

# APPROVED

DEC 17 2020

## BOARD OF RECREATION AND PARK COMMISSIONERS

**BOARD REPORT**

**NO.** 20-234

**DATE** December 17, 2020

**C.D.** 14

### BOARD OF RECREATION AND PARK COMMISSIONERS

**SUBJECT:** RAMON GARCIA RECREATION CENTER – AUTHORIZATION TO SIGN ACCESS DOCUMENTS TO REMOVE CONTAMINATED SOIL - EXEMPTION FROM THE PROVISIONS OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PURSUANT TO ARTICLE 5, SECTION 15061(b)(3) [COMMON SENSE EXEMPTION] AND ARTICLE 19, SECTION 15307 [ACTIONS BY REGULATORY AGENCIES IN PROTECTION OF NATURAL RESOURCES], SECTION 15308 [ACTIONS BY REGULATORY AGENCIES IN PROTECTION OF THE ENVIRONMENT] AND SECTION 15330 [MINOR ACTIONS TO ELIMINATE OR ELIMINATE THE THREAT OF RELEASE OF HAZARDOUS SUBSTANCES] OF CALIFORNIA CEQA GUIDELINES

AP Diaz	_____	<i>for</i> *C. Santo Domingo	<i>DF</i>
H. Fujita	_____	N. Williams	_____
V. Israel	_____		

*M. Shue*  
\_\_\_\_\_

General Manager

Approved   X   Disapproved \_\_\_\_\_ Withdrawn \_\_\_\_\_

If Approved: Board President *Sylvia Patanucas* Board Secretary *H. Quinn*

### RECOMMENDATIONS

1. Authorize the Department of Recreation and Parks' (RAP) General Manager or designee to issue a Right of Entry permit for Ramon Garcia Recreation Center grounds to National Engineering and Consulting Group Inc. (NEC Group) as an authorized contractor of the California Department of Toxic Substances Control (DTSC), with the purpose of removing lead contaminated soil;
2. Authorize the RAP's General Manager or designee to sign the attached "Property Owner Consent for Access To Property" (Attachment A) form to authorize the DTSC and its authorized contractors and consultants to access Ramon Garcia Recreation Center grounds to remove lead contaminated soil;
3. Determine that the proposed Project, consisting of actions by regulatory agencies in protection of natural resources and of the environment and of minor actions to eliminate or eliminate the threat the threat of release of hazardous substances, is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article 5, Section 15061(b)(3) [Common sense exemption] and Article 19, Section 15307 [Actions by regulatory agencies in protection of natural resources], Section 15308 [Actions by

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regulatory agencies in protection of the environment] and Section 15330 [Minor actions to eliminate or eliminate the threat of release of hazardous substances] of California CEQA Guidelines and direct RAP staff to file a Notice of Exemption (NOE);

4. Authorize the RAP Chief Accounting Employee or designee to prepare a check to the Los Angeles County Clerk in the amount of Seventy-Five Dollars (\$75.00) for the purpose of filing an NOE; and,
5. Authorize RAP staff to make technical corrections as necessary to carry out the intent of this Report.

### BACKGROUND

Ramon Garcia Recreation Center is located at 1016 South Fresno Street in the Boyle Heights community of the City. This 6.49-acre facility provides a recreation center, ball diamonds, basketball court, children's play area, and picnic tables. An estimated 6,396 City residents live within a one-half mile walking distance of Ramon Garcia Recreation Center. Due to the facilities, features, programs, and services it provides, Ramon Garcia Recreation Center meets the standard for a Community Park as defined in the City's Public Recreation Plan.

Ramon Garcia Recreation Center is located in an area where soil is contaminated by the lead emissions of the Exide Technologies battery recycling plant (Exide). Exide, located at 2700 South Indiana Street, Vernon, CA, operated from 1981 to 2015 under a provisional permit, committing numerous violations of federal regulations<sup>1</sup>. Following local protests and regulatory agencies investigations, in 2015, Exide admitted to four felonies: illegal disposal, storage, shipment, and transportation of hazardous waste. The Department of Justice (DOJ) ordered Exide to close its activities in Vernon, dismantle the plant and provide funding for cleanup. Investigations by regulatory agencies found that the company had contaminated with lead the soil of 99% of the residences and structures in a 1.7 miles radius. Ramon Garcia Recreation Center is one of these structures. The company was ordered to provide funding for an extensive soil removal and replacement program, coordinated by the California Department of Toxic Substances Control (DTSC) and by the South Coast Air Quality Management District (SCAQMD).

In December of 2016, a preliminary investigation spearheaded by DTSC found that lead concentration in the soil in the western section of Ramon Garcia Recreation Center hovered near the California residential soil standard of 80 ppm (Attachment B). More recently, in October 2020, further investigation characterized the soil contamination with more detail (Attachment B). Lead concentrations are higher in the south west area of the park, where DTSC has determined that soil should be removed and replaced. They are not near the California residential soil standard in the baseball field, which is not included in the cleanup project.

DTSC has selected a contractor to remove the contaminated soil and is asking permission to access the property to proceed with the cleanup.

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<sup>1</sup> Johnston, J. E., & Hricko, A. (2017). Industrial Lead Poisoning in Los Angeles: Anatomy of a Public Health Failure. *Environmental justice (Print)*, 10 (5), 162–167. <https://doi.org/10.1089/env.2017.0019>

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### TECHNICAL CHARACTERISTICS OF THE PROJECT

DTSC selected National Engineering and Consulting Group Inc. (NEC Group) to clean up the areas contaminated by Exide's emissions. The process, approved by DTSC, consists in removing the contaminated soil and replacing it with clean soil. At Ramon Garcia Recreation Center, the contractor will excavate the existing soil only in the areas where the highest level of contamination have been detected. In the south west portion of the park, the contractor will excavate to a depth of 18", while in the north western area of the park, in the existing plant beds and in front of the recreation center, the excavation depth will be limited to 12". Within the drip line of the existing trees, the excavation will be restricted to a depth of 6" to protect the roots. A RAP arborist will be on site to oversee the process, in case the tree roots area is larger than expected.

The Project area will be fenced to protect the workers and the public. Air quality at the construction site will be monitored according to SCAQMD protocols.

Approximately 915 cubic yards of contaminated soil will be excavated and approximately 1,144 cubic yards of "clean" backfill will be transported to the site to replace the excavated contaminated soil. Excavations will be conducted using small construction equipment and/or hand dug. The contractor will place the contaminated soil in covered large bins and haul them away as soon as they are full. NEC Group will dispose any hazardous substances, pollutants and contaminants off-site at an approved disposal facility.

The contractor will restore landscaping and grass destroyed during removal actions and repair any damage to property caused by excavation activities.

The clean-up operation is expected to take about 6 weeks.

### TREES AND SHADE

The approval of these agreements will have no impact on existing trees or shade at Ramon Garcia Recreation Center.

### ENVIRONMENTAL IMPACT

The Department of Toxic Substances Control has determined with certainty that there is no possibility that the activities included in the proposed project would result in "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance." (Article 20, Sec. 15382 of California CEQA Guidelines) and has determined that the Project is exempt from the provisions of CEQA pursuant to the common sense exemption according to Article 5, Section Sec. 15061(b)(3) of California CEQA Guidelines (Attachment C). Furthermore, the proposed Project consists of actions by regulatory agencies in protection of natural resources and of the environment and of minor actions to eliminate or eliminate the threat the threat of release of hazardous substances. Therefore, RAP staff recommends that the Board of Recreation and Park Commissioners (Board) determines that it is

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exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Article 5, Section 15061(b)(3) and Article 19, Sections 15307, 15308 and 15330 of California CEQA Guidelines. RAP staff will file an NOE with the Los Angeles County Clerk upon the Board's approval.

### FISCAL IMPACT

The approval of this right of entry permit and consent will have no fiscal impact on RAP's General Fund.

This Board Report was prepared by Elena Maggioni, Environmental Specialist, Planning, Construction and Maintenance Branch.

### ATTACHMENTS

- Attachment A: California Department of Toxic Substances Control *Property Owner Consent for Access to Property*
- Attachment B: EFI Global, (2020) "*Exide Technologies Publicly Owned Properties Sampling And Design Project, Draft Final Property-Specific Excavation Plan – S0011*" Prepared for the California Department of Toxic Substances Control
- Attachment C: Department of Toxic Substances Control, California Environmental Quality Act - Notice of exemption



# Department of Toxic Substances Control

Meredith Williams, Ph.D., Director  
1001 "I" Street  
P.O. Box 806  
Sacramento, California 95812-0806



Gavin Newsom  
Governor

Jared Blumenfeld  
Secretary for  
Environmental Protection

## PROPERTY OWNER CONSENT FOR ACCESS TO PROPERTY

Property Address:

Street Address

City

State

Zip Code

Property Owner  
Name:

Mailing Address (if  
different than above):

Home Phone No.:

Cell Phone No.:

Email Address:

Identity Confirmation (check one):

Driver's License

California State Identification (ID) Card

Other (type): \_\_\_\_\_

I, the "Property Owner," by virtue of my ownership of the real property identified above, and any structures located on the real property (collectively referred to as the "Property), hereby grant continued access to the Property to the Department of Toxic Substances Control (DTSC), its officers, employees, and authorized representatives, including consultants and contractors, for any or all of the following activities related to DTSC's investigation and cleanup of lead contaminated soils in areas surrounding the former Exide Technologies facility located in Vernon, California:

- Remedial investigation, including but not limited to boring through soil; soil sampling, sampling of exterior paint on structures; and sampling of paint chips or flakes found at or on the Property.

- *Removal and Remedial Action, including but not limited to: removal of grass or other landscaping located above soils; soils movement and excavation; placement of soil/ground covering material; and any other activities necessary for remediation of hazardous substances from the Property.*
- *Restoration and monitoring work, including but not limited to backfilling excavated areas with clean soil; replacement of grass or other landscaping; cleaning activity such as sweeping or washing of exterior areas, and HEPA-filter vacuuming of floors and wiping of surfaces in buildings.*

I understand that DTSC needs to obtain access from the legal Property Owner prior to taking any action on the Property. I further understand and acknowledge that my signature below authorizes access to the Property as described in this agreement, and does not affect any other right I hold.

I acknowledge that all actions by DTSC are undertaken pursuant to its response and enforcement responsibilities under the Carpenter-Presley-Tanner Hazardous Substances Account Act, California Health and Safety Code section 25300 et seq. DTSC shall ensure that its officers, employees, authorized representatives, consultants, and contractors comply with applicable federal, state, and local laws.

I understand that DTSC will not charge me for costs incurred by DTSC or its consultants and contractors for any of the activities described in this agreement.

DTSC will protect the confidentiality of personal information provided on this access agreement to the extent authorized by law. Protected information may include the name(s) and telephone number of the property owner and of any other persons who reside at the Property. The property owner(s) acknowledges that DTSC may be required to obtain permits for certain activities authorized in this access agreement and that the permitting authority may require DTSC to provide the property owner’s name and contact information.

DTSC agrees to provide at least two (2) business days advance notice to the undersigned before beginning activities on the Property. DTSC will work with the property owner to coordinate mutually agreeable dates and times for all activities. DTSC agrees to make available to the property owner copies of analytical results and reports obtained from sampling taken on the Property.

I certify that I am the legal owner or authorized agent of the owner of the Property, indicated above, and that I have authority to grant such access. This written permission is given voluntarily, on behalf of myself and all other co-owners of this property, with knowledge of my right to refuse and without threats or promises of any kind. This access is effective on the date of my execution of this agreement, set forth below. This grant of Property access shall terminate upon DTSC’s completion of the activities described in this agreement.

\_\_\_\_\_  
Signature (Please sign in ink)

\_\_\_\_\_  
Date

Please mail this signed document to:

**Attention: DTSC – Exide Cleanup Team  
Department of Toxic Substances  
Control 8800 Cal Center Drive  
Sacramento, CA 95826**

*Questions? Please call 844-225-3887*

For DTSC use only:

APN: \_\_\_\_\_ PIA\_AREA: \_\_\_\_\_

5261 West Imperial Highway  
Los Angeles, California 90045

Tel (310) 854 - 6300

Fax (310) 854 - 0199

efiglobal.com

CSLB License No. 885902



## EXIDE TECHNOLOGIES PUBLICLY OWNED PROPERTIES SAMPLING AND DESIGN PROJECT

### DRAFT FINAL PROPERTY-SPECIFIC EXCAVATION PLAN – S0011

**Date:** October 30, 2020

**To:** Thomas Tse – Project Manager  
Department of Toxic Substances Control  
8800 Cal Center Drive  
Sacramento, CA 95826-3200

**Property ID:** S0011

**APN(s):** 5188024900

**Address:** 1016 South Fresno Street, Los Angeles, California 90023

EFI Global, Inc. has prepared this Property-Specific Excavation Plan for the above-referenced property as part of the Exide Technologies Publicly Owned Properties Sampling and Design Project. The performance of this Scope of Work has been authorized by the State of California Department of Toxic Substances Control (DTSC) in Agreement 18-T4505 and Amendment 1, and Work Order 1-505-1.0-DTSCNEWEXIDE. The work was performed in general accordance with the Exide Technologies Preliminary Investigation Area (PIA) Removal Action Plan (Cleanup Plan) (DTSC, July 2017), Amended Master Excavation, Disposal, and Restoration Design Plan (December 10, 2018), and additional DTSC guidance and requirements.

#### CONTENTS:

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- Table 2B – Pre-Construction Confirmation Sampling Table (DU-2)
- Table 3B – UCL Value Table (DU-2)
- Figure 2A – Pre-Excavation Confirmation Sample Locations
- Figure 2B – Excavation Plan
- Table 4A – Areas of Concern, Excavation Depths, and Volume (DU-1)
- Table 4B – Areas of Concern, Excavation Depths, and Volume (DU-2)
- Figure 3 – Staging Plan
- California Department of Public Health Lead Hazard Evaluation Report Forms (LHER; Form 8552)
- Laboratory Analytical Reports (Confirmation and Waste Profile Samples)
- Data Validation Memorandum (Confirmation Samples)
- ProUCL Outputs

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## DESIGN PLAN SUMMARY SHEET

### Confirmation and Waste Profile Sampling Date

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September 24, 2020

### Number of Decision Units

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2

### Confirmation Sample Locations

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DU-1: S0011-C01 through S0011-C08

DU-2: S0011-C09 through S0011-C16

### Confirmation Sample Analytical Suite

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Lead by EPA Method 6010B

### Waste Profile Sample Locations

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DU-1: Composite sample from locations S0011-C02, S0011-C03, S0011-C07, S0011-C08

DU-2: Composite sample from locations S0011-C10, S0011-C11, S0011-C13, S0011-C15

### Waste Profile Sample and Interval Analyzed

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DU-1: S0011-WC01-A1A2A3 (0-18 inch below grade depth interval)

DU-2: S0011-WC02-A1A2 (0-12 inch below grade depth interval)

### Waste Profile Analytical Suite

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Antimony, Arsenic, Cadmium, Copper, Lead, Zinc by EPA Method 6010B

Lead STLC by EPA Method WET/6010B

Lead TCLP by EPA Method 1311/6010B

Volatile Organic Compounds by EPA Method 8260B

Total Petroleum Hydrocarbons, Carbon Chain Analysis by EPA Method 8015B

### Waste Profile Results

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DU-1: See Pages 44 to 50 of Level II Laboratory Analytical Report

DU-2: See Pages 69 to 75 of Level II Laboratory Analytical Report

### Target Excavation Depth and Other Notes

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DU-1: Excavate to target depth of 18 inches below grade in all areas except where limited due to root zones, benching, utilities, or other access-restricted areas per the Amended Master Excavation, Disposal, and Restoration Design Plan.

DU-2: Excavate to target depth of 12 inches below grade in all areas except where limited due to root zones, benching, utilities, or other access-restricted areas per the Amended Master Excavation, Disposal, and Restoration Design Plan.

### Plan Certification

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Daniel Jablonski  
Assistant Project Manager



Shayan Simantob, PG  
Project Manager



## **Figures and Tables**



S0011-07	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	106
1-3	110
3-6	104
6-12	51.8
12-18	60.3 (58.0)

P0001-03	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	COMP
1-3	COMP
3-6	COMP
6-12	COMP
12-18	COMP

P0001-05	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	COMP
1-3	COMP
3-6	COMP
6-12	COMP
12-18	COMP

P0001-04	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	COMP
1-3	COMP
3-6	COMP
6-12	COMP
12-18	COMP

S0011-06	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	101
1-3	102
3-6	80.7
6-12	138
12-18	55.4

S0011-08	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	165
1-3	163
3-6	163
6-12	59.5
12-18	18.6

S0011-05	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	86.2
1-3	104
3-6	128
6-12	86 (99.2)
12-18	214

P0001-02	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	COMP
1-3	COMP
3-6	COMP
6-12	COMP
12-18	COMP

S0011-01	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	79.1
1-3	97.7 (88.9)
3-6	135
6-12	57.1
12-18	34.1

S0011-02	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	72
1-3	72.1
3-6	78.8
6-12	100
12-18	53.3

S0011-03	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	62.7 (60.8)
1-3	66.6
3-6	31.2
6-12	19.5
12-18	5.03

S0011-04	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	91.5
1-3	87.8
3-6	215
6-12	191
12-18	86.1

P0001-01	
DEPTH (IN BGS)	LEAD (MG/KG)
0-1	COMP
1-3	COMP
3-6	COMP
6-12	COMP
12-18	COMP

**LEGEND**

- ASSIGNED ASSESSOR'S PARCEL NUMBER BOUNDARY
- APPARENT FACILITY BOUNDARY
- PREVIOUS SAMPLING LOCATIONS ASSOCIATED WITH RAMON GARCIA RECREATION CENTER
- CURRENT SAMPLING LOCATIONS ASSOCIATED WITH FOUNDATION FOR EARLY CHILDHOOD

IMAGE SOURCE: MICROSOFT, CORP.  
ACCESS DATE: OCTOBER, 2016

**NOTES**

IF BOTH COMPOSITE AND DISCRETE RESULT AVAILABLE AT SAMPLE POINT, DISCRETE RESULTS PROVIDED IN THIS FIGURE.

DUPLICATE SAMPLE RESULTS IN PARENTHESIS.

IN BGS INCHES BELOW GROUND SURFACE  
MG/KG MILLIGRAMS PER KILOGRAM  
COMP COMPOSITE RESULT AVAILABLE ONLY; REFER TO TEXT.

