010B.LEAD, Lead, ICP

QC Batch No: 0812162C1

Our Lab I.D.		Method Blank	84013.01			
Client Sample I.D.			EB-SCH-13-0 81116			
Date Sampled			08/11/2016			
Date Prepared		08/12/2016	08/12/2016			
Preparation Method		3005A	3005A			
Date Analyzed		08/13/2016	08/13/2016			
Matrix		Aqueous	Aqueous			
Units		mg/L	mg/L			
Dilution Factor		1	1			
<b>Analytes</b>	<b>MDL</b>	<b>PQL</b>	<b>Results</b>	<b>Results</b>		
Lead	0.05	0.10	ND	ND		

### QUALITY CONTROL REPORT

QC Batch No: 0812162C1; Dup or Spiked Sample: 84013.01; LCS: Clean Water; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/L

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	0.00	1.00	0.920	92.0	1.00	0.920	92.4	<1	75-125	<15

QC Batch No: 0812162C1; Dup or Spiked Sample: 84013.01; LCS: Clean Water; QC Prepared: 08/12/2016; QC Analyzed: 08/13/2016;  
Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	1.00	1.02	102	1.00	1.03	103	<1	75-125	<15	



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MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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