IMAGE SOURCE: MICROSOFT, CORP.  
ACCESS DATE: OCTOBER, 2016

**SITE MAP**

**FOUNDATION FOR EARLY CHILDHOOD AT RAMON GARCIA RECREATION CENTER**  
1016 S. FRESNO ST.  
LOS ANGELES, CA 90023

**EFI Global**  
Engineering, Fire & Environmental Services

PN: 9801100114    FIGURE  
DT: 1/27/2017    1  
DB: JE    CB: SS

**Table 2A: Pre-Construction Confirmation Sampling Table (DU-1)**

Exide POPs Property ID: S0011  
1016 South Fresno Street, Los Angeles, California 90023

Location	Sample Date	Sample Depth (in bgs)	EPA Method 6010B
			Lead (mg/kg)
S0011-C01-12	9/24/2020	12	130 J
S0011-C01-18	9/24/2020	18	36 J
S0011-C02-12	9/24/2020	12	120 J
S0011-C02-18	9/24/2020	18	39 J
S0011-C03-12	9/24/2020	12	89 J
S0011-C03-18	9/24/2020	18	130 J
S0011-C04-12	9/24/2020	12	74 J
S0011-C04-18	9/24/2020	18	36 J
S0011-C05-12	9/24/2020	12	42 J
S0011-C05-18	9/24/2020	18	32 J
S0011-C06-12	9/24/2020	12	55 J
S0011-C06-12D	9/24/2020	12	52 J
S0011-C06-18	9/24/2020	18	45 J
S0011-C06-18D	9/24/2020	18	47 J
S0011-C07-12	9/24/2020	12	51 J
S0011-C07-18	9/24/2020	18	22 J
S0011-C08-12	9/24/2020	12	21 J
S0011-C08-18	9/24/2020	18	8.8 J

**Table 3A - UCL Value Table (DU-1)**

Exide POPs Property ID: S0011  
1016 South Fresno Street, Los Angeles, California 90023

Location	Sample Date	Sample Depth (in bgs)	EPA Method 6010B
			Lead (mg/kg)
S0011-C01-18	9/24/2020	18	36
S0011-C02-18	9/24/2020	18	39
S0011-C03-18	9/24/2020	18	130
S0011-C04-18	9/24/2020	18	36
S0011-C05-18	9/24/2020	18	32
S0011-C06-18D	9/24/2020	18	47
S0011-C07-18	9/24/2020	18	22
S0011-C08-18	9/24/2020	18	8.8
<b>Suggested UCL to Use</b>			<b>Lead UCL (mg/kg)</b>
95% Adjusted Gamma			89.36

**Abbreviations:**

D = duplicate sample

EPA = U. S. Environmental Protection Agency

in bgs= inches below ground surface

J = analyte was positively identified but the associated numerical value may not be consistent with the amount actually present. The data should be considered as a basis for decision making and are usable for many purposes.

mg/kg= milligram per kilogram

UCL =Upper Confidence Limit

**Table 2B: Pre-Construction Confirmation Sampling Table (DU-2)**

Exide POPs Property ID: S0011  
 1016 South Fresno Street, Los Angeles, California 90023

Location	Sample Date	Sample Depth (in bgs)	EPA Method 6010B
			Lead (mg/kg)
S0011-C09-12	9/24/2020	12	70
S0011-C09-18	9/24/2020	18	13
S0011-C10-12	9/24/2020	12	11
S0011-C10-18	9/24/2020	18	23
S0011-C11-12	9/24/2020	12	40
S0011-C11-18	9/24/2020	18	33 J
S0011-C11-18D	9/24/2020	18	17 J
S0011-C12-12	9/24/2020	12	16
S0011-C12-18	9/24/2020	18	5.3
S0011-C13-12	9/24/2020	12	2.7 J
S0011-C13-12D	9/24/2020	12	15 J
S0011-C13-18	9/24/2020	18	3.5
S0011-C14-12	9/24/2020	12	5.1
S0011-C14-18	9/24/2020	18	3.5
S0011-C15-12	9/24/2020	12	10
S0011-C15-18	9/24/2020	18	2.7
S0011-C16-12	9/24/2020	12	38
S0011-C16-18	9/24/2020	18	88

**Table 3B - UCL Value Table (DU-2)**

Exide POPs Property ID: S0011  
 1016 South Fresno Street, Los Angeles, California 90023

Location	Sample Date	Sample Depth (in bgs)	EPA Method 6010B
			Lead (mg/kg)
S0011-C09-12	9/24/2020	12	70
S0011-C10-12	9/24/2020	12	11
S0011-C11-12	9/24/2020	12	40
S0011-C12-12	9/24/2020	12	16
S0011-C13-12D	9/24/2020	12	15
S0011-C14-12	9/24/2020	12	5.1
S0011-C15-12	9/24/2020	12	10
S0011-C16-12	9/24/2020	12	38
<b>Suggested UCL to Use</b>			<b>Lead UCL (mg/kg)</b>
95% Student's-t			40.43

**Abbreviations:**

D = duplicate sample

EPA = U. S. Environmental Protection Agency

in bgs= inches below ground surface

J = analyte was positively identified but the associated numerical value may not be consistent with the amount actually present. The data should be considered as a basis for decision making and are usable for many purposes.

mg/kg= milligram per kilogram

UCL =Upper Confidence Limit



S0011-C06	DEPTH (in bgs)	LEAD (mg/kg)
	12"	52
	18"	45
	18"(D)	47

S0011-C08	DEPTH (in bgs)	LEAD (mg/kg)
	12"	21
	18"	8.8

S0011-C05	DEPTH (in bgs)	LEAD (mg/kg)
	12"	42
	18"	32

S0011-C02	DEPTH (in bgs)	LEAD (mg/kg)
	12"	120
	18"	39

S0011-C01	DEPTH (in bgs)	LEAD (mg/kg)
	12"	38
	18"	36

S0011-C03	DEPTH (in bgs)	LEAD (mg/kg)
	12"	130
	18"	36

S0011-C04	DEPTH (in bgs)	LEAD (mg/kg)
	12"	23
	18"	13

S0011-C09	DEPTH (in bgs)	LEAD (mg/kg)
	12"	13
	18"	13

S0011-C10	DEPTH (in bgs)	LEAD (mg/kg)
	12"	23
	18"	13

S0011-C11	DEPTH (in bgs)	LEAD (mg/kg)
	12"	5.3
	18"	3.5

S0011-C12	DEPTH (in bgs)	LEAD (mg/kg)
	12"	5.1
	18"	3.5

S0011-C13	DEPTH (in bgs)	LEAD (mg/kg)
	12"	10
	18"	2.7

S0011-C14	DEPTH (in bgs)	LEAD (mg/kg)
	12"	38
	18"	88

S0011-C15	DEPTH (in bgs)	LEAD (mg/kg)
	12"	10
	18"	2.7

S0011-C16	DEPTH (in bgs)	LEAD (mg/kg)
	12"	38
	18"	88

S0011-C17	DEPTH (in bgs)	LEAD (mg/kg)
	12"	13
	18"	13

S0011-C18	DEPTH (in bgs)	LEAD (mg/kg)
	12"	23
	18"	13

**LEGEND**

- DECISION UNIT 1 BOUNDARY
- DECISION UNIT 2 BOUNDARY
- SUBJECT STRUCTURE
- CONFIRMATION SAMPLE LOCATION

**NOTES**

- Data Qualities (if any) not shown; refer to data tables for full list of qualities.
- Where duplicate sample results are available, tabulated as additional row and designated with "(D)".
- in bgs - inches below ground surface
- mg/kg - milligrams per kilogram

**PROPERTY ID**  
S0011

**EXCAVATION CONFIRMATION SAMPLE LOCATION MAP**  
1016 S FRESNO ST  
LOS ANGELES, CA 90023  
APN: 5188024900

**FIGURE**  
2A

**APPROX. SCALE: 1"=50'**

**efi global**

**INFC**

**MADE SOURCE: LOCATION OF PROPERTY ACQUISITION, CONSTRUCTION, OR REUSE DATE: 04/15/2020**

**Version: 01/18/2020 | EXC-001 | EXCAVATION & LANDSCALE PLANS | AD10-16-2020 | EFN-NEC\_S0011**



**LEGEND**

- DECISION UNIT 1 BOUNDARY
- DECISION UNIT 2 BOUNDARY
- SUBJECT STRUCTURE
- APPROXIMATE TREE CANOPY ROOT ZONE EXTENT
- 3" VERTICAL, 6" LATERAL, 1:1 GRADE TO MAX DEPTH

**NOTES**

- Excavation depth in Decision Unit 1 was determined to be 18 inches based on the 95th Upper Confidence Limit (95UCL) for lead. Excavation depth in Decision Unit 2 was determined to be 12 inches based on the 95UCL for lead.
- Excavate 3" depth within 6" of all structures and hardscape, then slope excavation 1:1 to maximum depth of excavation (see Master Excavation, Disposal, and Restoration Design Plan).
- Excavate 6" under tree canopy (biological root zone) of trees.
- Excavate 6" under tree canopy (biological root zone) of trees, sidewalks, and hardscape within property.
- Shown dimensions are approximate and subject to change accordingly to field conditions.

**PROPOSED EXCAVATION PLAN**  
 1016 S FRESNO ST  
 LOS ANGELES, CA 90023  
 APN: 5188024900

**PROPERTY ID**  
 S0011

**FIGURE**  
 PN:045.03809  
 DT:1/01/2020  
 DE:HA, CBI,MT  
**2B**

**efi global**  
 Environmental Field Intelligence

**APPROX. SCALE: 1"=50'**

**Table 4A: Area of Concern, Excavation Depths and Volume (DU-1)**

Exide POPs Property ID: S0011

1016 South Fresno Street, Los Angeles, California 90023

Area of Concern/Excavation Area (Figure 2B)	Square Feet of Excavation Depth at 6 in bgs	Square Feet of Excavation Depth at 12 in bgs	Square Feet of Excavation Depth at 18 in bgs	Total Estimated Volume (cubic yards)
Front	3,144	0	11,292	686
Back <sup>1</sup>	0	0	0	0
<b>TOTAL</b>	3,144	0	11,292	686

Notes:

<sup>1</sup> Back area/yard not applicable

Abbreviations:

in bgs= inches below ground surface

**Table 4B: Area of Concern, Excavation Depths and Volume (DU-2)**

Exide POPs Property ID: S0011

1016 South Fresno Street, Los Angeles, California 90023

Area of Concern/Excavation Area (Figure 2B)	Square Feet of Excavation Depth at 6 in bgs	Square Feet of Excavation Depth at 12 in bgs	Square Feet of Excavation Depth at 18 in bgs	Total Estimated Volume (cubic yards)
Front	111	2,943	0	111
Back	196	3,094	0	118
<b>TOTAL</b>	307	6,037	0	229

Abbreviations:

in bgs= inches below ground surface



**California Department of Public Health  
Lead Hazard Evaluation Report Form (LHER; Form 8552)**

## LEAD HAZARD EVALUATION REPORT

**Section 1 — Date of Lead Hazard Evaluation** 09/24/2020

**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection   
  Risk assessment   
  Clearance Inspection   
  Other (specify) Sampled Soil Per DTSC Master Excavation Plan

**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
1016 S FRESNO ST		LOS ANGELES	LOS ANGELES	90023
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Don't Know	

**Section 4 — Owner of Structure (if business/agency, list contact person)**

Name		Telephone number		
CITY OF LOS ANGELES		UNKNOWN		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
221 N FIGUEROA ST SUITE 400		LOS ANGELES	CA	90012

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected   
  Intact lead-based paint detected   
  Deteriorated lead-based paint detected  
 No lead hazards detected   
  Lead-contaminated dust found   
  Lead-contaminated soil found   
  Other Lead in Soil Detected

**Section 6 — Individual Conducting Lead Hazard Evaluation**

Name		Telephone number		
Elijah Ortenberg		310-854-6300		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
5261 West Imperial HWY		Los Angeles	CA	90045
CDPH certification number	Signature		Date	
LRC-00003981			10/05/2020	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

**Jacob Ramos (LRC-00002352)**

**Section 7 — Attachments**

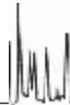
- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
 California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

S0011

**Laboratory Analytical Report  
(Confirmation and Waste Profile Samples)**



Date of Report: 10/22/2020

Daniel Jablonski

EFI Global, Inc.

5261 West Imperial Highway  
Los Angeles, CA 90045

Client Project: 45.03809 (S0011)  
BCL Project: Exide POPs Sampling and Property Plan Contract  
BCL Work Order: 2028128  
Invoice ID: B393696, B395680

Enclosed are the results of analyses for samples received by the laboratory on 9/25/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001079856

Sincerely,

Contact Person: Natalie Serda  
Client Service Rep

Stuart Buttram  
Technical Director

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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### Sample Results

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<b>2028128-02 - S0011-C01-18</b>	
Total Concentrations (TTLIC).....	27
<b>2028128-03 - S0011-C02-12</b>	
Total Concentrations (TTLIC).....	28
<b>2028128-04 - S0011-C02-18</b>	
Total Concentrations (TTLIC).....	29
<b>2028128-05 - S0011-C03-12</b>	
Total Concentrations (TTLIC).....	30
<b>2028128-06 - S0011-C03-18</b>	
Total Concentrations (TTLIC).....	31
<b>2028128-07 - S0011-C04-12</b>	
Total Concentrations (TTLIC).....	32
<b>2028128-08 - S0011-C04-18</b>	
Total Concentrations (TTLIC).....	33
<b>2028128-09 - S0011-C05-12</b>	
Total Concentrations (TTLIC).....	34
<b>2028128-10 - S0011-C05-18</b>	
Total Concentrations (TTLIC).....	35
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<b>2028128-12 - S0011-C06-12D</b>	
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<b>2028128-13 - S0011-C06-18</b>	
Total Concentrations (TTLIC).....	38
<b>2028128-14 - S0011-C06-18D</b>	
Total Concentrations (TTLIC).....	39
<b>2028128-15 - S0011-C07-12</b>	
Total Concentrations (TTLIC).....	40
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Total Concentrations (TTLIC).....	41
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Total Concentrations (TTLIC).....	42
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<b>2028128-29 - S0011-C11-18</b>	
Total Concentrations (TTLIC).....	56
<b>2028128-30 - S0011-C11-18D</b>	
Total Concentrations (TTLIC).....	57
<b>2028128-31 - S0011-C12-12</b>	
Total Concentrations (TTLIC).....	58
<b>2028128-32 - S0011-C12-18</b>	
Total Concentrations (TTLIC).....	59
<b>2028128-33 - S0011-C13-12</b>	
Total Concentrations (TTLIC).....	60
<b>2028128-34 - S0011-C13-12D</b>	
Total Concentrations (TTLIC).....	61
<b>2028128-35 - S0011-C13-18</b>	
Total Concentrations (TTLIC).....	62
<b>2028128-36 - S0011-C14-12</b>	
Total Concentrations (TTLIC).....	63
<b>2028128-37 - S0011-C14-18</b>	
Total Concentrations (TTLIC).....	64
<b>2028128-38 - S0011-C15-12</b>	
Total Concentrations (TTLIC).....	65
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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

## Case Narrative

### Sample Receipt

COC Number:

Samples received refrigerated to 28.9 °C



EFI Global, Inc.  
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Los Angeles, CA 90045

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**Project Manager:** Daniel Jablonski

### Case Narrative

### Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2028128-01	09/24/2020 13:45	S0011-C01-12
2028128-02	09/24/2020 13:48	S0011-C01-18
2028128-03	09/24/2020 14:59	S0011-C02-12
2028128-04	09/24/2020 15:02	S0011-C02-18
2028128-05	09/24/2020 14:45	S0011-C03-12
2028128-06	09/24/2020 14:48	S0011-C03-18
2028128-07	09/24/2020 14:30	S0011-C04-12
2028128-08	09/24/2020 14:33	S0011-C04-18
2028128-09	09/24/2020 13:52	S0011-C05-12
2028128-10	09/24/2020 13:55	S0011-C05-18
2028128-11	09/24/2020 13:37	S0011-C06-12
2028128-12	09/24/2020 13:37	S0011-C06-12D
2028128-13	09/24/2020 13:40	S0011-C06-18
2028128-14	09/24/2020 13:40	S0011-C06-18D
2028128-15	09/24/2020 14:20	S0011-C07-12
2028128-16	09/24/2020 14:23	S0011-C07-18
2028128-17	09/24/2020 13:27	S0011-C08-12
2028128-18	09/24/2020 13:30	S0011-C08-18
2028128-19	09/24/2020 15:30	S0011-WC01-A1
2028128-20	09/24/2020 15:35	S0011-WC01-A2
2028128-21	09/24/2020 15:40	S0011-WC01-A3
2028128-22	09/24/2020 15:45	S0011-WC01-A1A2
2028128-23	09/24/2020 15:50	S0011-WC01-A1A2A3
2028128-24	09/24/2020 09:10	S0011-C09-12
2028128-25	09/24/2020 09:13	S0011-C09-18
2028128-26	09/24/2020 09:00	S0011-C10-12
2028128-27	09/24/2020 09:03	S0011-C10-18
2028128-28	09/24/2020 11:18	S0011-C11-12
2028128-29	09/24/2020 11:21	S0011-C11-18
2028128-30	09/24/2020 11:21	S0011-C11-18D
2028128-31	09/24/2020 11:08	S0011-C12-12
2028128-32	09/24/2020 11:11	S0011-C12-18
2028128-33	09/24/2020 10:57	S0011-C13-12
2028128-34	09/24/2020 10:57	S0011-C13-12D
2028128-35	09/24/2020 11:00	S0011-C13-18
2028128-36	09/24/2020 10:17	S0011-C14-12
2028128-37	09/24/2020 10:20	S0011-C14-18
2028128-38	09/24/2020 09:50	S0011-C15-12
2028128-39	09/24/2020 09:53	S0011-C15-18
2028128-40	09/24/2020 09:30	S0011-C16-12
2028128-41	09/24/2020 09:33	S0011-C16-18
2028128-42	09/24/2020 11:45	S0011-WC02-A1

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**Project Manager:** Daniel Jablonski

### Case Narrative

### Sample List

<u>Lab Number</u>	<u>Date/Time Sampled</u>	<u>Sample Name</u>
2028128-43	09/24/2020 11:50	S0011-WC02-A2
2028128-44	09/24/2020 11:55	S0011-WC02-A3
2028128-45	09/24/2020 12:00	S0011-WC02-A1A2
2028128-46	09/24/2020 12:05	S0011-WC02-A1A2A3

### Requested Analysis

EPA-6010B (STLC), EPA-6010B (TCLP), EPA-6010B (TTLC), EPA-8015B, EPA-8260B

<u>Sample</u>	<u>Analyte</u>	<u>Flag</u>
<b>Sample Qualifier Summary</b>		
2028128-23	EPA-8015B	TPH - Diesel (C13 - C22) A52
2028128-23	EPA-8015B	TPH - Motor Oil (C23 - C36) A57
2028128-45	EPA-8015B	TPH - Diesel (C13 - C22) A52
2028128-45	EPA-8015B	TPH - Motor Oil (C23 - C36) A57

### Holding Times

All holding time requirements were met.

### Method Blanks

There were no detections in the Method Blank(s).

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Los Angeles, CA 90045

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### Case Narrative

<u>Sample</u>		<u>Analyte</u>	<u>Flag</u>
<b>Matrix Spikes</b>			
B088624-DUP1	EPA-6010B (TTLIC)	Lead	A02
B088624-MSD1	EPA-6010B (TTLIC)	Lead	Q03
B089244-MS1	EPA-8260B	Benzene	Q03
B089244-MS1	EPA-8260B	Bromodichloromethane	Q03
B089244-MS1	EPA-8260B	Chlorobenzene	Q03
B089244-MS1	EPA-8260B	Chloroethane	Q03
B089244-MS1	EPA-8260B	1,4-Dichlorobenzene	Q03
B089244-MS1	EPA-8260B	1,1-Dichloroethane	Q03
B089244-MS1	EPA-8260B	1,1-Dichloroethene	Q03
B089244-MS1	EPA-8260B	Toluene	Q03
B089244-MS1	EPA-8260B	Trichloroethene	Q03
B089244-MSD1	EPA-8260B	Benzene	Q02
B089244-MSD1	EPA-8260B	Benzene	Q03
B089244-MSD1	EPA-8260B	Bromodichloromethane	Q02
B089244-MSD1	EPA-8260B	Bromodichloromethane	Q03
B089244-MSD1	EPA-8260B	Chlorobenzene	Q02
B089244-MSD1	EPA-8260B	Chlorobenzene	Q03
B089244-MSD1	EPA-8260B	Chloroethane	Q02
B089244-MSD1	EPA-8260B	Chloroethane	Q03
B089244-MSD1	EPA-8260B	1,4-Dichlorobenzene	Q03
B089244-MSD1	EPA-8260B	1,1-Dichloroethane	Q02
B089244-MSD1	EPA-8260B	1,1-Dichloroethane	Q03
B089244-MSD1	EPA-8260B	1,1-Dichloroethene	Q02
B089244-MSD1	EPA-8260B	1,1-Dichloroethene	Q03
B089244-MSD1	EPA-8260B	Toluene	Q02
B089244-MSD1	EPA-8260B	Toluene	Q03
B089244-MSD1	EPA-8260B	Trichloroethene	Q02
B089244-MSD1	EPA-8260B	Trichloroethene	Q03
B089411-MS1	EPA-8015B	TPH - Diesel (C13 - C22)	Q03

### LCS

The LCS recoveries are within QC limits.

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

## Case Narrative

### Discussion

Per client request on 10/7/20, run the following on 2028128-23 S0011-WC01-A1A2A3 & 2028128-45 S0011-WC02-A1A2:

6 Metals (antimony, arsenic, lead, zinc, copper and cadmium) using EPA Method 6010B  
TPH carbon chain (reported as TPH-gas, TPH-diesel, and TPH-oil) using EPA Method 8015B  
STLC Lead and TCLP Lead using EPA Method 6010B  
VOCs using EPA Method 8260B

### Summary of Flags

A02	The difference between duplicate readings is less than the quantitation limit.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.







# Laboratories, Inc.

Environmental Testing Laboratory Since 1949

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2

Submission #: 70-28128

SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S
---	--	--	--	--

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received  YES  NO Emissivity: 0.97 Container: degas Thermometer ID: 208 Date/Time: 9/25 1810  
 Temperature: (A) 28.8 °C / (C) 28.9 °C Analyst Init: VP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.L/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

CHK BY: [Signature]  
 DISTRIBUTION: [Signature]  
 SUB OUT:

Comments: \_\_\_\_\_ Date/Time: 9/25 2051 Rev 21 06/23/2016

Sample Numbering Completed By: VP



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 20-28128

Shipping Information: Fed Ex  UPS  Ontrac  Hand Delivery  BC Lab Field Service  Other  (Specify) \_\_\_\_\_

Shipping Container: Ice Chest  None  Box  Other  (Specify) \_\_\_\_\_

Free Liquid: YES  NO  W / S

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received: YES  NO  Emissivity: 0.97 Container: deglass Thermometer ID: 208 Date/Time: 9/25/18 10  
Temperature: (A) 28.8 °C / (C) 28.9 °C Analyst Init: VP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
3oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL-504										
QT EPA 503/605/6080										
QT EPA 515.1/6150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml RPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 801SM										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: \_\_\_\_\_ Date/Time: 9/25/2018 Rev 21 05/23/2016



BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>3</u> Of <u>36</u>	
Submission #: <u>20-28128</u>					
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:					
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments:					
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.97</u> Container: <u>clear glass</u> Thermometer ID: <u>208</u>		Date/Time: <u>9/25 1510</u>	
		Temperature: (A) <u>3.2</u> °C / (C) <u>3.0</u> °C		Analyst Init: <u>UP1</u>	
SAMPLE CONTAINERS		SAMPLE NUMBERS			
		<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>
QT PE UNPRES					
4oz / 8oz / 16oz PE UNPRES					
2oz Cr <sup>6+</sup>					
QT INORGANIC CHEMICAL METALS					
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz					
PT CYANIDE					
PT NITROGEN FORMS					
PT TOTAL SULFIDE					
2oz. NITRATE / NITRITE					
PT TOTAL ORGANIC CARBON					
PT CHEMICAL OXYGEN DEMAND					
PIA PHENOLICS					
40ml VOA VIAL TRAVEL BLANK					
40ml VOA VIAL					
QT EPA 1661					
PT ODOR					
RADIOLOGICAL					
BACTERIOLOGICAL					
40 ml VOA VIAL- 504					
QT RFA 508/608/808					
QT EPA 515.1/615					
QT EPA 525					
QT EPA 525 TRAVEL BLANK					
40ml EPA 547					
40ml EPA 531.1					
8oz EPA 548					
QT EPA 549					
QT EPA 8015M					
QT EPA 8270					
8oz / 16oz / 32oz AMBER					
8oz / 16oz / 32oz JAR		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
SOIL SLEEVE					
PCB VIAL					
PLASTIC BAG					
TEDLAR BAG					
FERROUS IRON					
ENCORE					
SMART KIT					
SUMMA CANISTER					

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: UP1 Date/Time: 9/25 2020 Rev 21 05/23/2016  
 A = Actual / C = Corrected

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 4 of 6

Submission #: 20-28128

SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S
---	--	--	--	--

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received YES  NO  Emissivity: 0.97 Container: clear glass Thermometer ID: 208 Date/Time: 9/25 1810  
 Temperature: (A) 28.8 °C / (C) 28.9 °C Analyst Init: VP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	24	25	26	27	28	29	30	31	32	33
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
FIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/E150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
3oz RPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: \_\_\_\_\_ Date/Time: 9/25 2059 Rev 21 05/23/2016

Sample Numbering Completed By: VP



BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 5 Of 6				
Submission #: 20-28128								
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S			
Refrigerant: Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None <input checked="" type="checkbox"/> Other <input type="checkbox"/> Comments:								
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments:								
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: <u>clear glass</u> Thermometer ID: 208 Temperature: (A) 28.8 °C / (C) 28.9 °C		Date/Time: 9/25 1810 Analyst Initial: VP				
SAMPLE CONTAINERS		SAMPLE NUMBERS						
		34	35	36	37	38	40	41
QT PE UNPRES								
4oz / 8oz / 16oz PE UNPRES								
2oz Cr <sup>6+</sup>								
QT INORGANIC CHEMICAL METALS								
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz								
PT CYANIDE								
PT NITROGEN FORMS								
PT TOTAL SULFIDE								
2oz. NITRATE / NITRITE								
PT TOTAL ORGANIC CARBON								
PT CHEMICAL OXYGEN DEMAND								
PLA PHENOLICS								
40ml VOA VIAL TRAVEL BLANK								
40ml VOA VIAL								
QT EPA 1664								
PT ODOR								
RADIOLOGICAL								
BACTERIOLOGICAL								
40 ml VOA VIAL-504								
QT EPA 503/605/8080								
QT EPA 515.1/8150								
QT EPA 525								
QT EPA 525 TRAVEL BLANK								
40ml EPA 547								
40ml EPA 531.1								
8oz EPA 548								
QT EPA 549								
QT EPA 8015M								
QT EPA 8270								
8oz / 16oz / 32oz AMBER								
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	
SOIL SLEEVE								
PCB VIAL								
PLASTIC BAG								
TEDLAR BAG								
FERROUS IRON								
ENCORE								
SMART KIT								
SUMMA CANISTER								

Comments: \_\_\_\_\_ Date/Time: 9/25 2059 Rev 21 05/23/2016  
 Sample Numbering Completed By: VP1  
 A = Actual / C = Corrected



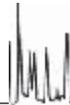
BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 6 of 6		
Submission #: 20-28128						
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S	
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:						
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments:						
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.97 Container: <u>clear glass</u> Thermometer ID: 208		Date/Time: 9/25 1810		
		Temperature: (A) 3.2 °C / (C) 3.0 °C		Analyst Init: <u>UP</u>		
SAMPLE CONTAINERS		SAMPLE NUMBERS				
		42	43	44	45	46
QT PE UNPRES						
4oz / 8oz / 16oz PE UNPRES						
2oz Cr <sup>6+</sup>						
QT INORGANIC CHEMICAL METALS						
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz						
PT CYANIDE						
PT NITROGEN FORMS						
PT TOTAL SULFIDE						
2oz. NITRATE / NITRITE						
PT TOTAL ORGANIC CARBON						
PT CHEMICAL OXYGEN DEMAND						
PIA PHENOLICS						
40ml VOA VIAL TRAVEL BLANK						
40ml VOA VIAL						
QT EPA 1661						
PT ODOR						
RADIOLOGICAL						
BACTERIOLOGICAL						
40 ml VOA VIAL- 504						
QT EPA 508/508/508						
QT EPA 515.1/515						
QT EPA 525						
QT EPA 525 TRAVEL BLANK						
40ml EPA 547						
40ml EPA 531.1						
8oz EPA 548						
QT EPA 549						
QT EPA 5015M						
QT EPA 5270						
8oz / 16oz / 32oz AMBER						
8oz / 16oz / 32oz JAR	A	A	A	A	A	
SOIL SLEEVE						
PCB VIAL						
PLASTIC BAG						
TEDLAR BAG						
FERROUS IRON						
ENCORE						
SMART KIT						
SUMMA CANISTER						

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: UP Date/Time: 9/25 2055 Rev 21 05/23/2016  
 A = Actual / C = Corrected

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-01	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:45
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C01-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-02	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:48
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C01-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-03	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:59
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C02-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-04	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:02
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C02-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-05	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:45
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C03-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-06	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:48
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C03-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-07	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:30
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C04-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-08	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:33
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C04-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-09	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:52
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C05-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-10	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:55
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C05-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-11	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:37
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C06-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-12	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:37
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C06-12D	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-13	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:40
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C06-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-14	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:40
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C06-18D	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-15	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:20
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C07-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-16	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 14:23
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C07-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-17	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:27
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C08-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-18	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 13:30
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C08-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-19	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:30
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC01-A1	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-20	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:35
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC01-A2	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-21	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:40
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC01-A3	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-22	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:45
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC01-A1A2	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-23	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 15:50
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC01-A1A2A3	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-24	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:10
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C09-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-25	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:13
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C09-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-26	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:00
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C10-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-27	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:03
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C10-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-28	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:18
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C11-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-29	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:21
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C11-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-30	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:21
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C11-18D	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-31	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:08
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C12-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-32	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:11
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C12-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-33	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 10:57
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C13-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-34	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 10:57
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C13-12D	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-35	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:00
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C13-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-36	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 10:17
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C14-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-37	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 10:20
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C14-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-38	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:50
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C15-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-39	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:53
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C15-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-40	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:30
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C16-12	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-41	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 09:33
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-C16-18	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-42	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:45
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC02-A1	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2028128-43	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:50
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC02-A2	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-44	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 11:55
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC02-A3	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-45	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 12:00
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC02-A1A2	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			
2028128-46	<b>COC Number:</b>	---	<b>Receive Date:</b>	09/25/2020 18:10
	<b>Project Number:</b>	---	<b>Sampling Date:</b>	09/24/2020 12:05
	<b>Sampling Location:</b>	---	<b>Sample Depth:</b>	---
	<b>Sampling Point:</b>	S0011-WC02-A1A2A3	<b>Lab Matrix:</b>	Solids
	<b>Sampled By:</b>	Eli Ortenberg	<b>Sample Type:</b>	Soil
	<hr/>			

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Natalie Serda

From: Jablonski, Daniel <Daniel.Jablonski@efiglobal.com>  
 Sent: Wednesday, October 07, 2020 3:07 PM  
 To: Natalie Serda  
 Cc: Penado, Natalie; Simantob, Shayan; Efi Global Exide; Erin Rodgers  
 Subject: WP Sample Analysis - 10/7/20

Analyze WP samples as follows:

Property ID	Sample Date	Work Order	Waste Profile Sample ID	Interval	Comments
E0909	9/24/2020	2028121	E0909-WC01-A1A2	A1A2	
RP0364A	9/24/2020	2028120	RP0364A-WC01-A1A2	A1A2	
S0011	9/24/2020	2028128	S0011-WC01-A1A2A3	A1A2A3	DU1
S0011	9/24/2020	2028128	S0011-WC02-A1A2	A1A2	DU2

All samples analyzed for the following:

- 6 Metals (antimony, arsenic, lead, zinc, copper and cadmium) using EPA Method 6010B
- TPH carbon chain (reported as TPH-gas, TPH-diesel, and TPH-oil) using EPA Method 8015B
- STLC Lead and TCLP Lead using EPA Method 6010B
- VOCs using EPA Method 8260B

Daniel Jablonski | Senior Project Manager  
 Efi Global, Inc.  
 Los Angeles, CA  
 OFFICE 310.854.6300 | FAX 310.854.0199  
 CELL 310.339.4269 | EMAIL [daniel.jablonski@efiglobal.com](mailto:daniel.jablonski@efiglobal.com)  
 CSLB License #: 885902  
[www.efiglobal.com](http://www.efiglobal.com) | Caring counts®



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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-01	<b>Client Sample Name:</b> S0011-C01-12, 9/24/2020 1:45:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	130	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:19	AS1	PE-OP3	1	B088623	EPA 3050B

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Los Angeles, CA 90045

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-02	<b>Client Sample Name:</b> S0011-C01-18, 9/24/2020 1:48:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	36	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:36	AS1	PE-OP3	0.990	B088623	EPA 3050B

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

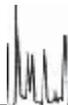
<b>BCL Sample ID:</b> 2028128-03	<b>Client Sample Name:</b> S0011-C02-12, 9/24/2020 2:59:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	120	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:37	AS1	PE-OP3	0.971	B088623	EPA 3050B

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Los Angeles, CA 90045

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-04	<b>Client Sample Name:</b> S0011-C02-18, 9/24/2020 3:02:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	39	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:39	AS1	PE-OP3	0.943	B088623	EPA 3050B

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-05	<b>Client Sample Name:</b> S0011-C03-12, 9/24/2020 2:45:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	89	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:40	AS1	PE-OP3	0.980	B088623	EPA 3050B

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**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-06	<b>Client Sample Name:</b> S0011-C03-18, 9/24/2020 2:48:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	130	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:42	AS1	PE-OP3	0.935	B088623	EPA 3050B

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**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-07	<b>Client Sample Name:</b> S0011-C04-12, 9/24/2020 2:30:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	74	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:43	AS1	PE-OP3	0.990	B088623	EPA 3050B

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-08	<b>Client Sample Name:</b> S0011-C04-18, 9/24/2020 2:33:00PM, Eli Ortenberg
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	36	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:45	AS1	PE-OP3	0.962	B088623	EPA 3050B

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5261 West Imperial Highway  
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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-09	<b>Client Sample Name:</b> S0011-C05-12, 9/24/2020 1:52:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	42	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:51	AS1	PE-OP3	0.990	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-10	<b>Client Sample Name:</b> S0011-C05-18, 9/24/2020 1:55:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	32	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:52	AS1	PE-OP3	1	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-11	<b>Client Sample Name:</b> S0011-C06-12, 9/24/2020 1:37:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	55	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:54	AS1	PE-OP3	0.926	B088623	EPA 3050B

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-12	<b>Client Sample Name:</b> S0011-C06-12D, 9/24/2020 1:37:00PM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	52	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:56	AS1	PE-OP3	0.971	B088623	EPA 3050B

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5261 West Imperial Highway  
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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-13	<b>Client Sample Name:</b> S0011-C06-18, 9/24/2020 1:40:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	45	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	15:58	AS1	PE-OP3	0.990	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

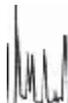
<b>BCL Sample ID:</b> 2028128-14	<b>Client Sample Name:</b> S0011-C06-18D, 9/24/2020 1:40:00PM, Eli Ortenberg
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	47	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 15:59	AS1	PE-OP3	0.926	B088623	EPA 3050B

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-15	<b>Client Sample Name:</b> S0011-C07-12, 9/24/2020 2:20:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	51	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:01	AS1	PE-OP3	0.980	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-16	<b>Client Sample Name:</b> S0011-C07-18, 9/24/2020 2:23:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	22	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:03	AS1	PE-OP3	0.980	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-17	<b>Client Sample Name:</b> S0011-C08-12, 9/24/2020 1:27:00PM, Eli Ortenberg
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	21	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:04	AS1	PE-OP3	0.971	B088623	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-18	<b>Client Sample Name:</b> S0011-C08-18, 9/24/2020 1:30:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	8.8	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:06	AS1	PE-OP3	0.971	B088623	EPA 3050B

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Reported: 10/22/2020 16:51  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2028128-23 Client Sample Name: S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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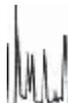
Reported: 10/22/2020 16:51  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2028128-23		Client Sample Name: S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
<b>Methyl t-butyl ether</b>	<b>0.0061</b>	<b>mg/kg</b>	<b>0.0050</b>	<b>0.00056</b>	<b>EPA-8260B</b>	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
<b>Toluene</b>	<b>0.00075</b>	<b>mg/kg</b>	<b>0.0050</b>	<b>0.00069</b>	<b>EPA-8260B</b>	ND	J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Volatile Organic Analysis (EPA Method 8260B)

<b>BCL Sample ID:</b> 2028128-23	<b>Client Sample Name:</b> S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg								
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID		
1	EPA-8260B	10/08/20 12:59	10/08/20 18:21	RCC	MS-V17	1	B089244	EPA 5030 Soil MS	

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
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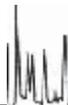
### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 2028128-23	<b>Client Sample Name:</b> S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline (C4-C12)	ND	mg/kg	4.0	1.0	EPA-8015B	ND		1
TPH - Diesel (C13 - C22)	2.4	mg/kg	2.0	0.77	EPA-8015B	ND	A52	1
TPH - Motor Oil (C23 - C36)	39	mg/kg	4.0	1.8	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	74.2	%	20 - 145 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B	10/07/20 17:05	10/08/20 07:03		BUP	GC-2	0.944	B089411	EPA 3550B

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### WET Test (STLC)

<b>BCL Sample ID:</b> 2028128-23	<b>Client Sample Name:</b> S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	3.7	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 15:00	10/22/20 14:46	JRG	PE-OP4	1	B090584	EPA 3005A

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### TCLP Toxicity

<b>BCL Sample ID:</b> 2028128-23	<b>Client Sample Name:</b> S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	ND	mg/L	0.50	0.030	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/15/20 12:00	10/15/20 22:06	AS1	PE-OP3	1	B089990	EPA 3050B

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-23	<b>Client Sample Name:</b> S0011-WC01-A1A2A3, 9/24/2020 3:50:00PM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	4.2	mg/kg	1.0	0.40	EPA-6010B	ND		1
Cadmium	0.88	mg/kg	0.50	0.052	EPA-6010B	ND		1
Copper	23	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	82	mg/kg	2.0	0.82	EPA-6010B	ND	A07	2
Zinc	120	mg/kg	2.5	0.087	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	10/08/20 10:00	10/08/20	23:25	AS1	PE-OP3	1	B089254	EPA 3050B
2	EPA-6010B	10/19/20 09:00	10/20/20	10:09	JCC	PE-OP3	2	B090217	EPA 3050B

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-24	<b>Client Sample Name:</b> S0011-C09-12, 9/24/2020 9:10:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	70	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:15	AS1	PE-OP3	1	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-25	<b>Client Sample Name:</b> S0011-C09-18, 9/24/2020 9:13:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	13	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:31	AS1	PE-OP3	1	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-26	<b>Client Sample Name:</b> S0011-C10-12, 9/24/2020 9:00:00AM, Eli Ortenberg
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	11	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:33	AS1	PE-OP3	1	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-27	<b>Client Sample Name:</b> S0011-C10-18, 9/24/2020 9:03:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	23	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:35	AS1	PE-OP3	0.962	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-28	<b>Client Sample Name:</b> S0011-C11-12, 9/24/2020 11:18:00AM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	40	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 16:36	AS1	PE-OP3	0.980	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-29	<b>Client Sample Name:</b> S0011-C11-18, 9/24/2020 11:21:00AM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	33	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 18:52	AS1	PE-OP3	0.943	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-30	<b>Client Sample Name:</b> S0011-C11-18D, 9/24/2020 11:21:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	17	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 18:53	AS1	PE-OP3	1	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-31	<b>Client Sample Name:</b> S0011-C12-12, 9/24/2020 11:08:00AM, Eli Ortenberg							
<b>Constituent</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>MDL</b>	<b>Method</b>	<b>MB Bias</b>	<b>Lab Quals</b>	<b>Run #</b>
Lead	16	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	18:55	AS1	PE-OP3	0.952	B088624	EPA 3050B

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

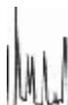
<b>BCL Sample ID:</b> 2028128-32	<b>Client Sample Name:</b> S0011-C12-18, 9/24/2020 11:11:00AM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	5.3	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 18:57	AS1	PE-OP3	0.935	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

<b>BCL Sample ID:</b> 2028128-33	<b>Client Sample Name:</b> S0011-C13-12, 9/24/2020 10:57:00AM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	2.7	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 18:59	AS1	PE-OP3	0.980	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-34	<b>Client Sample Name:</b> S0011-C13-12D, 9/24/2020 10:57:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	15	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:00	AS1	PE-OP3	1	B088624	EPA 3050B

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-35	<b>Client Sample Name:</b> S0011-C13-18, 9/24/2020 11:00:00AM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	3.5	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:06	AS1	PE-OP3	0.943	B088624	EPA 3050B

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-36	<b>Client Sample Name:</b> S0011-C14-12, 9/24/2020 10:17:00AM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	5.1	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:08	AS1	PE-OP3	0.990	B088624	EPA 3050B

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-37	<b>Client Sample Name:</b> S0011-C14-18, 9/24/2020 10:20:00AM, Eli Ortenberg
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	3.5	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:09	AS1	PE-OP3	0.952	B088624	EPA 3050B

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-38	<b>Client Sample Name:</b> S0011-C15-12, 9/24/2020 9:50:00AM, Eli Ortenberg							
<b>Constituent</b>	<b>Result</b>	<b>Units</b>	<b>PQL</b>	<b>MDL</b>	<b>Method</b>	<b>MB Bias</b>	<b>Lab Quals</b>	<b>Run #</b>
Lead	10	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	19:11	AS1	PE-OP3	1	B088624	EPA 3050B

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-39	<b>Client Sample Name:</b> S0011-C15-18, 9/24/2020 9:53:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	2.7	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:13	AS1	PE-OP3	0.962	B088624	EPA 3050B

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-40	<b>Client Sample Name:</b> S0011-C16-12, 9/24/2020 9:30:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	38	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20 19:14	AS1	PE-OP3	0.980	B088624	EPA 3050B

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-41	<b>Client Sample Name:</b> S0011-C16-18, 9/24/2020 9:33:00AM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	88	mg/kg	1.0	0.41	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	09/30/20 11:15	10/01/20	19:16	AS1	PE-OP3	0.952	B088624	EPA 3050B

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5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/22/2020 16:51  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2028128-45 Client Sample Name: S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/22/2020 16:51  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 2028128-45		Client Sample Name: S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
<b>Methyl t-butyl ether</b>	<b>0.0025</b>	<b>mg/kg</b>	<b>0.0050</b>	<b>0.00056</b>	<b>EPA-8260B</b>	ND	J	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

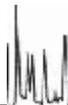
### Volatile Organic Analysis (EPA Method 8260B)

<b>BCL Sample ID:</b> 2028128-45	<b>Client Sample Name:</b> S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg
----------------------------------	---

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	
1	EPA-8260B	10/08/20 12:59	10/08/20 17:39		RCC	MS-V17	1	B089244	EPA 5030 Soil MS

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### Total Petroleum Hydrocarbons

<b>BCL Sample ID:</b> 2028128-45	<b>Client Sample Name:</b> S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline (C4-C12)	ND	mg/kg	4.0	1.0	EPA-8015B	ND		1
TPH - Diesel (C13 - C22)	2.0	mg/kg	2.0	0.77	EPA-8015B	ND	A52	1
TPH - Motor Oil (C23 - C36)	31	mg/kg	4.0	1.8	EPA-8015B	ND	A57	1
Tetracosane (Surrogate)	74.6	%	20 - 145 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-8015B	10/07/20 17:05	10/08/20 08:58		BUP	GC-2	1.003	B089411	EPA 3550B

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**Project Manager:** Daniel Jablonski

### WET Test (STLC)

<b>BCL Sample ID:</b> 2028128-45	<b>Client Sample Name:</b> S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	1.0	mg/L	0.50	0.16	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	10/12/20 12:09	10/12/20 13:28		JCC	PE-OP3	1	B089566	EPA 3005A

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**Project Manager:** Daniel Jablonski

### TCLP Toxicity

<b>BCL Sample ID:</b> 2028128-45	<b>Client Sample Name:</b> S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Lead	ND	mg/L	0.50	0.030	EPA-6010B	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/15/20 12:00	10/15/20 22:07	AS1	PE-OP3	1	B089990	EPA 3050B

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**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLIC)

<b>BCL Sample ID:</b> 2028128-45	<b>Client Sample Name:</b> S0011-WC02-A1A2, 9/24/2020 12:00:00PM, Eli Ortenberg
----------------------------------	---

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	3.6	mg/kg	1.0	0.40	EPA-6010B	ND		1
Cadmium	0.67	mg/kg	0.50	0.052	EPA-6010B	ND		1
Copper	17	mg/kg	1.0	0.050	EPA-6010B	ND		1
Lead	25	mg/kg	1.0	0.41	EPA-6010B	ND		1
Zinc	110	mg/kg	2.5	0.087	EPA-6010B	ND		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC	
			Date/Time					Batch ID	Prep Method
1	EPA-6010B	10/08/20 10:00	10/08/20	23:27	AS1	PE-OP3	1	B089254	EPA 3050B

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**Project Manager:** Daniel Jablonski

## Volatile Organic Analysis (EPA Method 8260B)

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B089244</b>						
Benzene	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B089244-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B089244-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B089244-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B089244-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B089244-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B089244-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B089244-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B089244-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B089244-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B089244-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B089244-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B089244-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B089244-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B089244-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B089244-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B089244-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B089244-BLK1	ND	mg/kg	0.0050	0.0037	
1,2-Dichloropropane	B089244-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
cis-1,3-Dichloropropene	B089244-BLK1	ND	mg/kg	0.0050	0.00058	

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

## Volatile Organic Analysis (EPA Method 8260B)

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B089244</b>						
trans-1,3-Dichloropropene	B089244-BLK1	ND	mg/kg	0.0050	0.00066	
Ethylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B089244-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B089244-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B089244-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B089244-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B089244-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,1,2-Tetrachloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B089244-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B089244-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B089244-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B089244-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B089244-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B089244-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B089244-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B089244-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B089244-BLK1	ND	mg/kg	0.0050	0.00059	
Total Xylenes	B089244-BLK1	ND	mg/kg	0.010	0.0025	
p- & m-Xylenes	B089244-BLK1	ND	mg/kg	0.0050	0.0015	
o-Xylene	B089244-BLK1	ND	mg/kg	0.0050	0.00093	
<b>1,2-Dichloroethane-d4 (Surrogate)</b>	<b>B089244-BLK1</b>	<b>101</b>	<b>%</b>	<b>70 - 121 (LCL - UCL)</b>		
<b>Toluene-d8 (Surrogate)</b>	<b>B089244-BLK1</b>	<b>100</b>	<b>%</b>	<b>81 - 117 (LCL - UCL)</b>		
<b>4-Bromofluorobenzene (Surrogate)</b>	<b>B089244-BLK1</b>	<b>94.5</b>	<b>%</b>	<b>74 - 121 (LCL - UCL)</b>		

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**Project Manager:** Daniel Jablonski

## Volatile Organic Analysis (EPA Method 8260B)

### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab	Quals
								Percent Recovery	RPD		
<b>QC Batch ID: B089244</b>											
Benzene	B089244-BS1	LCS	0.12629	0.12500	mg/kg	101		70 - 130			
Bromodichloromethane	B089244-BS1	LCS	0.12336	0.12500	mg/kg	98.7		70 - 130			
Chlorobenzene	B089244-BS1	LCS	0.12239	0.12500	mg/kg	97.9		70 - 130			
Chloroethane	B089244-BS1	LCS	0.12277	0.12500	mg/kg	98.2		70 - 130			
1,4-Dichlorobenzene	B089244-BS1	LCS	0.11844	0.12500	mg/kg	94.8		70 - 130			
1,1-Dichloroethane	B089244-BS1	LCS	0.12222	0.12500	mg/kg	97.8		70 - 130			
1,1-Dichloroethene	B089244-BS1	LCS	0.12307	0.12500	mg/kg	98.5		70 - 130			
Toluene	B089244-BS1	LCS	0.12416	0.12500	mg/kg	99.3		70 - 130			
Trichloroethene	B089244-BS1	LCS	0.12057	0.12500	mg/kg	96.5		70 - 130			
1,2-Dichloroethane-d4 (Surrogate)	B089244-BS1	LCS	0.051640	0.050000	mg/kg	103		70 - 121			
Toluene-d8 (Surrogate)	B089244-BS1	LCS	0.050540	0.050000	mg/kg	101		81 - 117			
4-Bromofluorobenzene (Surrogate)	B089244-BS1	LCS	0.049710	0.050000	mg/kg	99.4		74 - 121			

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EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Reported: 10/22/2020 16:51
Project: Exide POPs Sampling and Property Plan Contract
Project Number: 45.03809 (S0011)
Project Manager: Daniel Jablonski

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Control Limits Percent Recovery, Lab Quals. Includes rows for Benzene, Bromodichloromethane, Chlorobenzene, Chloroethane, 1,4-Dichlorobenzene, 1,1-Dichloroethane, 1,1-Dichloroethene, Toluene, Trichloroethene, 1,2-Dichloroethane-d4 (Surrogate), Toluene-d8 (Surrogate), and 4-Bromofluorobenzene (Surrogate).

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5261 West Imperial Highway  
Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

## Total Petroleum Hydrocarbons

### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B089411</b>						
TPH - Gasoline (C4-C12)	B089411-BLK1	ND	mg/kg	4.0	1.0	
TPH - Diesel (C13 - C22)	B089411-BLK1	ND	mg/kg	2.0	0.77	
TPH - Motor Oil (C23 - C36)	B089411-BLK1	ND	mg/kg	4.0	1.8	
<b>Tetracosane (Surrogate)</b>	<b>B089411-BLK1</b>	<b>102</b>	<b>%</b>	<b>20 - 145 (LCL - UCL)</b>		

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Petroleum Hydrocarbons

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
<b>QC Batch ID: B089411</b>										
TPH - Diesel (C13 - C22)	B089411-BS1	LCS	10.715	16.502	mg/kg	64.9		64	124	
Tetracosane (Surrogate)	B089411-BS1	LCS	0.67309	0.66007	mg/kg	102		20	145	

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Petroleum Hydrocarbons

### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals	
								Recovery	RPD		Percent Recovery
<b>QC Batch ID: B089411</b>		Used client sample: Y - Description: S0011-WC01-A1A2A3, 09/24/2020 15:50									
TPH - Diesel (C13 - C22)	MS	2028128-23	2.4224	10.825	16.722	mg/kg		50.2		52 - 131	Q03
	MSD	2028128-23	2.4224	12.799	16.667	mg/kg	16.7	62.3	30	52 - 131	
Tetracosane (Surrogate)	MS	2028128-23	ND	0.64396	0.66890	mg/kg		96.3		20 - 145	
	MSD	2028128-23	ND	0.75010	0.66667	mg/kg	15.2	113		20 - 145	

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### WET Test (STLC)

#### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B089566</b>						
Lead	B089566-BLK1	ND	mg/L	0.50	0.16	
<b>QC Batch ID: B090584</b>						
Lead	B090584-BLK1	ND	mg/L	0.50	0.16	

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**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### WET Test (STLC)

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
<b>QC Batch ID: B089566</b>										
Lead	B089566-BS1	LCS	19.659	20.000	mg/L	98.3		85	115	
<b>QC Batch ID: B090584</b>										
Lead	B090584-BS1	LCS	18.271	20.000	mg/L	91.4		85	115	

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### WET Test (STLC)

#### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
<b>QC Batch ID: B089566</b>		Used client sample: N									
Lead	DUP	2028120-21	4.2191	4.6609		mg/L	10.0		20		
	MS	2028120-21	4.2191	22.834	20.408	mg/L		91.2		75 - 125	
	MSD	2028120-21	4.2191	23.642	20.408	mg/L	3.5	95.2	20	75 - 125	
<b>QC Batch ID: B090584</b>		Used client sample: N									
Lead	DUP	2029304-13	13.493	13.627		mg/L	1.0		20		
	MS	2029304-13	13.493	32.193	20.408	mg/L		91.6		75 - 125	
	MSD	2029304-13	13.493	31.852	20.408	mg/L	1.1	90.0	20	75 - 125	

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Los Angeles, CA 90045

**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### TCLP Toxicity

#### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B089990</b>						
Lead	B089990-BLK1	ND	mg/L	0.50	0.030	

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### TCLP Toxicity

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
<b>QC Batch ID: B089990</b>										
Lead	B089990-BS1	LCS	20.209	20.000	mg/L	101		85 - 115		

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**Project Manager:** Daniel Jablonski

### TCLP Toxicity

#### Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
<b>QC Batch ID: B089990</b>		Used client sample: N								
Lead	DUP	2028120-21	ND	ND		mg/L				20
	MS	2028120-21	ND	19.546	20.000	mg/L		97.7		75 - 125
	MSD	2028120-21	ND	19.825	20.000	mg/L	1.4	99.1	20	75 - 125

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**Project Manager:** Daniel Jablonski

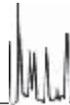
### Total Concentrations (TTLIC)

#### Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<b>QC Batch ID: B088623</b>						
Lead	B088623-BLK1	ND	mg/kg	1.0	0.41	
<b>QC Batch ID: B088624</b>						
Lead	B088624-BLK1	ND	mg/kg	1.0	0.41	
<b>QC Batch ID: B089254</b>						
Antimony	B089254-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B089254-BLK1	ND	mg/kg	1.0	0.40	
Cadmium	B089254-BLK1	ND	mg/kg	0.50	0.052	
Copper	B089254-BLK1	ND	mg/kg	1.0	0.050	
Lead	B089254-BLK1	ND	mg/kg	1.0	0.41	
Zinc	B089254-BLK1	ND	mg/kg	2.5	0.087	
<b>QC Batch ID: B090217</b>						
Lead	B090217-BLK1	ND	mg/kg	1.0	0.41	

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**Reported:** 10/22/2020 16:51  
**Project:** Exide POPs Sampling and Property Plan Contract  
**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

### Total Concentrations (TTLC)

#### Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
<b>QC Batch ID: B088623</b>										
Lead	B088623-BS1	LCS	107.38	100.00	mg/kg	107		75 - 125		
<b>QC Batch ID: B088624</b>										
Lead	B088624-BS1	LCS	102.22	100.00	mg/kg	102		75 - 125		
<b>QC Batch ID: B089254</b>										
Antimony	B089254-BS1	LCS	98.006	100.00	mg/kg	98.0		75 - 125		
Arsenic	B089254-BS1	LCS	18.203	20.000	mg/kg	91.0		75 - 125		
Cadmium	B089254-BS1	LCS	10.303	10.000	mg/kg	103		75 - 125		
Copper	B089254-BS1	LCS	102.16	100.00	mg/kg	102		75 - 125		
Lead	B089254-BS1	LCS	104.20	100.00	mg/kg	104		75 - 125		
Zinc	B089254-BS1	LCS	101.33	100.00	mg/kg	101		75 - 125		
<b>QC Batch ID: B090217</b>										
Lead	B090217-BS1	LCS	107.73	100.00	mg/kg	108		75 - 125		

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Los Angeles, CA 90045

Reported: 10/22/2020 16:51
Project: Exide POPs Sampling and Property Plan Contract
Project Number: 45.03809 (S0011)
Project Manager: Daniel Jablonski

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Table with columns: Constituent, Type, Source Sample ID, Source Result, Result, Spike Added, Units, RPD, Percent Recovery, Control Limits RPD, Percent Recovery, Lab Quals. Includes QC Batch IDs B088623, B088624, B089254, and B090217.

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**Project Number:** 45.03809 (S0011)  
**Project Manager:** Daniel Jablonski

**Notes And Definitions**

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A02 The difference between duplicate readings is less than the quantitation limit.
- A07 Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) was(were) not within the control limits.



**LABORATORIES, INC.**

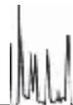
**Work Order Number: 2028128**

**Laboratory Documentation Requirements  
For Data Validation of  
Metals Analysis (using ppm units)**

**Prepared By  
BC Laboratories**

**For EFI Global, Inc.  
45.03809 (S0011)**

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#### Raw Data From Instrument PE-OP3

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## Case Narrative

### Sample Receipt

Work Order: 2028128  
 COC Number:  
 Cooler 2 was received at 28.9 °C  
 Cooler 3 was received at 3 °C  
 Cooler 4 was received at 28.9 °C  
 Cooler 5 was received at 28.9 °C  
 Cooler 6 was received at 3 °C  
 Default Cooler was received at 28.9 °C  
 Samples were checked for preservation. Where applicable, sample preservation was adjusted in the laboratory.

### Requested Analysis

<u>Method</u>	<u>Instrument</u>
EPA-6010B (TTLC)	PE-OP3

### Sample Qualifier Summary

There were no qualifiers for the samples.

### Holding Times

All holding time requirements were met.

### Method Blanks

There were no detections in the Method Blank(s).

### Calibration

Initial calibration criteria for respective analysis were met. Frequency criteria for initial and continuing calibrations were met. Accuracy criteria for initial and continuing calibrations were met.

### Matrix Spikes

Source Samples Used For QC

<u>Batch</u>	<u>Method</u>	<u>Source Lab Number</u>	<u>Client Sample Name</u>
B088623	EPA-6010B (TTLC)	2028128-01	S0011-C01-12
B088624	EPA-6010B (TTLC)	2028128-24	S0011-C09-12

The difference between duplicate readings is less than the quantitation limit.

<u>Lab Number</u>	<u>Method</u>	<u>Analyte</u>
B088624-DUP1	EPA-6010B (TTLC)	Lead

Matrix spike recovery(s) was(were) not within the control limits.

<u>Lab Number</u>	<u>Method</u>	<u>Analyte</u>
B088624-MSD1	EPA-6010B (TTLC)	Lead

### LCS

The LCS recoveries were within QC limits.

### Post Spikes

The Post Spike recoveries were within QC limits.

### Interference Checks

The Interference Check recoveries were within QC limits.

### Discussion

Samples 20-28128-01 through 20-28128-18 and 20-28128-24 through 20-28128-41 received in box with no ice. Sample SerialDilution (SRD) has failed. The post spike (PS) has passed, therefore the sample results are being reported based on the post spike.





# Laboratories, Inc.

Environmental Testing Laboratory Since 1949

20-28128

SDG Page 2 of 4

Chain-of-Custody

TAT

Sample ID	Lab ID	Date	Sampling Information			Time	Type	Matrix		Preservative	Method	Container	TAT
			Type	Matrix	Preservative								
241	S0011-C09-12	9-24-20											
252	S0011-C09-18	9/24											
263	S0011-C10-12	09/20											
274	S0011-C10-18	9/20											
285	S0011-C11-12	9/18											
296	S0011-C11-18	9/18											
307	S0011-C11-18D	9/18											
318	S0011-C12-12	9/18											
329	S0011-C12-18	9/18											
340	S0011-C13-12	9/17											
351	S0011-C13-12D	9/17											
362	S0011-C13-18	9/17											
373	S0011-C14-12	9/20											
384	S0011-C14-18	9/20											
395	S0011-C15-12	9/20											
406	S0011-C15-18	9/20											
417	S0011-C16-12	9/20											
428	S0011-C16-18	9/20											
439	S0011-WC02-A1	9/24/20											
440	S0011-WC02-A2	9/24/20											
441	S0011-WC02-A3	9/24/20											
442	S0011-WC02-A1A2	9/24/20											
443	S0011-WC02-A1A2A3	9/24/20											
444													
445													
446													
447													
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449													
450													
451													
452													
453													
454													
455													
456													
457													
458													
459													
460													

Notes: (1) 6-Metals = Arsenic, Cadmium, Copper, Lead, Zinc  
 (2) Do not dispose of samples, all samples return to ETL  
 (3) MS/MSD and P/S/S must be run from samples from this project  
 (4) Refer to Project QAPP for detailed instructions

Retiquished By: [Signature] Signature  
 Name & Company: ETL COMPANY Signature  
 Date: 9-24-20 Time: 10:30  
 Received By: [Signature] Signature  
 Name & Company: EFI SECURE STORAGE-HP Signature  
 Date: 9-25-20 Time: 11:50  
 Date: 9-25-20 Time: 4:19  
 Date: 9/25/20 Time: 18:10  
 Date: 9/25/20 Time: 18:10



BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 2  
Submission #: 20-28128

SHIPPING INFORMATION: Fed Ex  UPS  Ontrac  Hand Delivery  BC Lab Field Service  Other (Specify) \_\_\_\_\_  
SHIPPING CONTAINER: Ice Chest  None  Box  Other (Specify) \_\_\_\_\_  
FREE LIQUID: YES  NO  W / S

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Comments: \_\_\_\_\_  
Intact? Yes  No  Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received: YES  NO   
Emissivity: 0.97 Container: clear glass Thermometer ID: 208 Date/Time: 9/25/18  
Temperature: (A) 28.8 °C / (C) 28.9 °C Analyst Init: VDI

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 506/508/509										
QT EPA 515.1/515										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

CHK BY: [Signature] DISTRIBUTION: [Signature] SUB OUT:

Comments: \_\_\_\_\_ Date/Time: 9/25/2018 Rev 21 05/23/2016  
Sample Numbering Completed By: VDI



BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 20-28128

SHIPPING INFORMATION: Fed Ex  UPS  Ontrac  Hand Delivery  BC Lab Field Service  Other  (Specify) \_\_\_\_\_

SHIPPING CONTAINER: Ice Chest  None  Box  Other  (Specify) \_\_\_\_\_

FREE LIQUID: YES  NO  W / S

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals: Ice Chest  Containers  None  Intact: Yes  No  Intact: Yes  No  Comments: \_\_\_\_\_

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received: YES  NO  Emissivity: 0.97 Container: deep glass Thermometer ID: 208 Date/Time: 9/25/10 Analyst Init: UP

Temperature: (A) 28.8 °C / (C) 28.9 °C

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
MICROBIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 503/603/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 801SM										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	UP
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: \_\_\_\_\_ Date/Time: 9/25/2010 Rev 21 05/23/2010



BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 36

Submission #: 20-28128

Shipping Information: Fed Ex, UPS, Ontrac, Hand Delivery, BC Lab Field Service. Shipping Container: Ice Chest, None, Box. Free Liquid: YES, NO, W/S.

Refrigerant: Ice, Blue Ice, None, Other. Comments:

Custody Seals: Ice Chest, Containers, None. Intact? Yes/No.

All samples received? Yes/No. All samples containers intact? Yes/No. Description(s) match COC? Yes/No.

COC Received: YES/NO. Emissivity: 0.97. Container: clear glass. Thermometer ID: 208. Date/Time: 9/25 15/10. Analyst Init: up.

Table with columns for Sample Containers and Sample Numbers (1-10). Rows include various sample types like QT PE UNPRES, PT CYANIDE, etc. Sample numbers 1-5 are circled, and 'A' is written in some cells.

Comments: Sample Numbering Completed By: up. Date/Time: 9/25 2020. Rev 21 05/23/2016



BC LABORATORIES INC. COOLER RECEIPT FORM Page 4 of 6  
 Submission #: 20-28128

* SHIPPING INFORMATION		SHIPPING CONTAINER	FREE LIQUID
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>
BC Lab Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____	Ice Chest <input type="checkbox"/>	None <input type="checkbox"/>
		Box <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____
			YES <input type="checkbox"/>
			NO <input type="checkbox"/>
			W / S _____

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

Custody Seals Ice Chest  Containers  None  Comments: \_\_\_\_\_  
 Intact? Yes  No  Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received  YES  NO  
 Emissivity: 0.97 Container: clear glass Thermometer ID: 208 Date/Time: 9/25/18  
 Temperature: (A) 28.8 °C / (C) 28.9 °C Analyst Init: VD

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	24	25	26	27	28	29	30	31	32	33
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>6+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 504/508/509										
QT EPA 515.1/5150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
3oz RPA 548										
QT EPA 549										
QT EPA 6015M										
QT EPA 6270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: VD Date/Time: 9/25 2059 Rev 21 05/23/2016



BC LABORATORIES INC. COOLER RECEIPT FORM Page 5 of 6

Submission #: 20-28128

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery, BC Lab Field Service, Other. SHIPPING CONTAINER: Ice Chest, None, Box, Other. FREE LIQUID: YES, NO, W/S

Refrigerant: Ice, Blue Ice, None, Other. Comments:

Custody Seals: Ice Chest, Containers, None. Comments:

All samples received? Yes, No. All samples containers intact? Yes, No. Description(s) match COC? Yes, No.

COC Received: YES, NO. Emissivity: 0.97. Container: deglass. Thermometer ID: 208. Date/Time: 9/25/18. Temperature: (A) 28.8 °C / (C) 28.9 °C. Analyst Init: VP

SAMPLE CONTAINERS table header with columns 1-10 and sample numbers 34, 35, 36, 37, 38, 39, 40, 41.

Table with 10 columns (1-10) and rows for various container types and test methods. Row 34-38 are empty. Row 39-41 have 'A' in column 1.

Comments: Sample Numbering Completed By: VP. Date/Time: 9/25/2018. Rev 21 05/23/2016



# Laboratories, Inc.

Environmental Testing Laboratory Since 1949

BC LABORATORIES INC. COOLER RECEIPT FORM Page 6 Of 6

Submission #: 20-28128

SHIPPING INFORMATION		SHIPPING CONTAINER	FREE LIQUID
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
BC Lab Field Service <input checked="" type="checkbox"/>	Ontrac <input type="checkbox"/>	None <input type="checkbox"/>	W / S
Hand Delivery <input type="checkbox"/>		Box <input type="checkbox"/>	
Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____	

Refrigerant: Ice  Blue Ice  None  Other  Comments:

Custody Seals Ice Chest  Containers:  None  Comments: Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received YES  NO  Emissivity: 0.97 Container: clear glass Thermometer ID: 208 Date/Time: 9/25 1510  
Temperature: (A) 3.2 °C / (C) 3.0 °C Analyst Init: UP

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr <sup>4+</sup>										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/508/509										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 801SM										
QT EPA 5270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR		A	A	A	A					
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

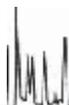
Comments: \_\_\_\_\_ Date/Time: 9/25 2055 Rev 21 05/23/2016  
Sample Numbering Completed By: UP  
A = Actual / C = Corrected

SI:\WPDoc\WordPerfect\LAB\_DOC\FORMS\8-ANRECov 201



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contr  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

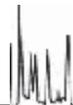
**BC Laboratories**  
**4100 Atlas Court**  
**Bakersfield, CA 93308**  
**Phone: 661-327-4911**

**SDG: 2028128**  
**Class: METALS-PPM**  
**Method: EPA-6010B**



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**ANALYSES DATA PACKAGE COVER PAGE**  
**EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGL

Project: Exide POPs Sampling and Property Plan Contract

**Client Sample Id:**

**Lab Sample Id:**

<u>S0011-C01-12</u>	<u>2028128-01</u>
<u>S0011-C01-18</u>	<u>2028128-02</u>
<u>S0011-C02-12</u>	<u>2028128-03</u>
<u>S0011-C02-18</u>	<u>2028128-04</u>
<u>S0011-C03-12</u>	<u>2028128-05</u>
<u>S0011-C03-18</u>	<u>2028128-06</u>
<u>S0011-C04-12</u>	<u>2028128-07</u>
<u>S0011-C04-18</u>	<u>2028128-08</u>
<u>S0011-C05-12</u>	<u>2028128-09</u>
<u>S0011-C05-18</u>	<u>2028128-10</u>
<u>S0011-C06-12</u>	<u>2028128-11</u>
<u>S0011-C06-12D</u>	<u>2028128-12</u>
<u>S0011-C06-18</u>	<u>2028128-13</u>
<u>S0011-C06-18D</u>	<u>2028128-14</u>
<u>S0011-C07-12</u>	<u>2028128-15</u>
<u>S0011-C07-18</u>	<u>2028128-16</u>
<u>S0011-C08-12</u>	<u>2028128-17</u>
<u>S0011-C08-18</u>	<u>2028128-18</u>
<u>S0011-C09-12</u>	<u>2028128-24</u>
<u>S0011-C09-18</u>	<u>2028128-25</u>
<u>S0011-C10-12</u>	<u>2028128-26</u>
<u>S0011-C10-18</u>	<u>2028128-27</u>
<u>S0011-C11-12</u>	<u>2028128-28</u>
<u>S0011-C11-18</u>	<u>2028128-29</u>
<u>S0011-C11-18D</u>	<u>2028128-30</u>
<u>S0011-C12-12</u>	<u>2028128-31</u>
<u>S0011-C12-18</u>	<u>2028128-32</u>
<u>S0011-C13-12</u>	<u>2028128-33</u>
<u>S0011-C13-12D</u>	<u>2028128-34</u>
<u>S0011-C13-18</u>	<u>2028128-35</u>
<u>S0011-C14-12</u>	<u>2028128-36</u>
<u>S0011-C14-18</u>	<u>2028128-37</u>
<u>S0011-C15-12</u>	<u>2028128-38</u>
<u>S0011-C15-18</u>	<u>2028128-39</u>



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contr  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

S0011-C16-12

2028128-40

S0011-C16-18

2028128-41

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: 

Name: Sara Guron

Date: 10-15-2020

Title: QA/QC Manager



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contra  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

## METHOD DETECTION AND REPORTING LIMITS

### EPA-6010B

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EGL

Project: Exide POPs Sampling and Property Plan Cc

Matrix: Solids

Instrument: PE-OP3

Analyte	MDL	PQL	Units
Lead	0.41	1	mg/kg







































































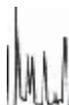












EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**METHOD BLANK DATA SHEET**  
**EPA-6010B**

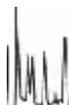
Laboratory:	<u>BC Laboratories</u>	SDG:	<u>2028128</u>
Client:	<u>EFI Global, Inc. \$EGL</u>	Project:	<u>Exide POPs Sampling and Property Plan Contract</u>
Matrix:	<u>Solids</u>	Laboratory ID:	<u>B088623-BLK1</u>
Prepared:	<u>09/30/20 11:15</u>	Preparation:	<u>EPA 3050B</u>
Analyzed:	<u>10/01/20 15:16</u>	Instrument:	<u>PE-OP3</u>
Batch:	<u>B088623</u>	Sequence:	<u>2017395</u>
		Calibration:	<u>UNASSIGNED</u>

CAS NO.	COMPOUND	CONC. (mg/kg)	Q
7439-92-1	Lead	0.41	U



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**METHOD BLANK DATA SHEET**  
**EPA-6010B**

Laboratory:	<u>BC Laboratories</u>	SDG:	<u>2028128</u>
Client:	<u>EFI Global, Inc. \$EGL</u>	Project:	<u>Exide POPs Sampling and Property Plan Contract</u>
Matrix:	<u>Solids</u>	Laboratory ID:	<u>B088624-BLK1</u>
Prepared:	<u>09/30/20 15:56</u>	Preparation:	<u>EPA 3050B</u>
Analyzed:	<u>10/01/20 16:11</u>	Instrument:	<u>PE-OP3</u>
Batch:	<u>B088624</u>	Sequence:	<u>2017397</u>
		Calibration:	<u>UNASSIGNED</u>

CAS NO.	COMPOUND	CONC. (mg/kg)	Q
7439-92-1	Lead	0.41	U



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contra  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**DUPLICATES**  
**EPA-6010B**

**S0011-C01-12**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

Project: Exide POPs Sampling and Property Plan Co

Matrix: Solids

Laboratory ID: B088623-DUP1

Batch: B088623

Lab Source ID: 2028128-01

Preparation: EPA 3050B

Initial/Final: 1 g / 50 ml

Source Sample Name: S0011-C01-12

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg)	C	DUPLICATE CONCENTRATION (mg/kg)	C	RPD %	Q	METHOD
Lead	20	126.58		139.85		9.96		EPA-6010B

\* Values outside of QC limits



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contr  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**DUPLICATES**  
**EPA-6010B**

**S0011-C09-12**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

Project: Exide POPs Sampling and Property Plan Co

Matrix: Solids

Laboratory ID: B088624-DUP1

Batch: B088624

Lab Source ID: 2028128-24

Preparation: EPA 3050B

Initial/Final: 1 g / 50 ml

Source Sample Name: S0011-C09-12

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg)	C	DUPLICATE CONCENTRATION (mg/kg)	C	RPD %	Q	METHOD
Lead	20	69.820		51.836		29.6	*	EPA-6010B

\* Values outside of QC limits







EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

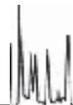
**LCS RECOVERY**  
**EPA-6010B**

Laboratory: BC Laboratories SDG: 2028128  
Client: EFI Global, Inc. \$EGL Project: Exide POPs Sampling and Property Plan Contract  
Matrix: Solids  
Batch: B088623 Laboratory ID: B088623-BS1  
Preparation: EPA 3050B Initial/Final: 1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC. #	QC LIMITS REC.
Lead	100.00	107.38	107	75 - 125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**LCS RECOVERY**  
**EPA-6010B**

Laboratory: BC Laboratories SDG: 2028128  
Client: EFI Global, Inc. \$EGL Project: Exide POPs Sampling and Property Plan Contract  
Matrix: Solids  
Batch: B088624 Laboratory ID: B088624-BS1  
Preparation: EPA 3050B Initial/Final: 1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg)	LCS CONCENTRATION (mg/kg)	LCS % REC. #	QC LIMITS REC.
Lead	100.00	102.22	102	75 - 125

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits





**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### ANALYSIS BATCH (SEQUENCE) SUMMARY

#### EPA-6010B

Laboratory:	<u>BC Laboratories</u>	SDG:	<u>2028128</u>
Client:	<u>EFI Global, Inc. \$EGL</u>	Project:	<u>Exide POPs Sampling and Property Plan Contract</u>
Sequence:	<u>2017395</u>	Instrument:	<u>PE-OP3</u>
Matrix:	<u>Solids</u>	Calibration:	<u>UNASSIGNED</u>

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	2017395-CCV4	PE3_201001-155	10/01/20 15:47
Calibration Blank	2017395-CCB4	PE3_201001-156	10/01/20 15:49
S0011-C05-12	2028128-09	PE3_201001-157	10/01/20 15:51
S0011-C05-18	2028128-10	PE3_201001-158	10/01/20 15:52
S0011-C06-12	2028128-11	PE3_201001-159	10/01/20 15:54
S0011-C06-12D	2028128-12	PE3_201001-160	10/01/20 15:56
S0011-C06-18	2028128-13	PE3_201001-161	10/01/20 15:58
S0011-C06-18D	2028128-14	PE3_201001-162	10/01/20 15:59
S0011-C07-12	2028128-15	PE3_201001-163	10/01/20 16:01
S0011-C07-18	2028128-16	PE3_201001-164	10/01/20 16:03
S0011-C08-12	2028128-17	PE3_201001-165	10/01/20 16:04
S0011-C08-18	2028128-18	PE3_201001-166	10/01/20 16:06
Calibration Check	2017395-CCV5	PE3_201001-167	10/01/20 16:08
Calibration Blank	2017395-CCB5	PE3_201001-168	10/01/20 16:10





**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### ANALYSIS BATCH (SEQUENCE) SUMMARY

#### EPA-6010B

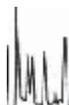
Laboratory:	<u>BC Laboratories</u>	SDG:	<u>2028128</u>
Client:	<u>EFI Global, Inc. \$EFG</u>	Project:	<u>Exide POPs Sampling and Property Plan Contract</u>
Sequence:	<u>2017397</u>	Instrument:	<u>PE-OP3</u>
Matrix:	<u>Solids</u>	Calibration:	<u>UNASSIGNED</u>

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Blank	2017397-CCB6	PE3_201001-235	10/01/20 18:46
S0011-C11-18	2028128-29	PE3_201001-236	10/01/20 18:52
S0011-C11-18D	2028128-30	PE3_201001-237	10/01/20 18:53
S0011-C12-12	2028128-31	PE3_201001-238	10/01/20 18:55
S0011-C12-18	2028128-32	PE3_201001-239	10/01/20 18:57
S0011-C13-12	2028128-33	PE3_201001-240	10/01/20 18:59
S0011-C13-12D	2028128-34	PE3_201001-241	10/01/20 19:00
Calibration Check	2017397-CCV7	PE3_201001-242	10/01/20 19:02
Calibration Blank	2017397-CCB7	PE3_201001-243	10/01/20 19:04
S0011-C13-18	2028128-35	PE3_201001-244	10/01/20 19:06
S0011-C14-12	2028128-36	PE3_201001-245	10/01/20 19:08
S0011-C14-18	2028128-37	PE3_201001-246	10/01/20 19:09
S0011-C15-12	2028128-38	PE3_201001-247	10/01/20 19:11
S0011-C15-18	2028128-39	PE3_201001-248	10/01/20 19:13
S0011-C16-12	2028128-40	PE3_201001-249	10/01/20 19:14
S0011-C16-18	2028128-41	PE3_201001-250	10/01/20 19:16
Calibration Check	2017397-CCV8	PE3_201001-251	10/01/20 19:18
Calibration Blank	2017397-CCB8	PE3_201001-252	10/01/20 19:20



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**BLANKS  
EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

Instrument ID: PE-OP3

Project: Exide POPs Sampling and Property Plan Contract

Sequence: 2017395

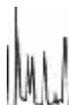
Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	PQL	Units	C	Method
2017395-ICB1	Lead	-0.0020722	0.020	mg/L		EPA-6010B
2017395-CCB1	Lead	-0.0024955	0.020	mg/L		EPA-6010B
2017395-CCB2	Lead	-0.0027078	0.020	mg/L		EPA-6010B
2017395-CCB3	Lead	0.0032059	0.020	mg/L		EPA-6010B
2017395-CCB4	Lead	0.0012185	0.020	mg/L		EPA-6010B
2017395-CCB5	Lead	-0.0036422	0.020	mg/L		EPA-6010B



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Environmental Testing Laboratory Since 1949



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Los Angeles, CA 90045

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Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**BLANKS  
EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

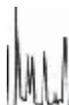
Instrument ID: PE-OP3

Project: Exide POPs Sampling and Property Plan Contract

Sequence: 2017397

Calibration: UNASSIGNED

Lab Sample ID	Analyte	Found	PQL	Units	C	Method
2017397-ICB1	Lead	-0.0020722	0.020	mg/L		EPA-6010B
2017397-CCB1	Lead	-0.0024955	0.020	mg/L		EPA-6010B
2017397-CCB2	Lead	-0.0036422	0.020	mg/L		EPA-6010B
2017397-CCB3	Lead	-0.0017952	0.020	mg/L		EPA-6010B
2017397-CCB4	Lead	-0.0010951	0.020	mg/L		EPA-6010B
2017397-CCB6	Lead	-0.0000091169	0.020	mg/L		EPA-6010B
2017397-CCB7	Lead	-0.0030824	0.020	mg/L		EPA-6010B
2017397-CCB8	Lead	-0.0028484	0.020	mg/L		EPA-6010B



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
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Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**INITIAL AND CONTINUING CALIBRATION CHECK**

**EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGI

Project: Exide POPs Sampling and Property Plan Contract

Instrument ID: PE-OP3

Calibration: UNASSIGNED

Control Limit: +/- 10.00%

Sequence: 2017395

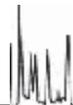
Lab Sample ID	Analyte	True	Found	%R	Units	Method
2017395-ICV1	Lead	0.50000	0.49518	99.0	mg/L	EPA-6010B
2017395-CCV1	Lead	0.50000	0.51286	103	mg/L	EPA-6010B
2017395-CCV2	Lead	0.50000	0.53201	106	mg/L	EPA-6010B
2017395-CCV3	Lead	0.50000	0.50718	101	mg/L	EPA-6010B
2017395-CCV4	Lead	0.50000	0.50478	101	mg/L	EPA-6010B
2017395-CCV5	Lead	0.50000	0.50516	101	mg/L	EPA-6010B

\* Values outside of QC limits



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### INITIAL AND CONTINUING CALIBRATION CHECK

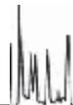
#### EPA-6010B

Laboratory: BC Laboratories  
Client: EFI Global, Inc. \$EFGI  
Instrument ID: PE-OP3  
Control Limit: +/- 10.00%

SDG: 2028128  
Project: Exide POPs Sampling and Property Plan Contract  
Calibration: UNASSIGNED  
Sequence: 2017397

Lab Sample ID	Analyte	True	Found	%R	Units	Method
2017397-ICV1	Lead	0.50000	0.49518	99.0	mg/L	EPA-6010B
2017397-CCV1	Lead	0.50000	0.51286	103	mg/L	EPA-6010B
2017397-CCV2	Lead	0.50000	0.50516	101	mg/L	EPA-6010B
2017397-CCV3	Lead	0.50000	0.48986	98.0	mg/L	EPA-6010B
2017397-CCV4	Lead	0.50000	0.51857	104	mg/L	EPA-6010B
2017397-CCV6	Lead	0.50000	0.54202	108	mg/L	EPA-6010B
2017397-CCV7	Lead	0.50000	0.51468	103	mg/L	EPA-6010B
2017397-CCV8	Lead	0.50000	0.54078	108	mg/L	EPA-6010B

\* Values outside of QC limits



EFI Global, Inc.  
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Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**POST DIGEST SPIKE SAMPLE RECOVERY**  
**EPA-6010B**

S0011-C01-12

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFG

Project: Exide POPs Sampling and Property Plan Contract

Matrix: Solids

Laboratory ID: B088623-PS1

Batch: B088623

Lab Source ID: 2028128-01

Preparation: EPA 3050B

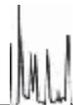
Initial/Final: 0.196 g / 10 ml

Source Sample Name: S0011-C01-12

% Solids:

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/L)	Sample Result (SR) (mg/L)	Spike Added (SA) (mg/L)	%R
Lead	75 - 125	4.3447	2.4809	2.0000	93.2

\* Values outside of QC limits



EFI Global, Inc.  
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Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**POST DIGEST SPIKE SAMPLE RECOVERY**

**EPA-6010B**

S0011-C09-12

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGI

Project: Exide POPs Sampling and Property Plan Contract

Matrix: Solids

Laboratory ID: B088624-PS1

Batch: B088624

Lab Source ID: 2028128-24

Preparation: EPA 3050B

Initial/Final: 0.196 g / 10 ml

Source Sample Name: S0011-C09-12

% Solids:

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/L)	Sample Result (SR) (mg/L)	Spike Added (SA) (mg/L)	%R
Lead	75 - 125	3.1467	1.3685	2.0000	88.9

\* Values outside of QC limits



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contr  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### ICP INTERFERENCE CHECK SAMPLE

#### EPA-6010B

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGI

Project: Exide POPs Sampling and Property Plan Contr

Instrument ID: PE-OP3

Calibration: UNASSIGNED

Sequence: 2017395

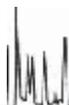
Lab Sample ID	Analyte	True	Found	%R	Units
2017395-IFA1	Lead		-0.021902	*	mg/L
2017395-IFB1	Lead	1.0000	1.01	101	mg/L

\* Values outside of QC limits



**Laboratories, Inc.**

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5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contr  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**ICP INTERFERENCE CHECK SAMPLE**

**EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGI

Project: Exide POPs Sampling and Property Plan Contr

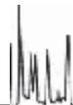
Instrument ID: PE-OP3

Calibration: UNASSIGNED

Sequence: 2017397

Lab Sample ID	Analyte	True	Found	%R	Units
2017397-IFA1	Lead		-0.021902	*	mg/L
2017397-IFB1	Lead	1.0000	1.01	101	mg/L

\* Values outside of QC limits



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Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**SERIAL DILUTION  
EPA-6010B**

S0011-C01-12

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

Project: Exide POPs Sampling and Property Plan Contract

Matrix: Solids

Laboratory ID: B088623-SRD1 (2017395-SRD1)

Sequence: 2017395

Lab Source ID: 2028128-01

Source Sample Name: S0011-C01-12

Initial/Final: 1 / 50

% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Lead	126.58		142.56		12.6	*	EPA-6010B	10

\* Values outside of QC limits



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Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**SERIAL DILUTION  
EPA-6010B**

S0011-C09-12

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. SEFGL

Project: Exide POPs Sampling and Property Plan Contract

Matrix: Solids

Laboratory ID: B088624-SRD1 (2017397-SRD1)

Sequence: 2017397

Lab Source ID: 2028128-24

Source Sample Name: S0011-C09-12

Initial/Final: 1 / 50

% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Lead	69.820		76.513		9.59		EPA-6010B	10

\* Values outside of QC limits



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Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contract  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**CRDL STANDARD**

**EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFGL

Project: Exide POPs Sampling and Property Plan Contract

Instrument ID: PE-OP3

Calibration: UNASSIGNED

Sequence: 2017395

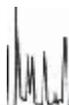
Lab Sample ID	Analyte	True	Found	%R	Units	QC Limits
2017395-CRL1	Lead	0.020000	0.020499	102	mg/L	80 - 120

\* Values outside of QC limits



**Laboratories, Inc.**

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Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
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Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

**CRDL STANDARD**

**EPA-6010B**

Laboratory: BC Laboratories

SDG: 2028128

Client: EFI Global, Inc. \$EFG

Project: Exide POPs Sampling and Property Plan Contract

Instrument ID: PE-OP3

Calibration: UNASSIGNED

Sequence: 2017397

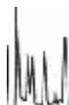
Lab Sample ID	Analyte	True	Found	%R	Units	QC Limits
2017397-CRL1	Lead	0.020000	0.020499	102	mg/L	80 - 120

\* Values outside of QC limits



***Laboratories, Inc.***

Environmental Testing Laboratory Since 1949



## Raw Data From Instrument PE-OP3



**Laboratories, Inc.**

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**Raw Data - Calibration Standards**

Sequence No.: 1  
 Sample ID: Calib Blank @STD0E12001  
 Analyst:  
 Logged In Analyst (Original) : Analyst  
 Initial Sample Wt:  
 Dilution:  
 Wash Time:

Autosampler Location: 1  
 Date Collected: 10/1/2020 10:38:18 AM  
 Data Type: Reprocessed on 10/5/2020 7:12:06 AM  
 Initial Sample Vol:  
 Sample Prep Vol:

Mean Data: Calib Blank @STD0E12001

Analyte	Mean Corrected		RSD		Calib
	Intensity	Std.Dev.	RSD	Conc.	Units
Y 371.029	830814.6	2441.78	0.29%	100.0	%
Y 371.029 (R)	22918.6	73.74	0.32%	100.0	%
Ag 328.068†	-880.5	32.01	3.63%	[0.00]	mg/L
Al 308.215 (R) †	29.3	7.50	25.55%	[0.00]	mg/L
As 188.979†	-2.4	5.02	208.35%	[0.00]	mg/L
B 249.677†	1181.6	32.53	2.75%	[0.00]	mg/L
Ba 233.527 (R) †	0.7	1.13	162.50%	[0.00]	mg/L
Be 313.107 †	6671.8	38.99	0.58%	[0.00]	mg/L
Ca 315.887 (R) †	31.7	6.97	22.02%	[0.00]	mg/L
Cd 228.802 †	315.4	13.72	4.35%	[0.00]	mg/L
Co 228.616†	-112.6	3.73	3.32%	[0.00]	mg/L
Cr 267.716†	38.0	0.17	0.43%	[0.00]	mg/L
Cu 324.752†	1495.5	1.97	0.13%	[0.00]	mg/L
Fe 238.204 (R) †	36.9	0.05	0.12%	[0.00]	mg/L
K 766.490 (R) †	20.3	2.71	13.32%	[0.00]	mg/L
Li 670.784 (R) †	54.3	34.89	64.28%	[0.00]	mg/L
Mg 279.077 (R) †	4.9	1.24	25.54%	[0.00]	mg/L
Mn 257.610 †	-1.8	0.12	6.77%	[0.00]	mg/L
Mo 202.031†	165.4	7.48	4.52%	[0.00]	mg/L
Na 589.592 (R) †	426.2	5.57	1.31%	[0.00]	mg/L
Ni 231.604†	-61.2	1.75	2.86%	[0.00]	mg/L
Pb 220.353†	297.3	13.50	4.54%	[0.00]	mg/L
Sb 206.836†	86.8	7.77	8.95%	[0.00]	mg/L
Se 196.026†	-1.4	2.90	208.35%	[0.00]	mg/L
Si 251.611 (R) †	-1.4	1.89	132.54%	[0.00]	mg/L
Sn 189.927†	-5.7	0.63	10.98%	[0.00]	mg/L
Sr 421.552 (R) †	628.1	3.54	0.56%	[0.00]	mg/L
Ti 334.940 (R) †	26.7	10.70	40.07%	[0.00]	mg/L
Tl 190.801†	-31.0	2.10	6.77%	[0.00]	mg/L
V 292.402†	117.8	3.26	2.76%	[0.00]	mg/L
Zn 206.200 †	76.9	2.82	3.67%	[0.00]	mg/L

---

Sn 189.927	1	Lin, Calc Int	0.0	2687	0.00000	1.000000
Sr 421.552 (R)	1	Lin, Calc Int	0.0	297500	0.00000	1.000000
Ti 334.940 (R)	1	Lin, Calc Int	-0.0	11530	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	0.0	1092	0.00000	1.000000
V 292.402	1	Lin, Calc Int	0.0	134700	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	21240	0.00000	1.000000

Method Loaded

Method Name: 200.7 6010 191012 Method Last Saved: 9/24/2020 8:14:46 AM
IEC File: 200824.iec MSF File:
Method Description: ICP-OES-PE3\_200.7/6010\_FAST
User canceled analysis.

Analysis Begun

Start Time: 10/1/2020 10:43:48 AM Plasma On Time: 10/1/2020 9:16:36 AM
Logged In Analyst: Analyst Technique: ICP Continuous
Spectrometer: Optima 8300 , S/N No Serial # Autosampler: ESI

Sample Information File: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Sample Information\
PE3\_201001.sif

Batch ID:
Results Data Set: PE3\_201001
Results Library: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Results\Results.mdb

Sequence No.: 2 Autosampler Location: 2
Sample ID: Calib Std 4@0E13030 Date Collected: 10/1/2020 10:43:49 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:
Wash Time: 15 Auto Dilution Factor: 1

Mean Data: Calib Std 4@0E13030

Table with columns: Analyte, Mean Corrected Intensity, Std.Dev., RSD, Conc. Units. Lists various elements like Y, Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, Zn with their respective intensity and RSD values.

Calibration Summary

Table with columns: Analyte, Stds., Equation, Intercept, Slope, Curvature, Corr. Coef., Reslope. Provides calibration parameters for elements like Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr.

Cu 324.752	1	Lin, Calc Int	0.0	131400	0.00000	1.000000
Fe 238.204 (R)	1	Lin, Calc Int	-0.0	1059	0.00000	1.000000
K 766.490 (R)	1	Lin, Calc Int	-0.0	1883	0.00000	1.000000
Li 670.784 (R)	1	Lin, Calc Int	0.0	69780	0.00000	1.000000
Mg 279.077 (R)	1	Lin, Calc Int	0.0	154.6	0.00000	1.000000
Mn 257.610	1	Lin, Calc Int	0.0	8261	0.00000	1.000000
Mo 202.031	1	Lin, Calc Int	0.0	20510	0.00000	1.000000
Na 589.592 (R)	1	Lin, Calc Int	0.0	5472	0.00000	1.000000
Ni 231.604	1	Lin, Calc Int	0.0	26870	0.00000	1.000000
Pb 220.353	1	Lin, Calc Int	0.0	6338	0.00000	1.000000
Sb 206.836	1	Lin, Calc Int	0.0	1772	0.00000	1.000000
Se 196.026	1	Lin, Calc Int	0.0	690.3	0.00000	1.000000
Si 251.611 (R)	1	Lin, Calc Int	0.0	318.3	0.00000	1.000000
Sn 189.927	1	Lin, Calc Int	0.0	2953	0.00000	1.000000
Sr 421.552 (R)	1	Lin, Calc Int	0.0	283000	0.00000	1.000000
Ti 334.940 (R)	1	Lin, Calc Int	0.0	12030	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	0.0	1165	0.00000	1.000000
V 292.402	1	Lin, Calc Int	0.0	146400	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	23300	0.00000	1.000000

Method Loaded

Method Name: 200.7 6010\_191012 Method Last Saved: 9/24/2020 8:14:46 AM
IEC File: 200824.iec MSF File:
Method Description: ICP-OES-PE3\_200.7/6010\_FAST
User canceled analysis.

Analysis Begun

Start Time: 10/1/2020 1:27:07 PM Plasma On Time: 10/1/2020 9:16:36 AM
Logged In Analyst: Analyst Technique: ICP Continuous
Spectrometer: Optima 8300 , S/N No Serial # Autosampler: ESI

Sample Information File: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Sample Information\
PE3\_201001.sif

Batch ID:
Results Data Set: PE3\_201001
Results Library: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Results\Results.mdb

Sequence No.: 2 Autosampler Location: 2
Sample ID: Calib Std 4@0E13030 Date Collected: 10/1/2020 1:27:08 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:
Wash Time:

Mean Data: Calib Std 4@0E13030

Table with 5 columns: Analyte, Mean Corrected Intensity, Std.Dev., RSD, and Calib Conc. Units. Lists various elements like Y, Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, Zn with their respective intensity and deviation values.

Calibration Summary

Table with 8 columns: Analyte, Stds., Equation, Intercept, Slope, Curvature, Corr. Coef., and Reslope. Provides calibration parameters for elements Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr.

Cu 324.752	1	Lin, Calc Int	0.0	120400	0.00000	1.000000
Fe 238.204 (R)	1	Lin, Calc Int	0.0	984.5	0.00000	1.000000
K 766.490 (R)	1	Lin, Calc Int	0.0	1813	0.00000	1.000000
Li 670.784 (R)	1	Lin, Calc Int	0.0	68480	0.00000	1.000000
Mg 279.077 (R)	1	Lin, Calc Int	0.0	144.6	0.00000	1.000000
Mn 257.610	1	Lin, Calc Int	0.0	7763	0.00000	1.000000
Mo 202.031	1	Lin, Calc Int	0.0	18650	0.00000	1.000000
Na 589.592 (R)	1	Lin, Calc Int	0.0	5138	0.00000	1.000000
Ni 231.604	1	Lin, Calc Int	0.0	24540	0.00000	1.000000
Pb 220.353	1	Lin, Calc Int	0.0	5966	0.00000	1.000000
Sb 206.836	1	Lin, Calc Int	0.0	1649	0.00000	1.000000
Se 196.026	1	Lin, Calc Int	0.0	641.6	0.00000	1.000000
Si 251.611 (R)	1	Lin, Calc Int	0.0	299.4	0.00000	1.000000
Sn 189.927	1	Lin, Calc Int	0.0	2777	0.00000	1.000000
Sr 421.552 (R)	1	Lin, Calc Int	0.0	290400	0.00000	1.000000
Ti 334.940 (R)	1	Lin, Calc Int	-0.0	11240	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	0.0	1112	0.00000	1.000000
V 292.402	1	Lin, Calc Int	0.0	133200	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	21210	0.00000	1.000000

Method Loaded

Method Name: 200.7 6010\_191012 Method Last Saved: 9/24/2020 8:14:46 AM
IEC File: 200824.iec MSF File:
Method Description: ICP-OES-PE3\_200.7/6010\_FAST
User canceled analysis.

Analysis Begun

Start Time: 10/1/2020 2:34:36 PM Plasma On Time: 10/1/2020 9:16:36 AM
Logged In Analyst: Analyst Technique: ICP Continuous
Spectrometer: Optima 8300 , S/N No Serial # Autosampler: ESI

Sample Information File: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Sample Information\PE3\_201001.sif

Batch ID:
Results Data Set: PE3\_201001
Results Library: C:\Documents and Settings\All Users\PerkinElmer\ICP\Data\Results\Results.mdb

Sequence No.: 2 Autosampler Location: 2
Sample ID: Calib Std 4@0E13030 Date Collected: 10/1/2020 2:34:37 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:
Wash Time:

Mean Data: Calib Std 4@0E13030

Table with 5 columns: Analyte, Mean Corrected Intensity, Std.Dev., RSD, and Calib Conc. Units. Lists various elements like Y, Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, Zn with their respective intensity and deviation values.

Calibration Summary

Table with 8 columns: Analyte, Stds., Equation, Intercept, Slope, Curvature, Corr. Coef., and Reslope. Provides calibration parameters for elements Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr.

Cu 324.752	1	Lin, Calc Int	0.0	127400	0.00000	1.000000
Fe 238.204 (R)	1	Lin, Calc Int	0.0	972.9	0.00000	1.000000
K 766.490 (R)	1	Lin, Calc Int	0.0	1847	0.00000	1.000000
Li 670.784 (R)	1	Lin, Calc Int	0.0	69960	0.00000	1.000000
Mg 279.077 (R)	1	Lin, Calc Int	-0.0	148.8	0.00000	1.000000
Mn 257.610	1	Lin, Calc Int	0.0	7713	0.00000	1.000000
Mo 202.031	1	Lin, Calc Int	0.0	19180	0.00000	1.000000
Na 589.592 (R)	1	Lin, Calc Int	-0.0	5151	0.00000	1.000000
Ni 231.604	1	Lin, Calc Int	0.0	25060	0.00000	1.000000
Pb 220.353	1	Lin, Calc Int	0.0	6069	0.00000	1.000000
Sb 206.836	1	Lin, Calc Int	0.0	1686	0.00000	1.000000
Se 196.026	1	Lin, Calc Int	0.0	647.0	0.00000	1.000000
Si 251.611 (R)	1	Lin, Calc Int	0.0	294.8	0.00000	1.000000
Sn 189.927	1	Lin, Calc Int	0.0	2822	0.00000	1.000000
Sr 421.552 (R)	1	Lin, Calc Int	0.0	289000	0.00000	1.000000
Ti 334.940 (R)	1	Lin, Calc Int	-0.0	11240	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	0.0	1127	0.00000	1.000000
V 292.402	1	Lin, Calc Int	0.0	136700	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	21750	0.00000	1.000000

Method Loaded

Method Name: 200.7 6010\_191012

IEC File: 200824.iec

Method Description: ICP-OES-PE3\_200.7/6010\_FAST

Method Last Saved: 9/24/2020 8:14:46 AM

MSF File:

Sequence No.: 2

Sample ID: Calib Std 4@0E13030

Analyst:

Logged In Analyst (Original) : Analyst

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 2

Date Collected: 10/1/2020 5:12:39 PM

Data Type: Reprocessed on 10/5/2020 7:12:06 AM

Initial Sample Vol:

Sample Prep Vol:

Mean Data: Calib Std 4@0E13030

Analyte	Intensity	Std.Dev.	RSD	Conc.	Units
Y 371.029	795024.3	5865.95	0.74%	95.69	%
Y 371.029 (R)	23741.0	212.76	0.90%	103.6	%
Ag 328.068†	86813.2	824.09	0.95%	[0.5]	mg/L
Al 308.215 (R) †	27900.0	85.12	0.31%	[100]	mg/L
As 188.979†	899.4	5.43	0.60%	[1.0]	mg/L
B 249.677†	96976.7	950.46	0.98%	[5.0]	mg/L
Ba 233.527 (R) †	4422.9	14.56	0.33%	[5.0]	mg/L
Be 313.107 †	3975269.2	9275.32	0.23%	[1.0]	mg/L
Ca 315.887 (R) †	89756.1	2717.83	3.03%	[100]	mg/L
Cd 228.802 †	136004.4	1161.76	0.85%	[5.0]	mg/L
Co 228.616†	16142.0	53.13	0.33%	[1.0]	mg/L
Cr 267.716†	52588.8	628.51	1.20%	[1.0]	mg/L
Cu 324.752†	118108.9	1598.15	1.35%	[1.0]	mg/L
Fe 238.204 (R) †	19786.1	73.44	0.37%	[20]	mg/L
K 766.490 (R) †	182266.8	5690.39	3.12%	[100]	mg/L
Li 670.784 (R) †	349372.6	11560.72	3.31%	[5.0]	mg/L
Mg 279.077 (R) †	13729.2	48.08	0.35%	[100]	mg/L
Mn 257.610 †	39590.4	1212.35	3.06%	[5.0]	mg/L
Mo 202.031†	93387.5	985.37	1.06%	[5.0]	mg/L
Na 589.592 (R) †	523698.2	18935.85	3.62%	[100]	mg/L
Ni 231.604†	24779.9	91.91	0.37%	[1.0]	mg/L
Pb 220.353†	5829.7	68.19	1.17%	[1.0]	mg/L
Sb 206.836†	1606.1	25.28	1.57%	[1.0]	mg/L
Se 196.026†	635.6	18.81	2.96%	[1.0]	mg/L
Si 251.611 (R) †	1503.0	1.08	0.07%	[5.0]	mg/L
Sn 189.927†	2687.0	26.33	0.98%	[1.0]	mg/L
Sr 421.552 (R) †	1487510.7	56626.17	3.81%	[5.0]	mg/L
Ti 334.940 (R) †	57629.1	2094.06	3.63%	[5.0]	mg/L
Tl 190.801†	1091.6	13.06	1.20%	[1.0]	mg/L
V 292.402†	134660.6	989.09	0.73%	[1.0]	mg/L
Zn 206.200 †	106177.3	856.30	0.81%	[5.0]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin, Calc Int	0.0	173600	0.00000	1.000000	
Al 308.215 (R)	1	Lin, Calc Int	0.0	279.0	0.00000	1.000000	
As 188.979	1	Lin, Calc Int	0.0	899.4	0.00000	1.000000	
B 249.677	1	Lin, Calc Int	0.0	19400	0.00000	1.000000	
Ba 233.527 (R)	1	Lin, Calc Int	0.0	884.6	0.00000	1.000000	
Be 313.107	1	Lin, Calc Int	0.0	3975000	0.00000	1.000000	
Ca 315.887 (R)	1	Lin, Calc Int	0.0	897.6	0.00000	1.000000	
Cd 228.802	1	Lin, Calc Int	0.0	27200	0.00000	1.000000	
Co 228.616	1	Lin, Calc Int	0.0	16140	0.00000	1.000000	
Cr 267.716	1	Lin, Calc Int	0.0	52590	0.00000	1.000000	
Cu 324.752	1	Lin, Calc Int	0.0	118100	0.00000	1.000000	
Fe 238.204 (R)	1	Lin, Calc Int	-0.0	989.3	0.00000	1.000000	
K 766.490 (R)	1	Lin, Calc Int	0.0	1823	0.00000	1.000000	
Li 670.784 (R)	1	Lin, Calc Int	0.0	69870	0.00000	1.000000	
Mg 279.077 (R)	1	Lin, Calc Int	0.0	137.3	0.00000	1.000000	
Mn 257.610	1	Lin, Calc Int	0.0	7918	0.00000	1.000000	
Mo 202.031	1	Lin, Calc Int	0.0	18680	0.00000	1.000000	
Na 589.592 (R)	1	Lin, Calc Int	0.0	5237	0.00000	1.000000	
Ni 231.604	1	Lin, Calc Int	0.0	24780	0.00000	1.000000	
Pb 220.353	1	Lin, Calc Int	0.0	5830	0.00000	1.000000	
Sb 206.836	1	Lin, Calc Int	0.0	1606	0.00000	1.000000	
Se 196.026	1	Lin, Calc Int	0.0	635.6	0.00000	1.000000	
Si 251.611 (R)	1	Lin, Calc Int	-0.0	300.6	0.00000	1.000000	

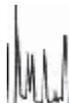
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Sn 189.927	1	Lin, Calc Int	0.0	2687	0.00000	1.000000
Sr 421.552 (R)	1	Lin, Calc Int	0.0	297500	0.00000	1.000000
Ti 334.940 (R)	1	Lin, Calc Int	-0.0	11530	0.00000	1.000000
Tl 190.801	1	Lin, Calc Int	0.0	1092	0.00000	1.000000
V 292.402	1	Lin, Calc Int	0.0	134700	0.00000	1.000000
Zn 206.200	1	Lin, Calc Int	0.0	21240	0.00000	1.000000



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



EFI Global, Inc.  
5261 West Imperial Highway  
Los Angeles, CA 90045

Reported: 10/15/2020 1:04:02PM  
Project: Exide POPs Sampling and Property Plan Contra  
Project Number: 45.03809 (S0011)  
Project Manager: Daniel Jablonski

### Notes and Definitions

- |   |  |
|---|--|
| B | Blank contamination. The analyte is greater than 1/2 the PQL/LOQ/CRQL in the associated method blank.                                |
| D | The reported value is from a dilution.   |
| E | The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration. |
| J | The reported value is an estimated value. Results are between the MDL and PQL/LOQ/CRQL.  |
| U | The analyte was not detected and is reported as less than the LOD/MDL or as defined by the client.                                   |

## **Data Validation Memorandum (Confirmation Samples)**

**Level 3 Data Validation Report  
Exide Technologies Publicly Owned Properties Sampling and Design Project  
Property ID: S0011  
BC Laboratories Work Order Number: 2028128**

This quality assurance (QA) review is based upon an examination of the data generated from the analyses of the samples collected on September 24, 2020 as part of the Exide Technologies Publicly Owned Properties Sampling and Design Project. These samples were analyzed by BC Laboratories, Inc., in Bakersfield, California, for lead by SW-846 Method 6010B.

This review was performed in accordance with the Removal Action Plan (Cleanup Plan) Offsite Properties within the Exide Preliminary Investigation Area (July 17, 2017) and Quality Assurance Project Plan (QAPP) for Sampling and Analysis Related to Cleanup Activities for Properties in the Vicinity of the Exide Facility (Vernon, California) Offsite Properties within the Exide Preliminary Investigation Area (Amended October 25, 2018). This review was performed with guidance from the National Functional Guidelines for Inorganic Superfund Methods Data Review (US EPA, September 2016). This validation guidance document specifically addresses analyses performed in accordance with the Contract Laboratory Program (CLP) analytical methods and is not completely applicable to the type of analyses and analytical protocols performed for the SW-846 method utilized by the laboratory for these samples. Environmental Standards, Inc. (Environmental Standards) used professional judgment to determine the usability of the analytical results and compliance relative to the SW-846 method utilized by the laboratory.

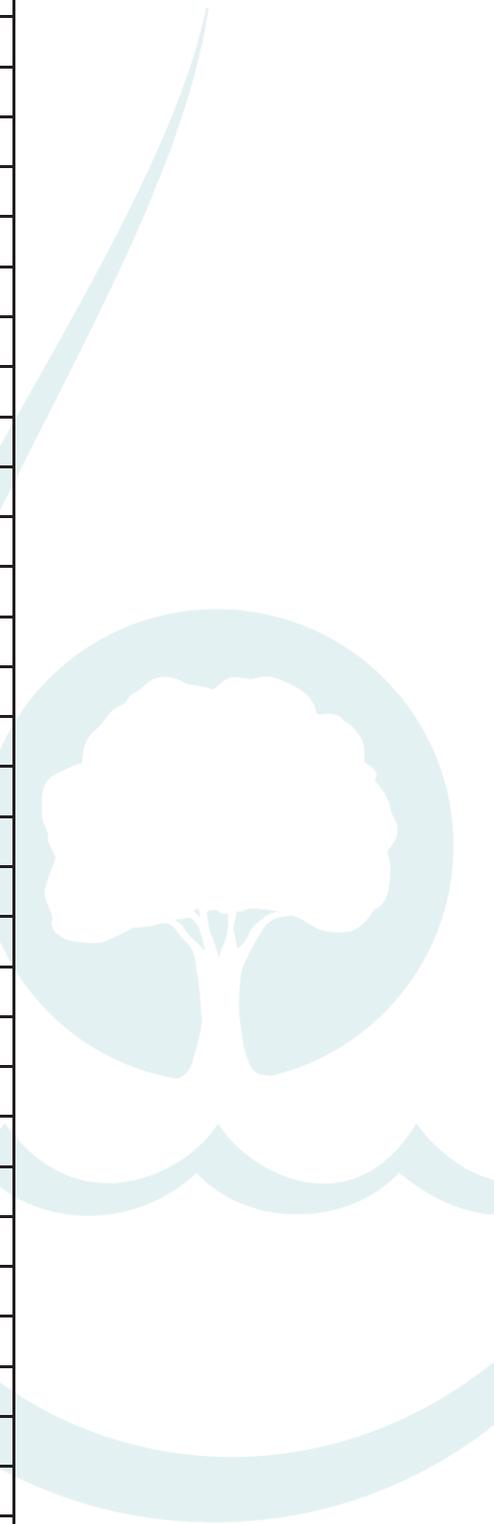
### **Summary**

The analytical results and associated laboratory quality control (QC) samples were reviewed to determine the integrity of the reported analytical results and to ensure that the data met the established data quality objectives.

All lead data are considered usable as reported, or usable after integration of data validation qualifications, regardless of qualification present for other analytes.

The samples that have undergone a Stage 3 QA review are listed below:

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
S0011-C01-12	2028128-01	Solid	9/24/20
S0011-C01-18	2028128-02	Solid	9/24/20
S0011-C02-12	2028128-03	Solid	9/24/20
S0011-C02-18	2028128-04	Solid	9/24/20
S0011-C03-12	2028128-05	Solid	9/24/20
S0011-C03-18	2028128-06	Solid	9/24/20
S0011-C04-12	2028128-07	Solid	9/24/20
S0011-C04-18	2028128-08	Solid	9/24/20
S0011-C05-12	2028128-09	Solid	9/24/20
S0011-C05-18	2028128-10	Solid	9/24/20
S0011-C06-12	2028128-11	Solid	9/24/20
S0011-C06-12D	2028128-12	Solid	9/24/20
S0011-C06-18	2028128-13	Solid	9/24/20
S0011-C06-18D	2028128-14	Solid	9/24/20
S0011-C07-12	2028128-15	Solid	9/24/20
S0011-C07-18	2028128-16	Solid	9/24/20
S0011-C08-12	2028128-17	Solid	9/24/20
S0011-C08-18	2028128-18	Solid	9/24/20
S0011-C09-12	2028128-24	Solid	9/24/20
S0011-C09-18	2028128-25	Solid	9/24/20
S0011-C10-12	2028128-26	Solid	9/24/20
S0011-C10-18	2028128-27	Solid	9/24/20
S0011-C11-12	2028128-28	Solid	9/24/20
S0011-C11-18	2028128-29	Solid	9/24/20
S0011-C11-18D	2028128-30	Solid	9/24/20
S0011-C12-12	2028128-31	Solid	9/24/20
S0011-C12-18	2028128-32	Solid	9/24/20
S0011-C13-12	2028128-33	Solid	9/24/20
S0011-C13-12D	2028128-34	Solid	9/24/20
S0011-C13-18	2028128-35	Solid	9/24/20
S0011-C14-12	2028128-36	Solid	9/24/20



<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
S0011-C14-18	2028128-37	Solid	9/24/20
S0011-C15-12	2028128-38	Solid	9/24/20
S0011-C15-18	2028128-39	Solid	9/24/20
S0011-C16-12	2028128-40	Solid	9/24/20
S0011-C16-18	2028128-41	Solid	9/24/20

All samples were analyzed for lead by SW-846 Method 6010B.



### Inorganic Data Review

Data validation was performed for these samples based on the sample results, summary QC data, and raw data provided by the laboratory. The findings offered in this report for the inorganic analyses are based upon a review of the following QC measures:

- Data completeness
- Chain-of-Custody (COC) Record and sample condition upon laboratory receipt
- Calibrations
- Blank analysis results
- Matrix spike (MS) and matrix spike duplicate (MSD) recoveries and precision
- Laboratory duplicate precision
- Analyte identification and quantification (Full validation only)
- Holding times
- Laboratory control sample (LCS) recoveries
- Interference check standard results (ICSA/ICSAB) (Full validation only)
- Post-digestion spike (PDS) recoveries
- Serial dilution results
- Field duplicate precision

The above QC measures were evaluated against the analytical method requirements and QC acceptance criteria. The data were validated according to the QAPP, the referenced procedures, and were qualified as appropriate as described in the sections below.

### Chain-of-Custody Record and Sample Condition upon Laboratory Receipt

All sample identifications (IDs) were consistent with the COC Record.

The sample reports were consistent with the analytical request designated on the COC Record.

All samples were received in good condition.

### Sample Preparation and Holding Times

All samples were digested and analyzed within the method-specified holding time (6 months).

### Instrument Calibration

All initial calibration, initial calibration verification (ICV), and continuing calibration verification (CCV) standard analyses met method acceptance criteria (90-110%).

All reporting limit (RL) standard analyses were within QC acceptance criteria (70-130%).

Blank Analyses

Initial calibration blanks (ICBs) and continuing calibration blanks (CCBs) were evaluated for samples analyzed within the same analytical sequence (all blanks < MDL). Qualification of data due to initial and continuing blank contamination was not warranted.

Laboratory preparation blanks (method blanks) were evaluated for samples prepared within the same preparation batch (all blanks < MDL). Qualification of data due to preparation blank contamination was not warranted.

LCS Analyses

All LCS recoveries were within QC acceptance limits (80-120%).

MS, MSD, and PDS Analyses

All MS, MSD, and PDS recoveries and relative percent differences (RPDs) were within QC acceptance limits (75-125% / 20%).

Laboratory Duplicate Analyses

All laboratory duplicate RPDs were within QC acceptance limits (35%).

Field Duplicate Analyses

Four field duplicate pairs (S0011-C06-12 and its duplicate, sample S0011-C06-12D; S0011-C06-18 and its duplicate, sample S0011-C06-18D; S0011-C11-18 and its duplicate, sample S0011-C11-18D; and S0011-C13-12 and its duplicate, sample S0011-C13-12D) were submitted with this dataset. The field duplicate positive results were within QAPP QC acceptance criteria (35% RPD), with the exceptions noted below.

<u>Sample IDs</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Reason for Qualification</u>
S0011-C11-18, S0011-C11-18D, S0011-C13-12, and S0011-C13-12D	lead	J	field duplicate imprecision

Serial Dilution Analyses

The serial dilution analysis was within QC acceptance limits (<10% when the results were > 50× the method detection limit [MDL]), with the exception noted below.

<u>Sample IDs</u>	<u>Analyte</u>	<u>Qualifier</u>	<u>Reason for Qualification</u>
S0011-C01-12, S0011-C01-18, S0011-C02-12, S0011-C02-18, S0011-C03-12, S0011-C03-18, S0011-C04-12, S0011-C04-18, S0011-C05-12, S0011-C05-18, S0011-C06-12, S0011-C06-12D, S0011-C06-18, S0011-C06-18D, S0011-C07-12, S0011-C07-18, S0011-C08-12, and S0011-C08-18	lead	J	serial dilution imprecision

### ICSA/ICSAB Analyses

All ICSAB results were within QC acceptance criteria (80-120%).

The ICSA was unable to be evaluated for Stage 3 review because the interference elements were not reported in the samples.

### Overall Assessment of Data

Based on a review of the data, qualification of data was warranted as noted below.

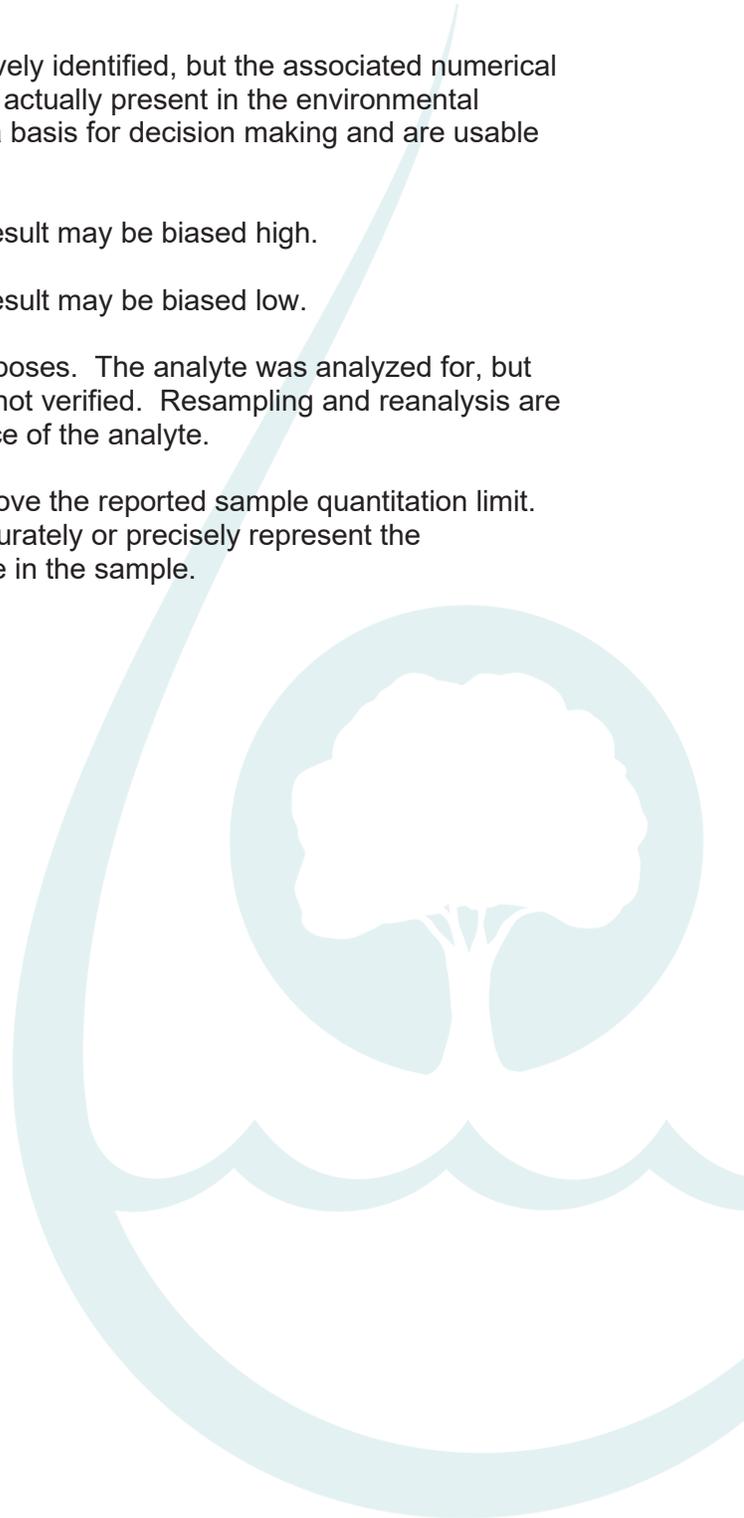
<u>Sample IDs</u>	<u>Analyte</u>	<u>Qualifier</u>
S0011-C01-12, S0011-C01-18, S0011-C02-12, S0011-C02-18, S0011-C03-12, S0011-C03-18, S0011-C04-12, S0011-C04-18, S0011-C05-12, S0011-C05-18, S0011-C06-12, S0011-C06-12D, S0011-C06-18, S0011-C06-18D, S0011-C07-12, S0011-C07-18, S0011-C08-12, S0011-C08-18, S0011-C11-18, S0011-C11-18D, S0011-C13-12, and S0011-C13-12D	lead	J

---

Review performed by:	Caroline M. Rowshan, Senior Quality Assurance Chemist
Review reviewed by:	Erin E. Rodgers, Principal/Project Manager
Date review completed:	10/27/20

## INORGANIC DATA QUALIFIERS

- U The analyte was analyzed for and is not present above the reported sample quantitation limit.
- J The analyte was analyzed for and was positively identified, but the associated numerical value may not be consistent with the amount actually present in the environmental sample. The data should be considered as a basis for decision making and are usable for many purposes.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- R The data are rejected as unusable for all purposes. The analyte was analyzed for, but the presence or absence of the analyte was not verified. Resampling and reanalysis are necessary to confirm the presence or absence of the analyte.
- UJ The analyte analyzed for was not present above the reported sample quantitation limit. The associated numerical value may not accurately or precisely represent the concentration necessary to detect the analyte in the sample.



**ATTACHMENT 1**

**ANALYTICAL RESULTS**

Samp_No	Matrix	Analytical_Method	Detected	Lab_Samp_No	Cas_no	Analyte	Result	Result_Units	Lab_Name	Reporting_Limit	Reporting_Limit_Units	Lab_Result_Qualifier	QAFlag	Result_Qualifier
S0011-C01-12	Solids	EPA-60108	Y	2028128-01	7439-92-1	Lead	130	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C01-18	Solids	EPA-60108	Y	2028128-02	7439-92-1	Lead	36	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C02-12	Solids	EPA-60108	Y	2028128-03	7439-92-1	Lead	120	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C02-18	Solids	EPA-60108	Y	2028128-04	7439-92-1	Lead	39	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C03-12	Solids	EPA-60108	Y	2028128-05	7439-92-1	Lead	89	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C03-18	Solids	EPA-60108	Y	2028128-06	7439-92-1	Lead	130	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C04-12	Solids	EPA-60108	Y	2028128-07	7439-92-1	Lead	74	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C04-18	Solids	EPA-60108	Y	2028128-08	7439-92-1	Lead	36	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C05-12	Solids	EPA-60108	Y	2028128-09	7439-92-1	Lead	42	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C05-18	Solids	EPA-60108	Y	2028128-10	7439-92-1	Lead	32	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C06-12	Solids	EPA-60108	Y	2028128-11	7439-92-1	Lead	55	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C06-12D	Solids	EPA-60108	Y	2028128-12	7439-92-1	Lead	52	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C06-18	Solids	EPA-60108	Y	2028128-13	7439-92-1	Lead	45	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C06-18D	Solids	EPA-60108	Y	2028128-14	7439-92-1	Lead	47	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C07-12	Solids	EPA-60108	Y	2028128-15	7439-92-1	Lead	51	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C07-18	Solids	EPA-60108	Y	2028128-16	7439-92-1	Lead	22	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C08-12	Solids	EPA-60108	Y	2028128-17	7439-92-1	Lead	21	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C08-18	Solids	EPA-60108	Y	2028128-18	7439-92-1	Lead	8.8	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C09-18	Solids	EPA-60108	Y	2028128-24	7439-92-1	Lead	70	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C10-12	Solids	EPA-60108	Y	2028128-26	7439-92-1	Lead	11	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C10-18	Solids	EPA-60108	Y	2028128-27	7439-92-1	Lead	23	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C11-12	Solids	EPA-60108	Y	2028128-28	7439-92-1	Lead	40	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C11-18	Solids	EPA-60108	Y	2028128-29	7439-92-1	Lead	33	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C11-18D	Solids	EPA-60108	Y	2028128-30	7439-92-1	Lead	17	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C12-12	Solids	EPA-60108	Y	2028128-31	7439-92-1	Lead	16	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C12-18	Solids	EPA-60108	Y	2028128-32	7439-92-1	Lead	5.3	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C13-12	Solids	EPA-60108	Y	2028128-33	7439-92-1	Lead	2.7	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C13-12D	Solids	EPA-60108	Y	2028128-34	7439-92-1	Lead	15	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C13-18	Solids	EPA-60108	Y	2028128-35	7439-92-1	Lead	3.5	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C14-12	Solids	EPA-60108	Y	2028128-36	7439-92-1	Lead	5.1	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C14-18	Solids	EPA-60108	Y	2028128-37	7439-92-1	Lead	3.5	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C15-12	Solids	EPA-60108	Y	2028128-38	7439-92-1	Lead	10	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C15-18	Solids	EPA-60108	Y	2028128-39	7439-92-1	Lead	2.7	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C16-12	Solids	EPA-60108	Y	2028128-40	7439-92-1	Lead	38	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J
S0011-C16-18	Solids	EPA-60108	Y	2028128-41	7439-92-1	Lead	88	mg/kg	BC Labs	1.0	mg/kg	Y	Y	J

## **ProUCL Outputs**

**UCL Statistics for Uncensored Full Data Sets**

User Selected Options

Date/Time of Computation ProUCL 5.110/7/2020 11:25:20 AM  
 From File Exide\_Input.xls  
 Full Precision OFF  
 Confidence Coefficient 95%  
 Number of Bootstrap Operations 2000

S0011\_DU1\_Lead\_18

**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	7
		Number of Missing Observations	0
Minimum	8.8	Mean	43.85
Maximum	130	Median	36
SD	36.69	Std. Error of Mean	12.97
Coefficient of Variation	0.837	Skewness	2.248

**Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.**

**For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).**

**Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.1**

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.722
5% Shapiro Wilk Critical Value	0.818
Lilliefors Test Statistic	0.341
5% Lilliefors Critical Value	0.283

**Shapiro Wilk GOF Test**

Data Not Normal at 5% Significance Level

**Lilliefors GOF Test**

Data Not Normal at 5% Significance Level

**Data Not Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL 68.43

**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995) 76.21  
 95% Modified-t UCL (Johnson-1978) 70.15

**Gamma GOF Test**

A-D Test Statistic	0.551
5% A-D Critical Value	0.724
K-S Test Statistic	0.246
5% K-S Critical Value	0.297

**Anderson-Darling Gamma GOF Test**

Detected data appear Gamma Distributed at 5% Significance Level

**Kolmogorov-Smirnov Gamma GOF Test**

Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	2.186	k star (bias corrected MLE)	1.45
Theta hat (MLE)	20.06	Theta star (bias corrected MLE)	30.25

nu hat (MLE)	34.98	nu star (bias corrected)	23.2
MLE Mean (bias corrected)	43.85	MLE Sd (bias corrected)	36.42
		Approximate Chi Square Value (0.05)	13.24
Adjusted Level of Significance	0.0195	Adjusted Chi Square Value	11.38

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50)	76.83	95% Adjusted Gamma UCL (use when n<50)	89.36
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.918	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.213	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.283	Data appear Lognormal at 5% Significance Level

**Data appear Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	2.175	Mean of logged Data	3.535
Maximum of Logged Data	4.868	SD of logged Data	0.751

**Assuming Lognormal Distribution**

95% H-UCL	101.9	90% Chebyshev (MVUE) UCL	78.96
95% Chebyshev (MVUE) UCL	94.98	97.5% Chebyshev (MVUE) UCL	117.2
99% Chebyshev (MVUE) UCL	160.9		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	65.19	95% Jackknife UCL	68.43
95% Standard Bootstrap UCL	63.76	95% Bootstrap-t UCL	99.42
95% Hall's Bootstrap UCL	169.5	95% Percentile Bootstrap UCL	64.73
95% BCA Bootstrap UCL	72.25		
90% Chebyshev(Mean, Sd) UCL	82.77	95% Chebyshev(Mean, Sd) UCL	100.4
97.5% Chebyshev(Mean, Sd) UCL	124.9	99% Chebyshev(Mean, Sd) UCL	172.9

**Suggested UCL to Use**

95% Adjusted Gamma UCL	89.36
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Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**UCL Statistics for Uncensored Full Data Sets**

User Selected Options

Date/Time of Computation ProUCL 5.110/7/2020 11:27:03 AM  
 From File Exide\_Input.xls  
 Full Precision OFF  
 Confidence Coefficient 95%  
 Number of Bootstrap Operations 2000

S0011\_DU2\_Lead\_12

**General Statistics**

Total Number of Observations	8	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	5.1	Mean	25.64
Maximum	70	Median	15.5
SD	22.08	Std. Error of Mean	7.808
Coefficient of Variation	0.861	Skewness	1.317

**Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.**

**For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).**

**Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.1**

**Normal GOF Test**

Shapiro Wilk Test Statistic	0.839
5% Shapiro Wilk Critical Value	0.818
Lilliefors Test Statistic	0.294
5% Lilliefors Critical Value	0.283

**Shapiro Wilk GOF Test**

Data appear Normal at 5% Significance Level

**Lilliefors GOF Test**

Data Not Normal at 5% Significance Level

**Data appear Approximate Normal at 5% Significance Level**

**Assuming Normal Distribution**

**95% Normal UCL**

95% Student's-t UCL 40.43

**95% UCLs (Adjusted for Skewness)**

95% Adjusted-CLT UCL (Chen-1995)	42.36
95% Modified-t UCL (Johnson-1978)	41.04

**Gamma GOF Test**

A-D Test Statistic	0.365
5% A-D Critical Value	0.727
K-S Test Statistic	0.245
5% K-S Critical Value	0.298

**Anderson-Darling Gamma GOF Test**

Detected data appear Gamma Distributed at 5% Significance Level

**Kolmogorov-Smirnov Gamma GOF Test**

Detected data appear Gamma Distributed at 5% Significance Level

**Detected data appear Gamma Distributed at 5% Significance Level**

**Gamma Statistics**

k hat (MLE)	1.706	k star (bias corrected MLE)	1.149
Theta hat (MLE)	15.03	Theta star (bias corrected MLE)	22.3

nu hat (MLE)	27.29	nu star (bias corrected)	18.39
MLE Mean (bias corrected)	25.64	MLE Sd (bias corrected)	23.91
		Approximate Chi Square Value (0.05)	9.674
Adjusted Level of Significance	0.0195	Adjusted Chi Square Value	8.126

**Assuming Gamma Distribution**

95% Approximate Gamma UCL (use when n>=50))	48.74	95% Adjusted Gamma UCL (use when n<50)	58.03
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**Lognormal GOF Test**

Shapiro Wilk Test Statistic	0.957	<b>Shapiro Wilk Lognormal GOF Test</b>
5% Shapiro Wilk Critical Value	0.818	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.194	<b>Lilliefors Lognormal GOF Test</b>
5% Lilliefors Critical Value	0.283	Data appear Lognormal at 5% Significance Level

**Data appear Lognormal at 5% Significance Level**

**Lognormal Statistics**

Minimum of Logged Data	1.629	Mean of logged Data	2.923
Maximum of Logged Data	4.248	SD of logged Data	0.867

**Assuming Lognormal Distribution**

95% H-UCL	74.87	90% Chebyshev (MVUE) UCL	49.5
95% Chebyshev (MVUE) UCL	60.35	97.5% Chebyshev (MVUE) UCL	75.41
99% Chebyshev (MVUE) UCL	105		

**Nonparametric Distribution Free UCL Statistics**

**Data appear to follow a Discernible Distribution at 5% Significance Level**

**Nonparametric Distribution Free UCLs**

95% CLT UCL	38.48	95% Jackknife UCL	40.43
95% Standard Bootstrap UCL	37.57	95% Bootstrap-t UCL	48.79
95% Hall's Bootstrap UCL	40	95% Percentile Bootstrap UCL	37.51
95% BCA Bootstrap UCL	41.25		
90% Chebyshev(Mean, Sd) UCL	49.06	95% Chebyshev(Mean, Sd) UCL	59.67
97.5% Chebyshev(Mean, Sd) UCL	74.4	99% Chebyshev(Mean, Sd) UCL	103.3

**Suggested UCL to Use**

95% Student's-t UCL **40.43**

When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test

When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness.

These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

**CALIFORNIA ENVIRONMENTAL QUALITY ACT  
NOTICE OF EXEMPTION**

To: Office of Planning and Research  
State Clearinghouse  
P.O. Box 3044, 1400 Tenth Street,  
Room 212  
Sacramento, CA 95812-3044

From: Department of Toxic Substances  
Control  
Site Mitigation and Restoration Program  
8800 Cal Center Drive  
Sacramento, CA 95826

**Project Title:** Time Critical Removal Action at Property Number S0011

**Project Location:** The Property is located at 1016 South Fresno Street, Los Angeles, California 90023 (Property)

**County:** Los Angeles

**Project Applicant:** Department of Toxic Substances Control

**Approval Action Under Consideration by DTSC:** Other Time Critical Removal Action

**Statutory Authority:** California Health and Safety Code, Chapter 6.8

**Project Description:** Lead-impacted soil at the Property will be excavated to a maximum of 18 inches below ground surface (bgs). Approximately 915 cubic yards of contaminated soil will be excavated and transported to a permitted facility. Approximately 1,144 cubic yards of “clean” backfill will be transported to the site to replace the excavated contaminated soil. Interior cleaning for the buildings adjacent to the excavation will be offered by California Department of Toxic Substances Control (DTSC) within two (2) weeks after completion of exterior work on the property and will be scheduled by the property owner(s), in accordance with DTSC's Temporary Relocation and Compensation Implementation Plan.

The Property is used for camping, childcare, cooling centers and recreational programs. The property may contain bare soil impacted by lead. At the property, 84 children nine (9) years of age or younger and 135 adults (children older than 9 are counted as adults) are present on a daily basis.

The California Department of Toxic Substances Control (DTSC) has determined that the presence of lead-impacted soil at the property presents a threat to the public health or welfare and the environment. Lead is a neurotoxin that accumulates both in soft tissues and the bones. DTSC has determined that a potential for complete exposure pathway for lead exists at the property. Persons at or in the vicinity of the property may ingest or inhale bare or manually disturbed soils containing elevated concentrations of lead. The group most at risk to lead-exposure related impacts are fetuses, infants, and children under age 7. DTSC, pursuant to regulatory authority granted under Health and Safety Code, Chapter 6.8, has evaluated and approved a Time Critical Removal Action (TCRA) to reduce the risk to public health and the environment from exposure to the lead-impacted soil.

**Background:** The TCRA at the Property implements DTSC's Amended Time Critical Removal Action Implementation Plan for the Exide Preliminary Investigation Area, (DTSC, March 2018) (including any modifications, amendments, or addenda thereto subsequently approved by DTSC) (TCRA Implementation Plan), 2nd Amended Master Excavation, Disposal, and Restoration Plan (DTSC, April 13, 2020) (including any modifications, amendments, or addenda thereto subsequently approved by DTSC) (Master Excavation), and DTSC's Amended Time Critical Removal Action (TCRA) Guidance, Exide Preliminary Investigation Area (including any modifications, amendments, or addenda thereto

subsequently approved by DTSC) (TCRA Guidance). DTSC developed these documents to reduce the risk to public health and the environment from exposure to lead-impacted soil at sensitive land use properties within the Preliminary Investigation Area (PIA). The PIA is the area within an approximately 1.7-mile radius of the former Exide Technologies, Inc. (Exide) lead-acid battery recycling facility in Vernon, California (hereafter, "former Exide facility"). The past operational activities at the former Exide facility resulted in the release of lead and other substances related to lead-acid battery recycling to the PIA. The Property is within the PIA.

Soil samples were collected at the Property on December 22, 2016 and discrete samples were submitted for laboratory analysis. Based on the soil analysis, the representative soil lead concentration is 165 mg/kg. The lead cleanup value for residential and sensitive use properties is 80 mg/kg. The Property has a calculated Relative Risk Ranking System score of 308 which means the soil at the Property is a relatively high risk due to the presence of lead compared to other properties considered for TCRA prioritization. As a result, it was determined by DTSC that the soil on the property should be removed until the post-remediation risk evaluation indicates a Hazard Index less than or equal to 1.

**Project Activities:** Lead-impacted soil at the Property will be excavated in accordance with the Project Excavation, Disposal and Restoration Design Plan. The excavated areas will be based on the concentrations of lead found in the soils and the accessibility of such soils for excavation. Approximately 915 cubic yards of contaminated soil (about 58 roundtrips) will be excavated and transported to a permitted facility. Approximately 1,144 cubic yards of "clean" backfill (about 72 roundtrips) will be transported to the site to replace the excavated contaminated soil. Soil excavation depths will range from 6 inches to 18 inches bgs. As part of this TCRA, DTSC's contractor will collect and analyze post confirmation samples from the bottom of the excavation that did not meet the target depth specified in the Project Excavation, Disposal and Restoration Design Plan; replace excavated soil with clean soil; restore landscaping and grass destroyed during removal actions and repair any damage to property caused by excavation activities; and transport and dispose off-site any hazardous substances, pollutants and contaminants at an approved disposal facility in accordance with U.S. EPA's Off-Site Rule (40 CFR § 300.440). Trees and established shrubs will not be removed. Areas within the biological root zone of trees or established shrubs (dripline) will be excavated to a maximum depth of 6 inches to preserve the integrity and survivability of the trees. Excavations will be conducted using small construction equipment and/or hand dug. Interior cleaning for the buildings adjacent the excavation will be offered by DTSC within two weeks after completion of exterior work on the property and will be scheduled by the property owner(s), in accordance with DTSC's Temporary Relocation and Compensation Implementation Plan.

This is a small and short-term excavation project. Excavation activities are anticipated to last up to two weeks, while loading and transportation of excavated soils for off-site disposal is expected to last two to three days. Dust control will be addressed through the integration of standard control measures with a combination of Best Available Control Measures for dust control. Measures will be used to significantly control dust emissions and reduce the potential for incidental exposure to chemicals of concern: including use of water spray; work sequencing (e.g. avoiding excavation activities during high wind conditions); and effective use of Best Management Practices (BMPs) to limit tracking of dirt by vehicles

**Name of Public Agency Approving Project:** Department of Toxic Substances Control

**Name of Person or Agency Carrying Out Project:** Department of Toxic Substances Control, Site Mitigation and Restoration Program

**Exempt Status:** Common Sense Exemption [14 CCR, Sec. 15061(b)(3)]

**Reasons Why Project is Exempt:** DTSC has determined with certainty that there is no possibility that the activities would result in "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance." (14 CCR, Sec. 15382)

DTSC has analyzed the environmental review documents for other similar cleanup activities, including the Interim Measures - Northern and Southern Assessment Areas and the Negative Declaration prepared in 2014 for those interim measures; the Addendum to the 2014 Negative Declaration, which was prepared in November 2015, as well as a July 17, 2017, Removal Action Plan (Cleanup Plan), Offsite Properties within the Exide Preliminary Investigation Area and Final Environmental Impact Report (EIR) to determine that there is no possibility that the activity in question may have a significant effect on the environment. The TCRA is an action to eliminate the direct contact threat associated with elevated levels of lead-impacted soils at the Property. The threat will be eliminated by excavation and offsite disposal.

The administrative record for this project is available to the public by appointment at the following location:

Department of Toxic Substances Control  
 Site Mitigation and Restoration Program  
 8800 Cal Center Drive  
 Sacramento, CA 95826

Additional project information is available on EnviroStor: [www.envirostor.dtsc.ca.gov/public/](http://www.envirostor.dtsc.ca.gov/public/)

Contact Person	Contact Title	Phone Number
Hortensia Muniz	Supervising Hazardous Substances Engineer	(916) 255-6632

Approver's Signature:



Date:  
 October 23, 2020

Approver's Name	Approver's Title	Approver's Phone Number
Mehdi Bettahar	Branch Chief Exide residential Cleanup	(323) 803-2515

TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: