
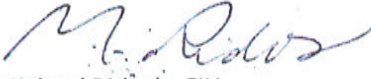




Date: June 18, 2021  
To: Hortensia Muniz, P.E.  
California Department of Toxic Substances Control  
8810 Cal Center Drive  
Sacramento, California 95826-3200

From:   
Wael Ibrahim, P.E.  
Principal Engineer  
P.E. Registration No. C-48336



  
Michael Ridosh, CIH  
Lead-Certified Industrial Hygienist  
Certificate No. CP6027



Subject: Letter of Completion for 1155 Los Palos Street, Los Angeles, CA 90023  
PIA-05444, 5191004003

## EXECUTIVE SUMMARY

This Letter of Completion (LOC) documents the cleanup activities that were completed at the above referenced property (hereafter, the Property). The Property location and surrounding area are shown on Figure 1.

National Engineering & Consulting Group, Inc. (NEC) completed the cleanup in accordance with the Department of Toxic Substances Control's (DTSC's) approved plans.<sup>1</sup> The cleanup activities were implemented as part of the cleanup of sensitive land use properties with lead-impacted soil 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, located in Vernon, California (hereafter, the "former Exide facility").

The selection of the soil target cleanup goal conservatively assumes that the exposure pathways represent the potential for ingestion, inhalation, and direct contact with soil by sensitive individuals under a residential exposure land use scenario. As concluded by HERO Note 3 (DTSC, 2020b), a soil lead concentration of 80 ppm<sup>2</sup> or less in a residential land use will be protective of all residents including children and women of childbearing age.

NEC, in coordination with DTSC, used the analytical results from sampling events to determine the depths and areas to be excavated. The excavated areas were backfilled with clean soil and restored with landscaping

<sup>1</sup> Removal Action Plan (Cleanup Plan) – Offsite Properties within the Exide Preliminary Investigation Area (Cleanup Plan) (DTSC, 2017a), 2<sup>nd</sup> Amended Master Excavation, Disposal, and Restoration Design Plan (Work Plan) (DTSC, 2020a), and the Property-Specific Excavation, Disposal, and Restoration Design Plan for the Property (Property Plan) (Attachment A).

<sup>2</sup> Parts per million (ppm) and milligrams per kilogram (mg/kg) are equivalent units in soil.

materials selected by the Property Owner. A post-cleanup evaluation was conducted to assess the representative soil lead concentration in surface soils from 0 to 18 inches below ground surface (bgs). The post-cleanup representative soil lead concentration at the Property is 166 ppm, which does not achieve the cleanup goal of a representative soil lead concentration of 80 ppm. The excavated areas have been backfilled with clean soil that will act as a barrier and reduce the potential for ingestion, inhalation, and direct contact to the elevated concentrations of lead. This Property may be evaluated further in the future.

## **1.0 INTRODUCTION**

This LOC documents the cleanup activities that were completed at the Property, including confirmation sampling results and comparison to DTSC's cleanup goal, written and tabular summary of disposal activities, the results of restoration activities, and any difficulties encountered during the cleanup work. This LOC also includes a post-cleanup evaluation for the Property.

### **1.1 PROPERTY DESCRIPTION AND HISTORY**

This Property is located within the PIA (Figure 1). Activities conducted between 1922 and March 2014 at the former Exide facility likely resulted in the release of lead that contaminated properties within the PIA. Prior sampling at the Property identified representative lead concentrations in the surface soils that exceeded DTSC's Residential Soil Screening Level of 80 ppm.

### **1.2 PREVIOUS ENVIRONMENTAL INVESTIGATIONS**

This Property was initially sampled as PIA-05444 on February 2, 2016 (see Attachment I-1 for sampling report data). The representative soil lead concentration<sup>3</sup> for lead in surface soil (0 to 3 inches bgs) at the Property using initial sampling data was [#] ppm (Attachment I-1)<sup>4</sup>, and the maximum laboratory concentration was 260 ppm, which met the prioritization criteria in DTSC's July 2017 Cleanup Plan.

### **1.3 EXCAVATION, DISPOSAL, AND RESTORATION DESIGN PLAN**

Prior to the start of excavation activities, NEC conducted evaluation of site conditions to established the outer boundaries of the excavation area (Attachment I-1). The decision was made to excavate the soil to maximum depth of 18 inches and then collect post-excavation samples. Post-excavation samples were used to determine the remaining concentrations of lead at the property. A Pre-construction Meeting was conducted by NEC representative with the Property Owner or their representative to discuss the work to be conducted, including designating work areas (exclusion zone) which were restricted to authorized personnel only (Figure 5). The Property Owner or their representative selected their desired landscape finish option at the Pre-construction Meeting (Figure 6). The maximum depth allowed in the Work Plan, was used to establish the excavations

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<sup>3</sup> A representative soil lead concentration is determined by the 95 percent upper confidence limit (UCL) of the mean lead concentration in soil. If a minimum of 8 samples were not collected, the representative soil lead concentration is based on the maximum concentration.

<sup>4</sup> The UCL used for prioritization was taken from DTSC's database.

depth(s) and was included in the Proposed Excavation Plan (Figure 3, Attachment A), which was approved by DTSC.

#### **1.4 HEALTH AND SAFETY PLAN**

All work conducted at the Property was in accordance with DTSC's approved project plans and NEC's Health and Safety Plan for the project (NEC, 2018).

#### **2.0 PUBLIC PARTICIPATION**

The Property Owner signed an access agreement granting access for cleanup activities to be conducted at the Property (Attachment A). Owners and tenants of neighboring properties were made aware of the upcoming excavation, disposal, and restoration activities by posted signage (Attachment B). During cleanup, a sign displaying appropriate contact information was placed at the front of the Property as well as areas within the line of sight of the activities. Contact information included a hotline where concerned parties could call to obtain more information. The hotline was staffed between 8:00 AM and 5:00 PM by a bilingual representative who collected caller information and forwarded any inquiries to DTSC representatives. The project stakeholders for this work include the following: the Property Owner, residents of the Property and adjoining properties, DTSC, the Contractor and its subcontractors, and the local government.

#### **3.0 PROPERTY PREPARATION ACTIVITIES**

During the Pre-construction Meeting, DTSC and NEC's representative staff discussed with the Property Owner the schedule, activities to be completed, protection of Property fixtures, relocation needs, and Property Owner's preference regarding the final surface restoration of the Property. NEC informed DTSC staff of the anticipated timeframe, and that information was relayed to the Property Owner by DTSC. NEC's representative and DTSC staff met with the Property Owner and presented them with restoration options including but not limited to: sod, lava rock, mulch, and sustainable landscaping. The Property Owner or their representative selected their desired landscape finish option at this meeting (Figure 6).

#### **3.1 MAPPING OF EXCAVATION AREAS**

Pre-excavation samples were not collected. The decision was made to excavate the soil to maximum depth of 18 inches and then collect post-excavation samples (Figure 3). The work zones were established prior to the start of excavation and restricted to authorized personnel only (Figure 5).

#### **3.2 UTILITY SURVEY**

In accordance with State of California requirements, NEC notified Underground Service Alert (USA) prior to excavation operations (Attachment C). This was done to identify gas, drainage, electrical, communications, and sanitary sewer lines, as well as any other subsurface features, and to mark their locations. Underground utilities were exposed by hand digging as an additional safety precaution. Areas within approximately six (6) inches of underground utilities were not disturbed to prevent damage to the appurtenances.

### **3.3 PERMITS, NOTIFICATIONS, AND DOCUMENTATION**

Work was performed in accordance with applicable local, state, and federal regulations as well as DTSC's approved plans.<sup>5</sup> See Attachment C for USA notification, required permits, and California Department of Public Health (CDPH) Abatement of Lead Hazards Evaluation Notification Form 8551 and Lead Hazard Evaluation Report 8552. No construction-related damage was done to the City's property.

### **4.0 PLANNED EXCAVATION ACTIVITIES**

The laboratory results from the initial sampling conducted were used to establish the boundaries of the excavation. The target excavation depth was set at the maximum depth of 18 inches (Figure 3, Table 1 and Attachment A).

#### **4.1 PROPERTY CLEARING AND DEBRIS REMOVAL**

No distinct clearing or debris removal occurred for this property.

#### **4.2 ACTUAL EXCAVATION ACTIVITIES**

All open windows, air vents, doorways or potential air pathways entering the Property were sealed with plastic sheeting as an additional measure to ensure no fugitive dust would enter the residence. Plastic sheeting was placed on the ground as needed to prevent spilled waste from contacting the ground surface. After cleanup activities were completed, all tools and equipment operating on the Property were cleaned over the plastic sheeting using dry decontamination methods. Vacuums equipped with HEPA filters were used daily to clean areas surrounding the excavation and construction travel areas. Decontamination containers were clearly marked to identify the wash and rinse containers to be used. To avoid potential cross-contamination, rinse water was placed on the excavated soil being temporarily staged prior to transport to the disposal facility and was not applied to any of the open excavations.

Daily logs of the field activities are included in Attachment D. See Figure 4 and Table 2 for excavation depths and quantities of lead-impacted soil removed. Excavation activities did not include the removal of lead-impacted soils from beneath or inside existing inaccessible or permanent features (e.g., structures, roads, sidewalks, brick patios, and driveways).

#### **4.3 EXCAVATED SOIL MANAGEMENT**

NEC prepared a Local and Long-Distance Transportation Map (Figure 7 and 8) to outline the route of transport of contaminated soil to the pre-approved landfill. All wastes generated during cleanup activities were transported to a Treatment, Storage, and Disposal Facility (TSDF) operating under appropriate permits and in accordance with applicable regulations. All trucks traveled on approved streets identified in the Transportation Plan and the Traffic Management Plans and were labeled appropriately during transport activities to be distinguishable from other trucks in the area. Waste manifests and weight tickets are provided in Attachment E.

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<sup>5</sup> Mitigation Monitoring and Reporting Program, Greenhouse Gas Emissions Reduction Plan, Noise Mitigation Plan, Transportation Plan, (DTSC, 2017a); and the City of Los Angeles Specific Traffic Management.

#### **4.4 BEST MANAGEMENT PRACTICES**

Best management practices (BMPs) were used to prevent storm water run-on and run-off; minimize, reduce, avoid or mitigate noise and vibrations during cleanup activities; and prevent the idling of diesel-fueled commercial vehicles for more than 5 minutes.

#### **4.5 AIR AND DUST MONITORING**

Fugitive dust control and air monitoring was performed to comply with federal, state, and local air quality regulations (South Coast Air Quality Management District (SCAQMD) Rules 403 and/or 1466) for dust emissions, as well as DTSC's Work Plan; which require application of specific measures during all earth-moving operations.

Air monitoring was performed during soil excavation and backfilling activities in accordance with section 6.3 of the Work Plan using real-time particulate monitors. Results of air monitoring and air quality standard are presented in Tables 5a and Attachment M.

These results were compared with California's Ambient Air Quality Standards (CAAQS) and the United States Environmental Protection Agency (USEPA) for particulate matter measuring 10 microns in diameter (PM10). Both standards pertain to PM10 emissions occurring over a 24-hour period. On an approximately hourly basis, the real-time monitoring data was evaluated by the field staff. If the difference (delta) between the upwind and downwind monitors appeared to be above the allowable threshold, the work was stopped, and dust suppression measures were immediately put in place to minimize dust emission.

#### **4.6 PROPERTY RESTORATION AND BACKFILLING ACTIVITIES**

After the excavation, backfill, and any necessary compaction activities were completed, excavated areas were restored to conditions previously agreed upon with the Property Owner. A signed copy of the Property Owner-approved landscaping plan is included in Attachment A and the backfill volume is documented on Table 2.

##### **4.6.1 Backfill Details**

The sources of backfill were inspected and samples were analyzed for the presence of chemicals before being brought to the Property. Backfill samples were analyzed for asbestos, Title 22 metals, volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPHs), and Polychlorinated biphenyls (PCBs). Analytical results showed that all parameters were at or below concentrations identified in DTSC's Clean Imported Fill Material Guidance (DTSC, 2001). Relevant data and documentation pertaining to backfill materials used on the Property are presented in Table 2, Table 3, and Attachment K.

##### **4.6.2 Property Restoration Details**

Backfill was placed in approximately 6-inch lifts and then moderately compacted. Compaction testing was not conducted in the excavation area since it was not required. Upon completion of the backfill and restoration activities, a DTSC's representative conducted a meeting with the Property Owner and obtained a signed Project Closeout Form (Attachment F).

#### **4.7 SURVEYING ACTIVITIES**

A post-excavation survey was not required.

#### **5.0 DATA INTERPRETATION**

Laboratory analytical results from the initial soil samples and post-excavation confirmation soil samples were used to calculate a post-excavation representative soil lead concentration at the bottom of the excavation. (Figure 2, Table 1).

##### **5.1 LABORATORY ANALYSIS**

Post-excavation confirmation soil samples were collected from the Property following the procedures in the Work Plan, provided to the laboratory intact with appropriate labels and matching chain of custody (Attachment I) and analyzed in accordance with USEPA Method 6010B for lead.

##### **5.2 EVALUATION OF CONFIRMATION SAMPLE RESULTS**

Post-excavation confirmation samples were collected at the bottom of the excavation in selected areas where the targeted excavation depth could not be achieved due to field conditions. The representative soil lead concentration for 0 to 18 inches bgs is 166 ppm (Table 1 and Attachment H), which does not achieve the cleanup goal of a representative soil lead concentration of 80 ppm.

##### **5.3 QUALITY ASSURANCE AND QUALITY CONTROL EVALUATION**

Quality Control Samples were collected in accordance with the Quality Assurance Project Plan (QAPP) (DTSC, 2018b). All Laboratory data was validated in accordance with the QAPP, and the validation report is attached (Attachment J).

#### **6.0 WASTE CHARACTERIZATION AND DISPOSAL**

Waste soil samples were collected during the sampling event at the Property following procedures in the Work Plan and provided to the laboratory intact with appropriate labels and matching chain of custody (Table 4 and Attachment L).

##### **6.1 LABORATORY ANALYSIS**

A composite waste soil sample was collected from the Property following procedures in the Work Plan and was analyzed using USEPA Method 6010B for lead including Total Threshold Concentration (TTLC), Soluble Threshold Limit Concentration (STLC), and Toxicity Characteristic Leaching Procedure (TCLP); and USEPA Method 6010B for antimony, zinc, copper, cadmium, and arsenic.

##### **6.2 DISPOSAL**

NEC obtained the disposal facility's approval prior to transporting waste soil. Attachment L includes the approval documentation from the disposal facility for the Property. Waste manifests and weight tickets are provided in Attachment E. The soil was transported from the Property with a completed manifest and other wastes (such as

## LETTER OF COMPLETION

PIA-05444

5191004003

plastic sheeting and decontamination water). The soil loading and off-haul routes are designated in the Transportation Plan (Figure 7 & 8).

### **7.0 FIELD VARIANCES**

The following were field variances from the approved Work Plan and Property Plan:

- Eight (8) pre-excavation confirmation samples were not collected at the request of DTSC. Only waste profile samples were collected.
- The excavation depth of 18 inches bgs was not achieved under tree canopies in areas A1, A2, and A3 to avoid any damage to the biological root zones of the trees.
- Eight post excavation confirmation samples were collected at this property.

### **8.0 POST-CLEANUP EVALUATION**

Following completion of the cleanup activities at the Property, a post-excavation evaluation was conducted to assess the residual lead concentrations remaining in surface soils (0 to 18 inches bgs) at the Property. The data for soil remaining at the property, collected during all investigations (i.e., initial sampling and post-excavation confirmation sampling) were used to calculate a post-cleanup representative soil lead concentration. The initial sample data that remain in place was used for the post-cleanup evaluation. A statistical summary of the data set is included in Table 1. A maximum concentration of 230 ppm remains at a depth of 12 inches bgs in area A1, the target depth, where excavation was limited to preserve the structural integrity of the adjacent walls.

### **9.0 SUMMARY AND CONCLUSIONS**

The activities conducted at the Property were carried out in accordance with the Cleanup Plan, Work Plan, and Property Plan. Lead-impacted soil was excavated and transported to mitigate the threat posed to public health and the environment by the presence of elevated concentrations of lead in the accessible surface soils. The excavated areas were based on the concentrations of lead found in the soil and the accessibility of the soil for excavation.

Excavated areas have been backfilled with clean soil. Below excavated areas, lead in the soil remains above the cleanup goal of a representative soil lead concentration of 80 ppm. The representative soil lead concentration remaining in surface soils (0 to 18 inches bgs) is 166 ppm (Table 1), which does not achieve the cleanup goal of a representative soil lead concentration of 80 ppm. A maximum concentration of 230 ppm remains at a depth of 12 inches bgs in area A1, the target depth, where excavation was limited, to preserve the structural integrity of the adjacent walls.

The Property was backfilled and landscaped in accordance with the Property Owner's preferences. The backfill and landscaping materials will reduce the potential for ingestion, inhalation, and dermal or direct contact with any remaining lead. This Property may be evaluated further in the future.

## 10.0 REFERENCES

40 Code of Federal Regulations, Part 300.

Subpart E of the National Oil and Hazardous Substances Pollution Contingency Plan (40 C.F.R. § 300.400 et seq.), as amended (i.e., the National Contingency Plan or NCP).

California Code of Regulations, Title 22, Division 4.5

California Health and Safety Code, Division 20, Chapter 6.5, sections 25100 et seq.

California Health and Safety Code, Division 20, Chapter 6.8, sections 25300 et seq.

DTSC, 2001. Information Advisory for Clean Imported Fill Material. October.

DTSC, 2008. Proven Technologies and Remedies Guidance – Remediation of Metals in Soil. August 29.

DTSC, 2017a. Removal Action Plan (Cleanup Plan) – Offsite Properties within the Exide Preliminary Investigation Area. July.

DTSC, 2017b. Final Environmental Impact Report for Offsite Properties within the Exide Preliminary Investigation Area. July.

DTSC, 2018a. DTSC Temporary Relocation and Compensation Implementation Plan. March.

DTSC, 2020a. 2<sup>nd</sup> Amended Master Excavation, Disposal, and Restoration Design Plan. April.

DTSC, 2018b. Quality Assurance Project Plan (QAPP) for Sampling and Analysis Related to Cleanup Activities for Properties in the Vicinity of the Exide Facility (Vernon, California). May 24.

DTSC, 2020b. Human and Ecological Risk Office Human Health Risk Assessment, NOTE NUMBER 3. June.

DTSC, 2019b. Traffic Management Plan for County of Los Angeles, Offsite Properties within the Exide Preliminary Investigation Area. April 8, 2019.

National Engineering and Consulting Group, Inc. (NEC), 2018. Exide Off-site Remediation Health and Safety Plan. December 7. With addendum March 20, 2020.

South Coast Air Quality Management District, 2005. Rule 403 – Fugitive Dust. June 3.

South Coast Air Quality Management District, 2017. Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminants. July 7.

U.S. EPA, Office of Solid Waste, Communications, Information, and Resources Management Division, 1998. RCRA Orientation Manual, Subtitle C – Managing Hazardous Waste. May.

U.S. EPA Lead Sites Workgroup (LSW), 2003. Superfund Lead-Contaminated Residential Sites Handbook, August.

U.S. EPA, 2017. Regional Screening Levels (RSLs) – Generic Tables. November.

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4. SUMMARY OF WASTE PROFILE ANALYTICAL RESULTS
5. SUMMARY OF ENVIRONMENTAL AIR MONITORING
- 5A. SITE MONITORING DATA

### ATTACHMENTS

- A. SITE ACCESS AGREEMENT & INITIAL VISIT EVALUATION & SIGNED LANDSCAPE RESTORATION PLAN & PROPERTY EXCAVATION, DISPOSAL AND RESTORATION DESIGN PLAN
  - A1. ACCESS AGREEMENT
  - A2. INITIAL VISIT EVALUATION FORM
  - A3. SIGNED LANDSCAPE RESTORATION PLAN
  - A4. PROPERTY EXCAVATION, DISPOSAL AND RESTORATION DESIGN PLAN
- B. PHOTO DOCUMENTATION
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- J. LABORATORY DATA VALIDATION REPORT

LETTER OF COMPLETION

PIA-05444

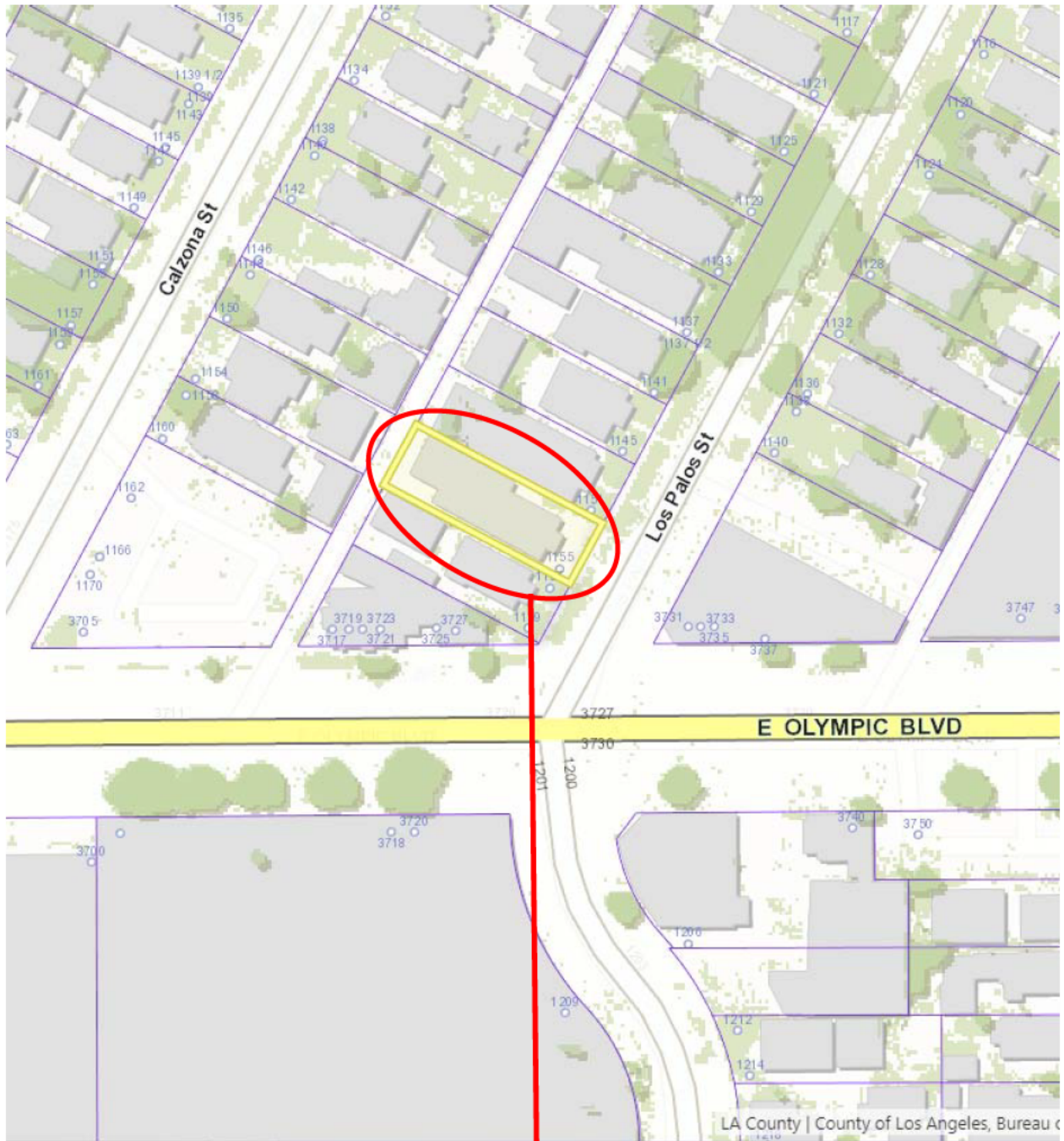
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- K. BACKFILL SOIL SAMPLING DATA AND APPROVAL
- L. WASTE CHARACTERIZATION AND LANDFILL APPROVAL
  - L1. WASTE CHARACTERIZATION
  - L2. LANDFILL APPROVAL
- M. AIR MONITORING DATA

## FIGURES

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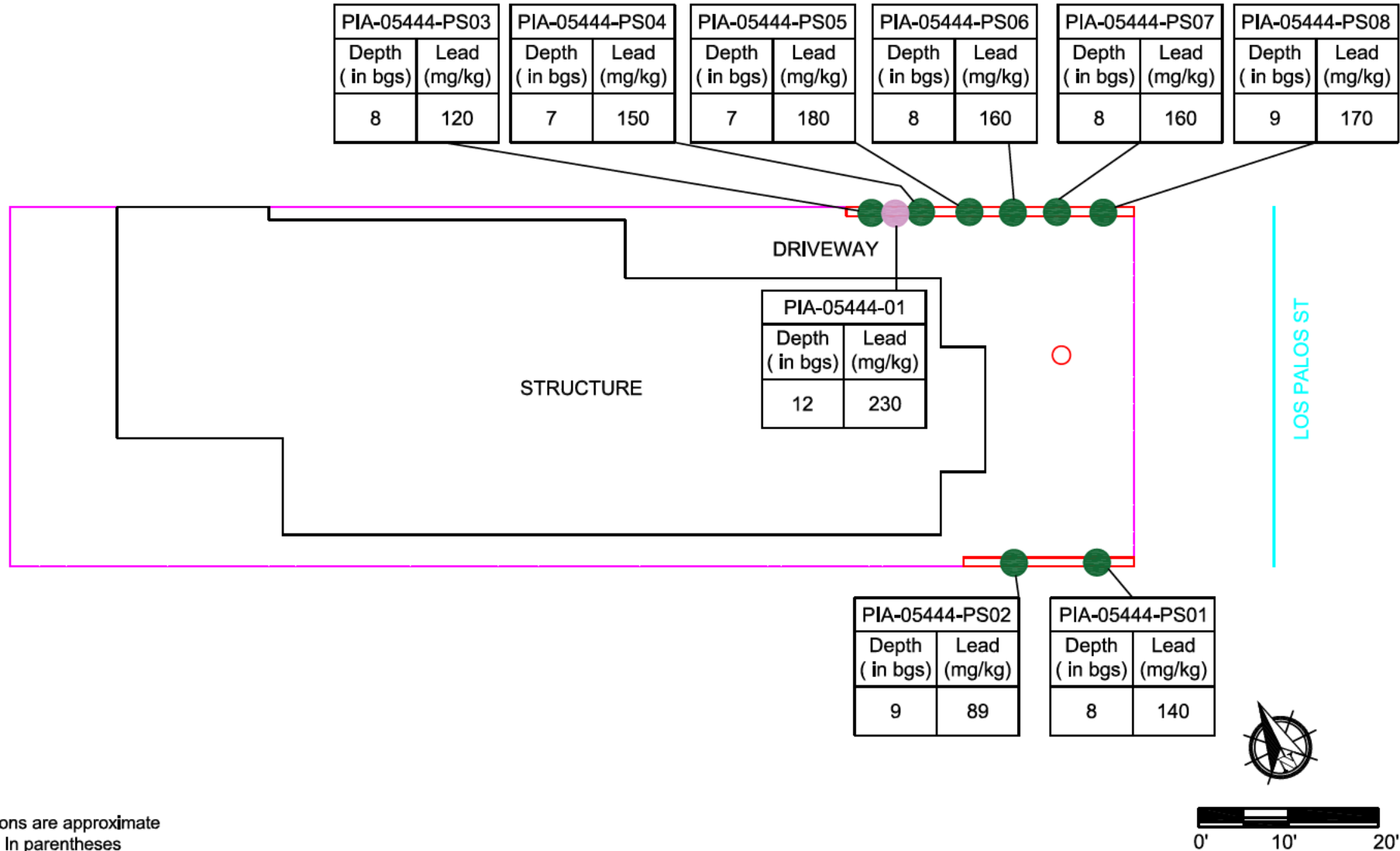
Figure 1. Site Vicinity Map



Project site

**LEGEND**

- PARCEL BUILDING(S)
- STREET
- - - PARCEL BOUNDARY
- ▭ EXCAVATION AREA
- INITIAL SAMPLE LOCATION
- POST-EXCAVATION SAMPLE LOCATION
- mg/kg MILLIGRAMS PER KILOGRAM



**Notes:**

1. All sample locations are approximate
2. Duplicate results in parentheses

**Excavation Confirmation  
Sample Location Plan**

Figure 2



INITIAL DATE: 01-27-2021  
 REVISION DATE: 04-20-2021  
 NEC Project # : ND-1803-PIA-05444  
 Client : DTSC

DRAWN BY: JHM  
 REVISED BY: BT  
 CHECKED BY: SB  
 SUBMITTED BY: GD

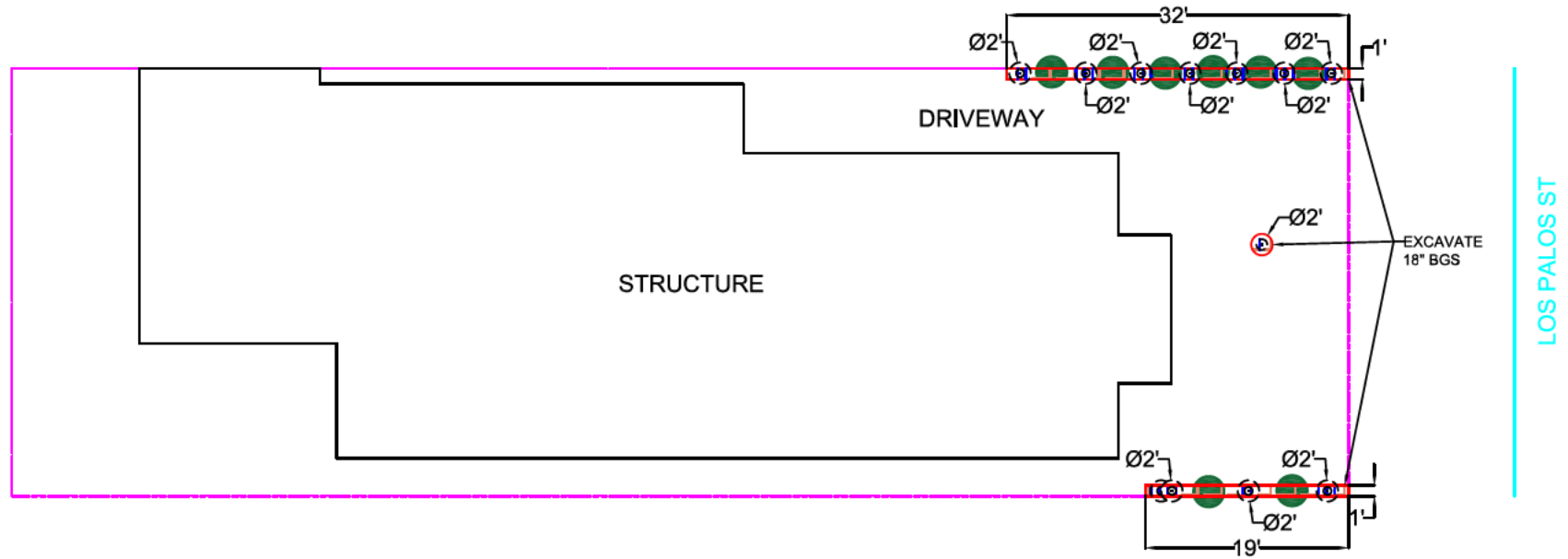
**PIA-05444**  
 1155 Los Palos Street,  
 Los Angeles, CA 90023  
 APN: 5191004003

**Comments:**

1. All excavation will be completed in accordance to the Amended Master Excavation Plan.
2. Eight (8) post-excavation samples will be collected.
3. Leave all marked plants.
4. Proposed property excavation depth is 18 inches below grade surface.

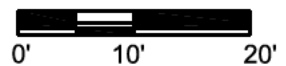
**LEGEND**

- PARCEL BUILDING(S)
  - STREET
  - PARCEL BOUNDARY
  - ⊙ TREE OR LARGE BUSH
  - ▤ EXCAVATION AREA (6 IN. BELOW GRADE)
  - ▥ EXCAVATION AREA (18 IN. BELOW GRADE)
  - PROPOSED POST-SAMPLE LOCATION
- NOTE:** Additional post-samples may be collected in areas where depth is not achieved.



**Notes:**

1. Parcel Measures 40'x125' In county assessor's map
2. Approximate Excavation Area: 54 sq ft
3. Approximate Excavation Volume: 2 CY



**Proposed Excavation Plan**

Figure 3



INITIAL DATE: 01-27-2021

REVISION DATE: 02-08-2021

NEC Project # : ND-1803-PIA-05444

Client : DTSC

DRAWN BY: JHM

REVISED BY: BT

CHECKED BY: SB

SUBMITTED BY: GD

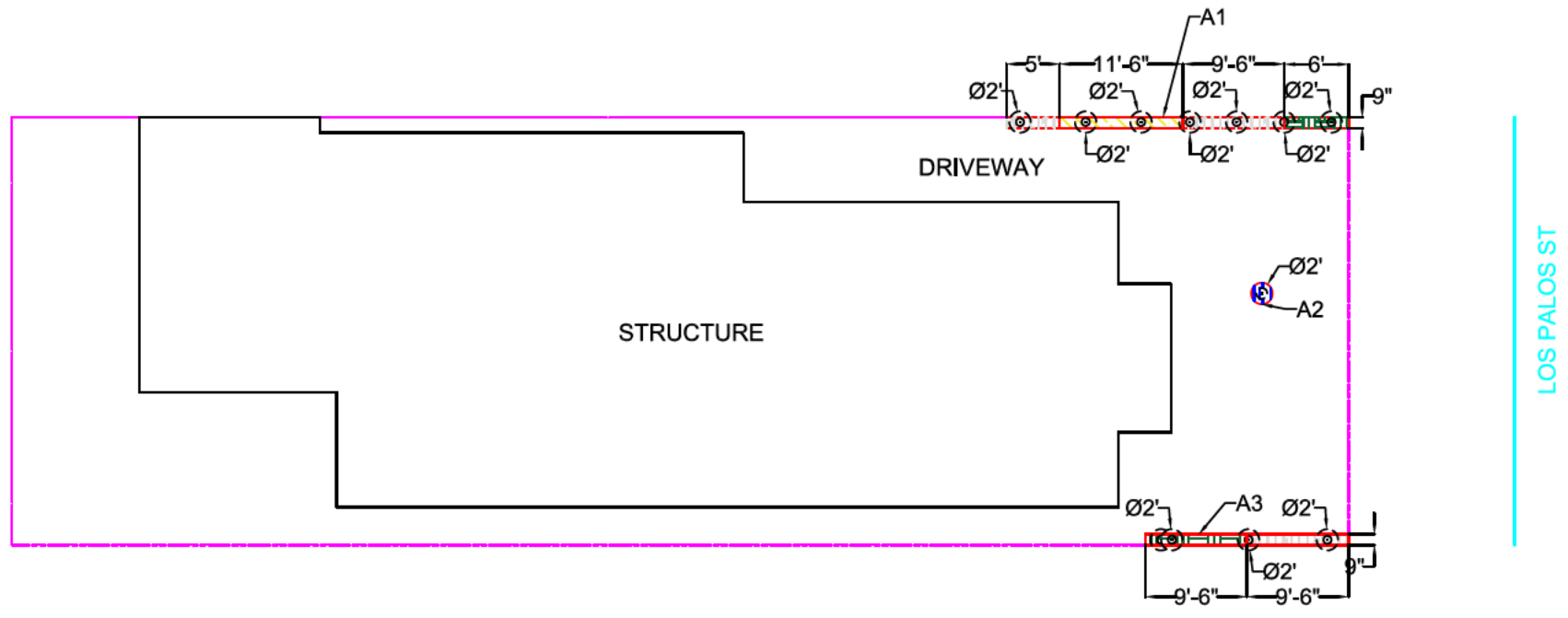
**PIA-05444**

1155 Los Palos Street,  
Los Angeles, CA 90023

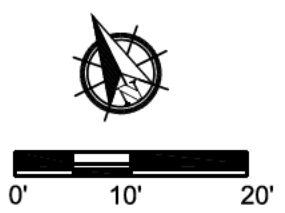
APN: 5191004003

**LEGEND**

- PARCEL BUILDING(S)
- STREET
- - - PARCEL BOUNDARY
- ⊙ TREE OR LARGE BUSH
- ▤ EXCAVATION AREA (6 IN. BELOW GRADE)
- ▥ EXCAVATION AREA (7 IN. BELOW GRADE)
- ▧ EXCAVATION AREA (8 IN. BELOW GRADE)
- ▨ EXCAVATION AREA (9 IN. BELOW GRADE)
- A# FIELD VARIANCE LOCATION



- Notes:
1. Parcel Measures 40'x125' In county assessor's map
  2. Approximate Excavation Area: 41 sq ft
  3. Approximate Excavation Volume: 1 CY



**As-Built  
Excavation Plan**

Figure 4



INITIAL DATE: 01-27-2021	DRAWN BY: JHM
REVISION DATE: 04-07-2021	REVISED BY: BT
NEC Project # : ND-1803-PIA-05444	CHECKED BY: SB
Client : DTSC	SUBMITTED BY: GD

**PIA-05444**  
 1155 Los Palos Street,  
 Los Angeles, CA 90023  
 APN: 5191004003

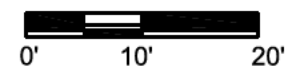
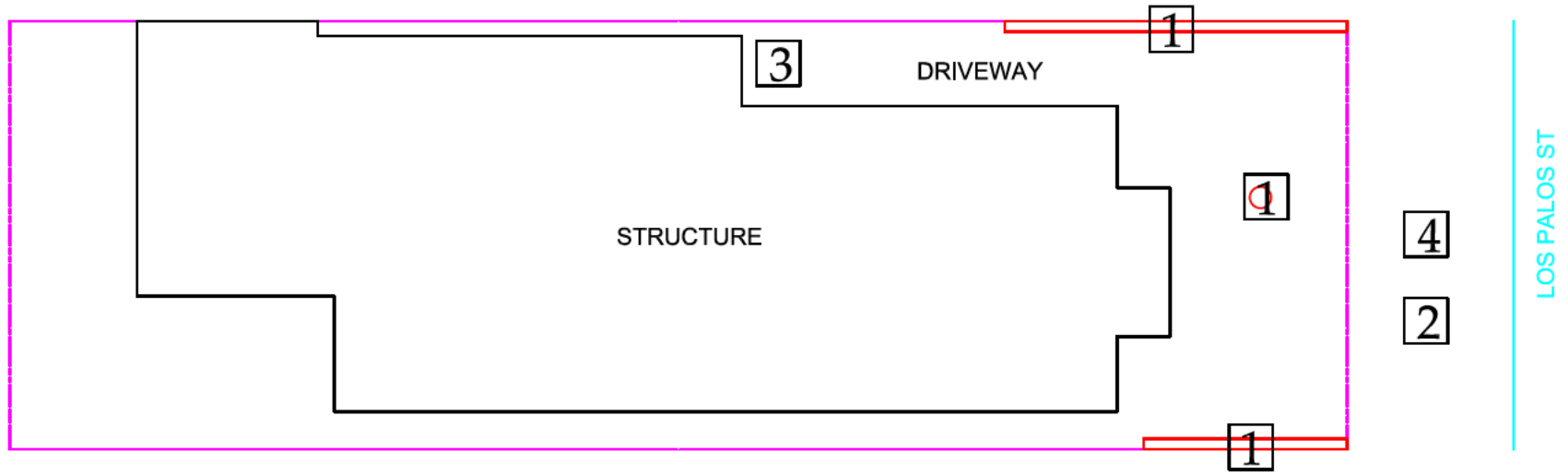
WORK ZONES

- 1** EXCLUSION ZONE
- 2** CONTAMINATION REDUCTION ZONE (DECONTAMINATION ZONE)

- 3** STAGING AREA
- 4** SUPPORT ZONE

LEGEND

- PARCEL BUILDING(S)
- STREET
- - - PARCEL BOUNDARY
- ▭ EXCAVATION AREA



**Staging and Work Zones Plan**

Figure 5



INITIAL DATE: 01-27-2021  
 REVISION DATE: 02-08-2021  
 NEC Project # : ND-1803-PIA-05444  
 Client : DTSC

DRAWN BY: JHM  
 REVISED BY: BT  
 CHECKED BY: SB  
 SUBMITTED BY: GD


**PIA-05444**  
 1155 Los Palos Street,  
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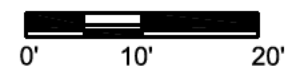
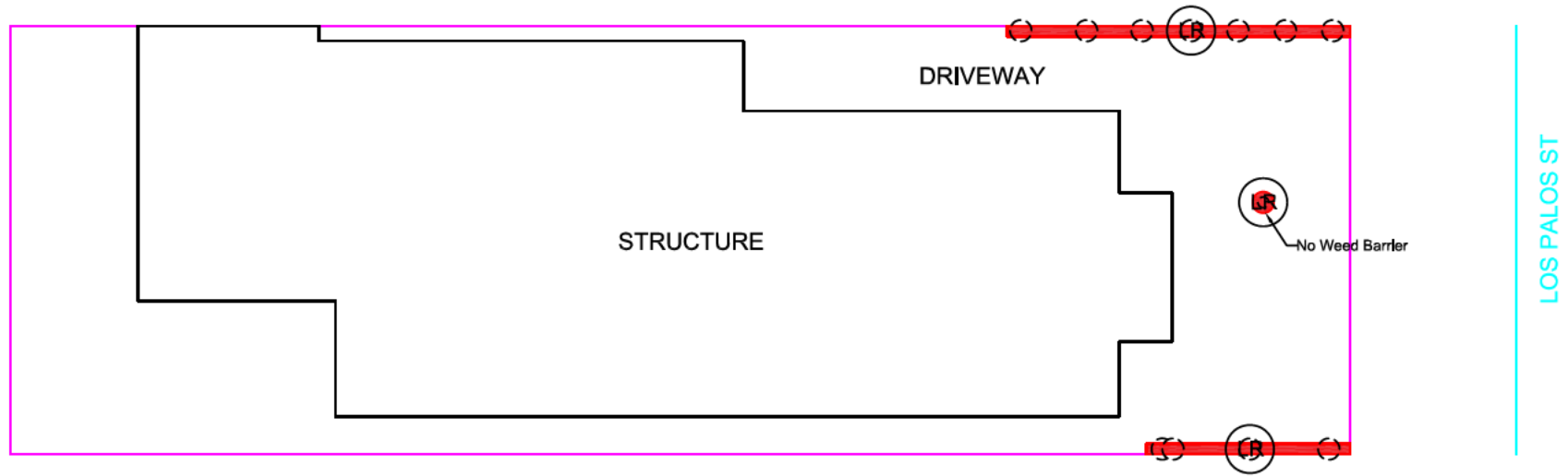
**Comments:**

1. Place bender board between any TWO different materials.
2. Topsoil = Planter Box Mix
3. Typical Installation Includes Weed Barrier under all rock and mulch areas.
4. Top Soil under all Lava Rock.

**LEGEND**

- PARCEL BUILDING(S)
- - - PARCEL BOUNDARY

- LAVA ROCK (LR)
-  TREE OR LARGE BUSH



**Restoration Plan**

Figure 6



INITIAL DATE: 01-27-2021

REVISION DATE: 04-07-2021

NEC Project # : ND-1803-PIA-05444

Client : DTSC

DRAWN BY: JHM

REVISED BY: BT

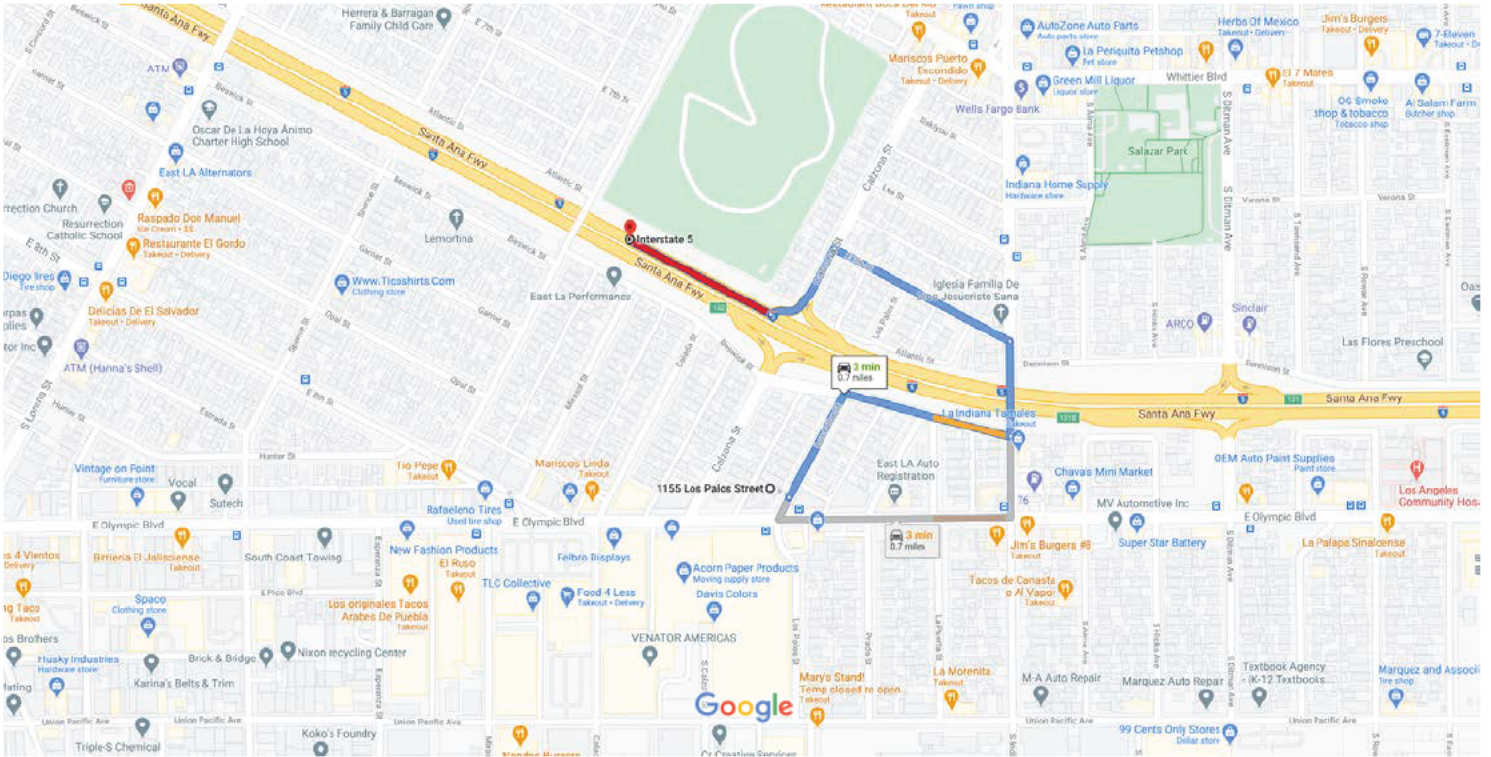
CHECKED BY: SB

SUBMITTED BY: GD

**PIA-05444**

1155 Los Palos Street,  
Los Angeles, CA 90023

APN: 5191004003



Map data ©2021 200 ft

### 1155 Los Palos St

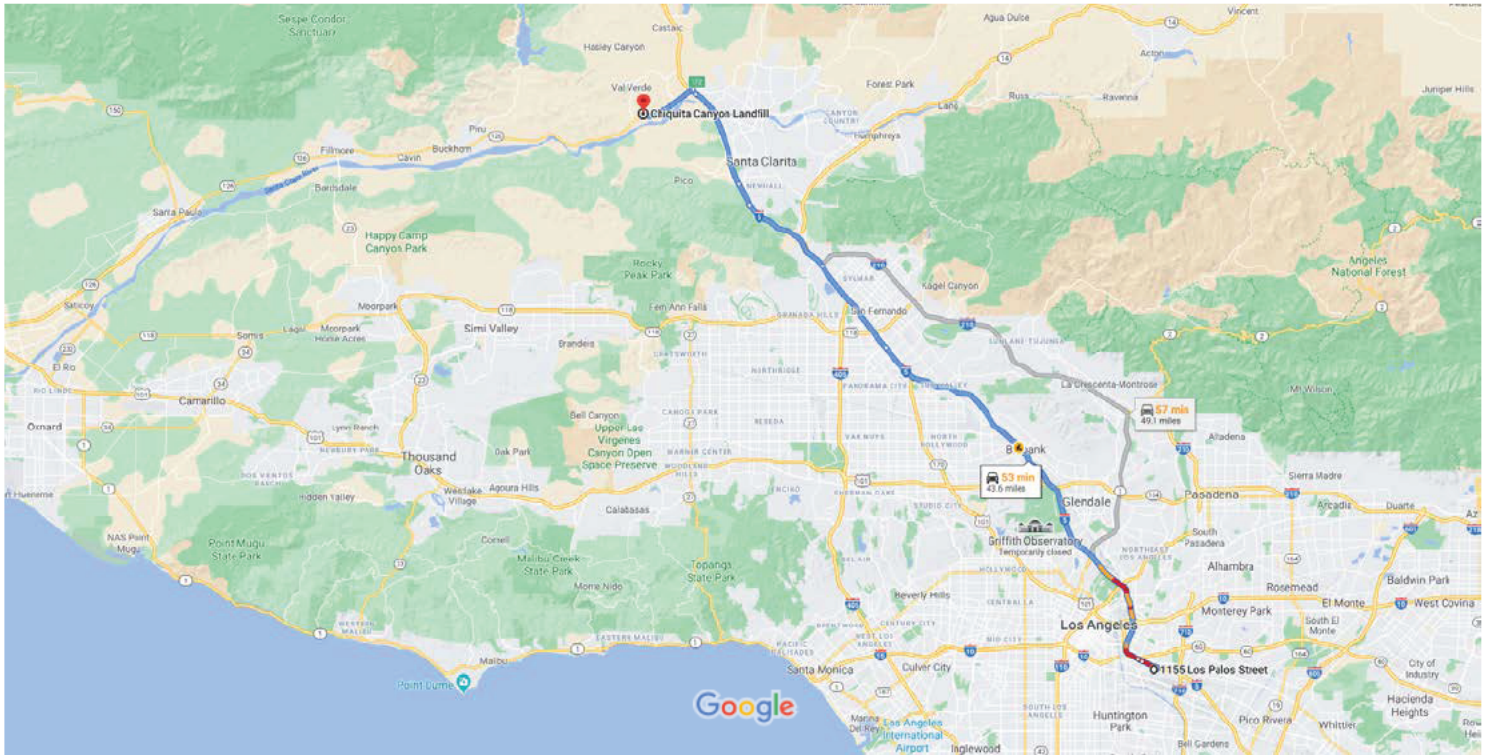
Los Angeles, CA 90023

- ↑ 1. Head northeast on Los Palos St toward Beswick St  
495 ft
- ↘ 2. Turn right onto Beswick St  
0.1 mi
- ↙ 3. Turn left onto S Indiana St  
400 ft
- ↙ 4. Turn left onto E 7th St  
0.2 mi
- ↙ 5. Turn left onto Calzona St  
417 ft
- ⤴ 6. Merge onto I-5 N  
0.1 mi

### I-5

Los Angeles, CA 90023

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.



Map data ©2021 Google 2 mi

### 1155 Los Palos St

Los Angeles, CA 90023

#### Take Beswick St and E 7th St to I-5 N

- 2 min (0.5 mi)

↑ 1. Head northeast on Los Palos St toward Beswick St

---

495 ft
- ➔ 2. Turn right onto Beswick St

---

0.1 mi
- ↶ 3. Turn left onto S Indiana St

---

400 ft
- ↶ 4. Turn left onto E 7th St

---

0.2 mi
- ↶ 5. Turn left onto Calzona St

---

417 ft

#### Follow I-5 N to CA-126 W in Santa Clarita. Take exit 172 from I-5 N

- 38 min (40.0 mi)

⤴ 6. Merge onto I-5 N

---


0.7 mi
- ↗ 7. Keep right at the fork to stay on I-5 N, follow signs for I-10 W/Santa Monica/Interstate 5 N/Sacramento

---


0.3 mi
- ↶ 8. Keep left to stay on I-5 N, follow signs for Sacramento

---


22.2 mi

-  9. Keep left to stay on I-5 N  



---

 5.2 mi
-  10. Keep left at the fork to stay on I-5 N  



---

 5.0 mi
-  11. Keep left to stay on I-5 N  


---

 1.2 mi
-  12. Keep left to stay on I-5 N  



---

 5.1 mi
-  13. Use the right 2 lanes to take exit 172 for CA-126  
 W/Newhall Ranch Rd  




---

 0.3 mi



**Follow CA-126 W to your destination**

- 5 min (3.1 mi)
-  14. Use the left 3 lanes to turn left onto CA-126 W  




---

 2.9 mi
-  15. Turn right  
 Partial restricted usage road  





---

 0.1 mi
-  16. Turn left  
 Restricted usage road  


---

 148 ft
-  17. Make a U-turn  
 Restricted usage road  


---

 118 ft
-  18. Turn right  
 Restricted usage road  
 Destination will be on the right  


---

 82 ft

**Chiquita Canyon Landll**

29201 Henry Mayo Dr, Castaic, CA 91384

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

## **TABLES**

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**Table 1. Summary of Soil Sampling Laboratory Results for Post-Cleanup Evaluation**

PIA-05444 - 1155 Los Palos Street, Los Angeles, CA 90023

Sample ID	Date Sampled	Event	Lead (mg/kg)			
			7 in bgs	8 in bgs	9 in bgs	12 in bgs
PIA05444-1	2/2/2016	Initial	-	-	-	<b>230</b>
PIA-05444-PS01	3/16/2021	PSO	-	<b>140</b>	-	-
PIA-05444-PS02	3/16/2021	PSO	-	-	<b>89</b>	-
PIA-05444-PS03	3/16/2021	PSO	-	<b>120</b>	-	-
PIA-05444-PS04	3/16/2021	PSO	<b>150</b>	-	-	-
PIA-05444-PS05	3/16/2021	PSO	<b>180</b>	-	-	-
PIA-05444-PS06	3/16/2021	PSO	-	<b>160</b>	-	-
PIA-05444-PS07	3/16/2021	PSO	-	<b>160</b>	-	-
PIA-05444-PS08	3/16/2021	PSO	-	-	<b>170</b>	-
Pre-Excavation Depth-Specific Representative Soil Lead Concentration <sup>1</sup>			Not Applicable	Not Applicable	Not Applicable	Not Applicable
<b>Post-Excavation Depth-Specific Representative Soil Lead Concentration<sup>1</sup></b>			180	160	170	230
<b>Post-Excavation Representative Soil Lead Concentration<sup>2</sup></b>			166			
<b>Cleanup Goal</b>			<b>80 mg/kg</b>			

Notes:

<sup>1</sup> A representative soil lead concentration is determined by the 95 percent upper confidence limit (UCL) of the mean lead concentration in soil. If a minimum of 8 samples were not collected, the representative soil lead concentration is based on the maximum concentration.

<sup>2</sup>Based on ProUCL output - See Attachment H.

Statistical Summary of Lead Concentrations Remaining at the Property Post-Excavation:

- Number of Samples used = 9
- Mean = 155.4
- Median = 160
- Maximum = 230
- Standard Deviation = 39.3

Abbreviations:

in bgs = inches below ground surface

mg/kg = milligrams per kilogram

PSO = Post-Excavation Confirmation Sample

**Bold = Sample remains in place post-excavation and used in calculation**

~~Soil associated with shaded concentrations were removed during excavation activities.~~

**Table 2. Summary of Excavation Depths, Quantities Removed and Restored and Property Details**

PIA-05444 - 1155 Los Palos Street, Los Angeles, CA 90023

<b>Excavation Depths and Quantities Removed</b>		
<b>Depth (in bgs)</b>	<b>Area (sq ft)</b>	<b>Volume (cu yd)</b>
6	3	0.1
7	9	0.2
8	18	0.4
9	12	0.3
<b>Total Excavation</b>	42	1
<b>Waste Management</b>		
Waste Classification		0.58 Tons
Non-Hazardous waste		
<b>Restoration Quantities</b>		
<b>Material</b>		<b>Volume (cu yd)</b>
Structural Fill		0.5
Lava Rock		0.75
<b>Total</b>		1.25
<b>Property Details</b>		
Work Dates		3/16/2021
Residents relocated during construction? <sup>1</sup>		No
Interior Cleaning Completed?		No
Air Ducts on Property?		No
Number of days Air Monitoring Data Exceeded the Air Quality Standard		0
<p>Abbreviations</p> <p>in bgs = inches below ground surface</p> <p>sq ft = square feet</p> <p>cu yd = cubic yards</p> <p>Notes:</p> <p><sup>1</sup>Relocation documentation can be found in Attachment G.</p>		

**Table 3. Summary of Backfill Material Analytical Results**

PIA-05444 - 1155 Los Palos Street, Los Angeles, CA 90023 : ND-1803-PIA-05444

Results for detected constituents are reported in milligrams per kilogram (mg/kg) except for VOCs, Benzene and Toulene in micrograms per kilogram (µg/kg).

SAMPLE ID*	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Silver	Vanadium	Zinc	Mercury	Asbestos	VOC	SVOC	TPH-G	TPH-O	TPH-D	Benzene	Toulene	PCBs
TS100-60	2/22/2021	5.4	1.0	122	ND	ND	25.5	8.9	11.4	18.4	ND	79.9	ND	153	90.0	ND	NVA	ND	ND	ND	62.6	ND	1.2J	ND	ND

**Notes:**

ND = Not Detected

NVA = No Visible Asbestos

TS = Structural Fill

PBM = Planter Box Mix

\* TS100-60 source is Whittier Fertilizer Co.

J = Result is between Method Detection Limit and Practical Quantitation Limit

**Table 4. Summary Of Waste Profile Analytical Results**

PIA-05444 - 1155 LOS PALOS ST., LOS ANGELES, CA 90023

Sample ID: PIA05444-WC-A1A2A3

Sample Date: 1/12/2021			
Constituent	MDL	RL	Results
	mg/kg		
Antimony	5.0	10	ND
Lead	1.0	1.0	100
Zinc	2.5	5.0	170
Copper	1.1	2.0	30
Cadmium	0.25	0.50	0.53
Arsenic	1.5	3.0	ND

Sample Date: 1/21/2021			
Constituent	MDL	RL	Results
	mg/L		
TCLP (Lead)	0.040	0.10	ND
STLC (Lead)	0.080	0.10	2.1

**Abbreviations:**

MDL= Method Detection Limit

mg/kg= milligram per kilogram

mg/L= milligram per Liter

ND= Not Detected at the reporting limit

RL= Reporting Limit

TCLP = Toxicity Characteristic Leaching Procedure

STLC = Soluble Threshold Limit Concentration

**Note:**

MDL values can be found in the Level 3 Waste Analytical Report

**Table 5a. Summary of Environmental Air Monitoring - Site Monitoring Data**

PIA-05444 - 1155 Los Palos Street, Los Angeles, CA 90023

UPWIND			DOWNWIND			DOWNWIND DELTA	CA AMBIENT AIR QUALITY STANDARDS
DATE	TIME	AEROSOL	DATE	TIME	AEROSOL		
MM/DD/YYYY	hh:mm	mg/m <sup>3</sup>	MM/DD/YYYY	hh:mm	mg/m <sup>3</sup>	mg/m <sup>3</sup>	mg/m <sup>3</sup>
3/16/2021	8:15	0.007	3/16/2021	8:15	0.010	0.003	0.050
	9:15	0.007		9:15	0.011	0.004	0.050
	10:15	0.005		10:15	0.009	0.004	0.050
	12:15	0.006		12:15	0.007	0.001	0.050
	13:15	0.006		13:15	0.016	0.010	0.050
	14:10	0.006		14:10	0.011	0.005	0.050

Abbreviation:

mg/m<sup>3</sup> = milligram per cubic meter

## **ATTACHMENTS**

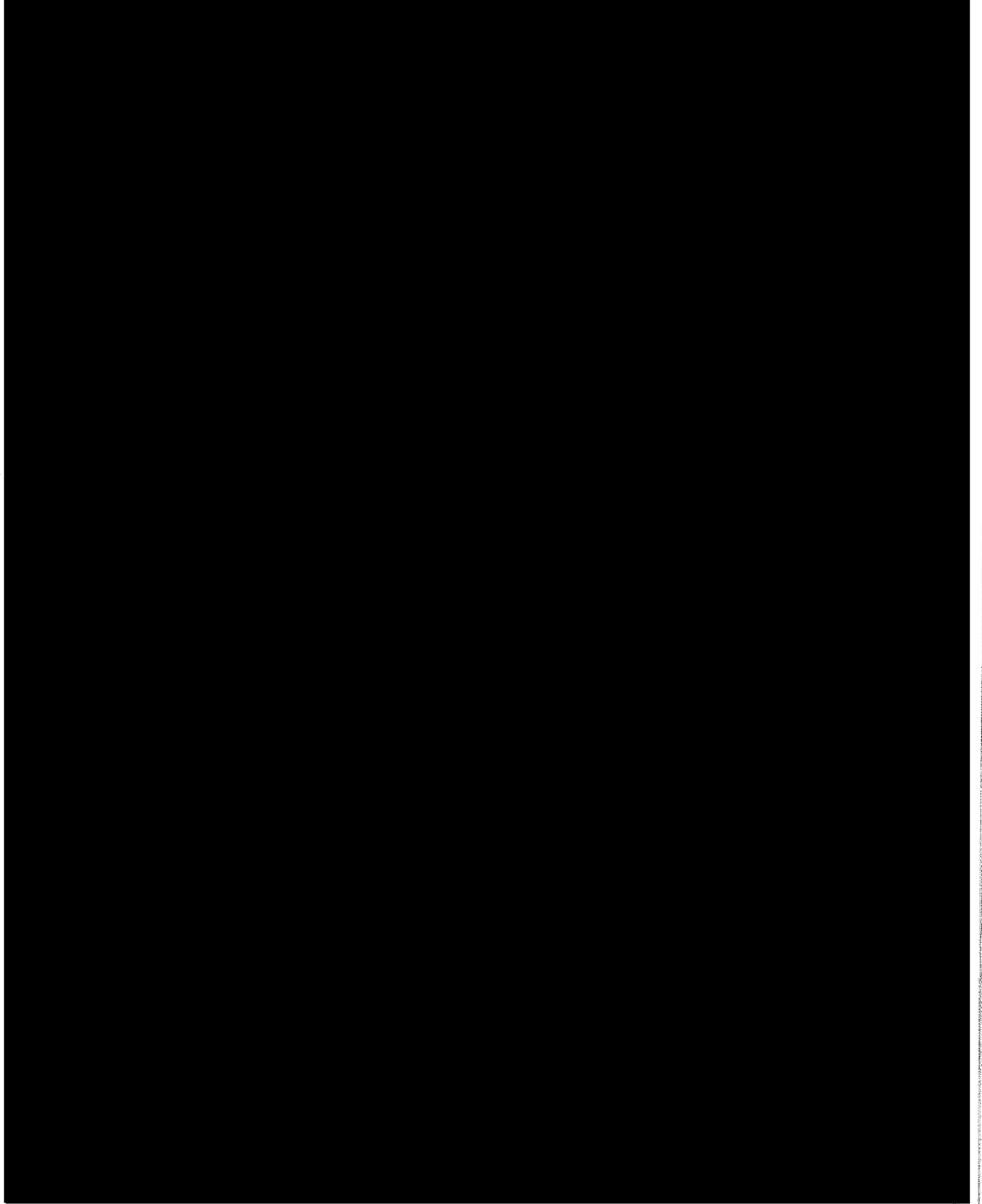
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**Attachment A - Site Access Agreement & Initial Visit  
Evaluation & Signed Landscape Restoration  
Plan & Property Excavation, Disposal and  
Restoration Design Plan**

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## **Attachment A1 - Site Access Agreement**

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**Attachment A2 - Initial Visit Evaluation**

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Department of Toxic Substances Control  
Brownfields and Environmental Restoration Program - Exide Residential Cleanup Unit  
Initial Meeting Checklist

Property ID: PIA-05444	APN: 5191004003	Date: 1/6/2021
Arrival time: 2:00pm	Depart time: 2:30pm	Weather: Temp: (69)°F Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/>

Participants

Redacted to Protect Personal Identifying Information

Is bare soil present in contaminated areas: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are there air conditioning ducts installed in the property?: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Lead Based Paint (LBP)

LBP detected: No <input type="checkbox"/> (proceed to clean up & relocation) Yes <input type="checkbox"/> Approx. percentage of deteriorated paint on walls: ( )%
Visible paint on the concrete surface and/or soil and grass: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> dont know if this is from remodeling or walls
Proceed with cleanup: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Further assessment required (Photos Attached) <input type="checkbox"/>

Note: Cleanup can not proceed; please take pictures of the area and upload photos to the Collector database. Also sending an email to [andres.martinez@dtsc.ca.gov](mailto:andres.martinez@dtsc.ca.gov) that the initial meeting team determines the property as LBP periodization requirements; in the email provide these information: APN, Owner name, contact information, Address, and a note one whether they meet the requirements for assistance(Yes, No, Partially). Please note that prioritization of property with LBP should focus on those property that have visually deteriorated paint above or near bare soil and children <6 living or visiting for at least 6 hours a week for a minimum two days.

Comments: backyard wood paint, owner said chips are from the new paint, back fence chipping (not tested)- neighbor is the owner. side fence has chips as well, not tested

Relocation offer: <input checked="" type="checkbox"/> No. of households accepted: ( ) No. of households declined: ( )
No. of households with no response: ( 2 ) Total individuals to be relocated: ( )

No. of Front yard ( ) Backyard ( ) Side yard ( ) Drip zone ( ) Planters ( 2 ) Other:

Explain yards layout: planters are on the fence side. planters and DL are the same. BY and DL are the same

Is access agreement obtained from the homeowner? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--

Redacted to Protect Personal Identifying Information

Report prepared by: <i>Alan Ponce</i>	Sign & Date <i>[Signature]</i> 1/6/21
--	--

**Attachment A3 - Signed Landscape Restoration Plan**

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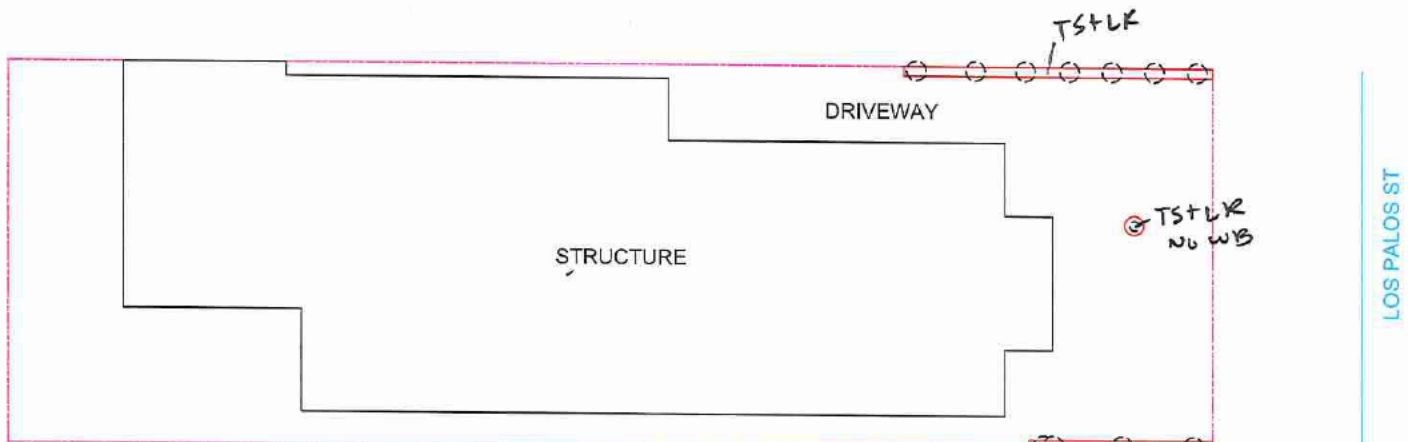
Comments:

1. Place bender board between any TWO different materials.
2. Topsoil = Planter Box Mix
3. Typical installation includes Weed Barrier under all rock and mulch areas.

4. Leave all plants that are tagged.  
Remove plants that are not tagged.

LEGEND

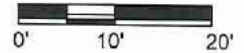
- PARCEL BUILDING(S)
- - - PARCEL BOUNDARY
- ⊙ TREE OR LARGE BUSH
- █ LAVA ROCK (LR)
- █ TOP SOIL (TS)
- █ WHITE ROCK (WR)
- █ SOD LANDSCAPING (S)
- █ GRAVEL (G)



Redacted to Protect Personal Identifying Information

Notes:

1. Parcel Measures 40'x125' in county assessor's
2. Approximate Restoration Area: 53 sq ft
3. Approximate Restoration Volume: 2 CY
4. HEPA vacuum all cracks and crevices on oper
5. Place backfill in loose lifts not to exceed 8"; co
6. Place a minimum of 2" of topsoil (no compactio
7. Shown dimensions are approximate and subje



Restoration Plan

Figure 4



INITIAL DATE: 01-27-2021	DRAWN BY: JHM
REVISION DATE: N/A	REVISED BY: N/A
NEC Project # : ND-1803-PIA-05444	CHECKED BY: KR
Client : DTSC	SUBMITTED BY: GD

PIA-05444  
1155 Los Palos Street,  
Los Angeles, CA 90023

APN: 5191-004-003

**Attachment A4 – Property Excavation, Disposal and Restoration  
Design Plan**

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**DTSC AUTHORIZATION SIGNATURE**

Sowmya Venkatasubramanian

FINAL

3/4/2021

NAME (PRINTED)

SIGNATURE

PROJECT STATUS

DATE

**CONTRACTOR AUTHORIZATION SIGNATURE**

Gary DellaVecchia



FINAL

3/4/2021

NAME (PRINTED)

SIGNATURE

PROJECT STATUS

DATE

**PROPOSED SCHEDULE**

**Table 1 – Proposed Schedule for Removal Action**

Activity	Date(s)
Initial Meeting	1/6/2021
Pre-Construction Meeting	1/28/2021
Excavation	TBD
Disposal	TBD
Restoration	TBD
Interior Cleaning	TBD
Completion Date	TBD

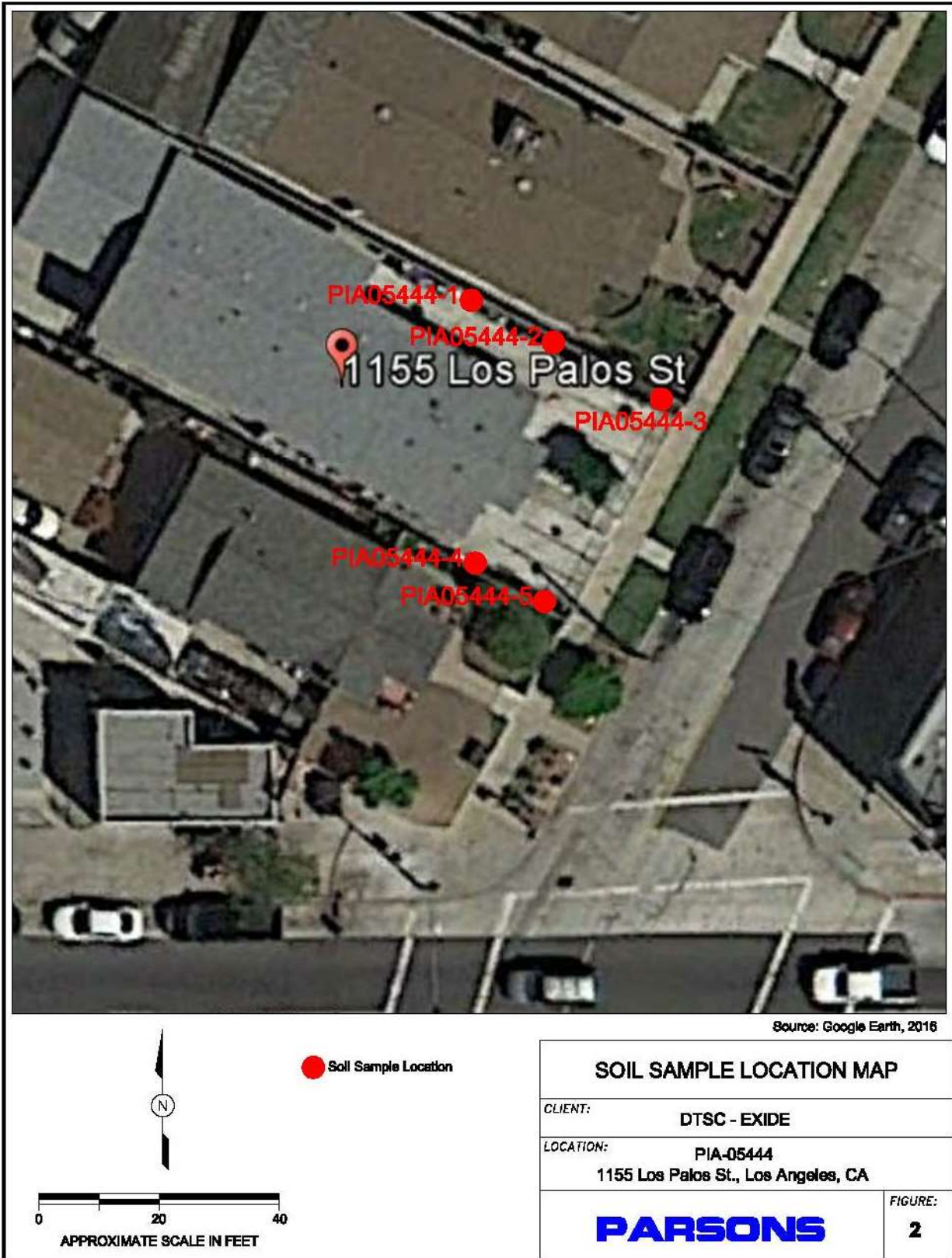


Figure 1A – Initial Sampling Map

**PRE-CONSTRUCTION CONFIRMATION SAMPLING AND EXCAVATION**

**Table 2 – PRE-CONSTRUCTION CONFIRMATION SAMPLING TABLE**

LOCATION	VALUE (ppm)

**Table 3 – UCL VALUE TABLE**

LOCATION	VALUE (ppm)
SUGGESTED UCL TO USE	VALUE

**Note:** Tables 2 and 3 are not populated because NEC to collected waste profile samples only at this property. Pre-excavation confirmation samples were not collected. The property will be excavated to the maximum depth of 18 inches.

**Note:** Figure 2A was not included because pre-excavation confirmation samples were not collected at this property.

**Figure 2A Pre-Confirmation Sample Locations**

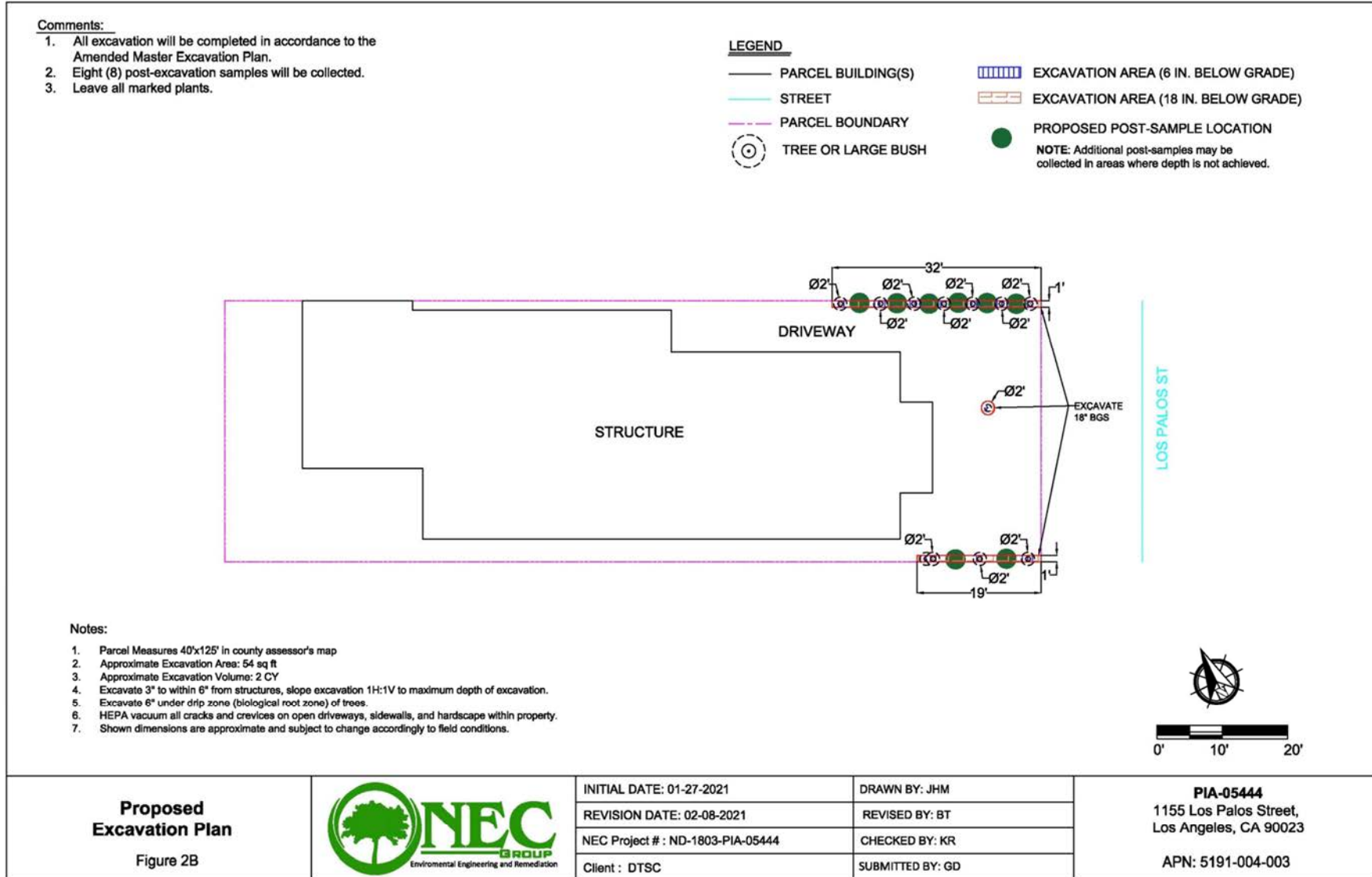


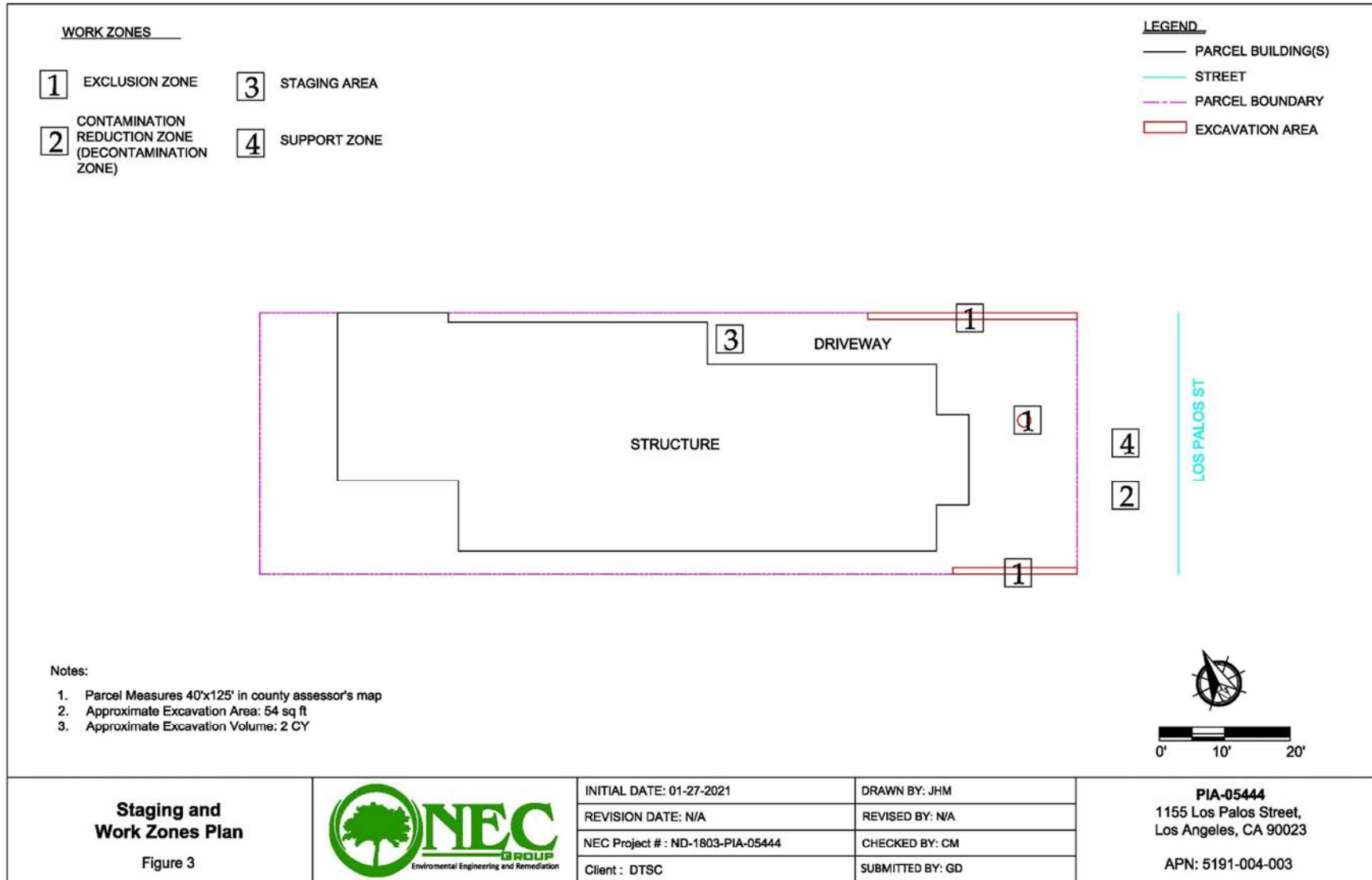
Figure 2B Excavation Plan

**PROPOSED SOIL EXCAVATION AREA AND VOLUME**

**Table 4 – Areas of Concern, Excavation Depths, and Volume**

<b>Area of Concern</b>	<b>Square Feet of excavation depth at 6" bgs</b>	<b>Square Feet of excavation depth at 12" bgs</b>	<b>Square Feet of excavation depth at 18" bgs</b>	<b>Total Estimated Excavation Volume (cubic yards)</b>
Front Yard	21	0	33	2
Back Yard	0	0	0	0
<b>TOTAL</b>	21	0	33	2

**STAGING AND RESTORATION**



**Figure 3 Staging Plan**

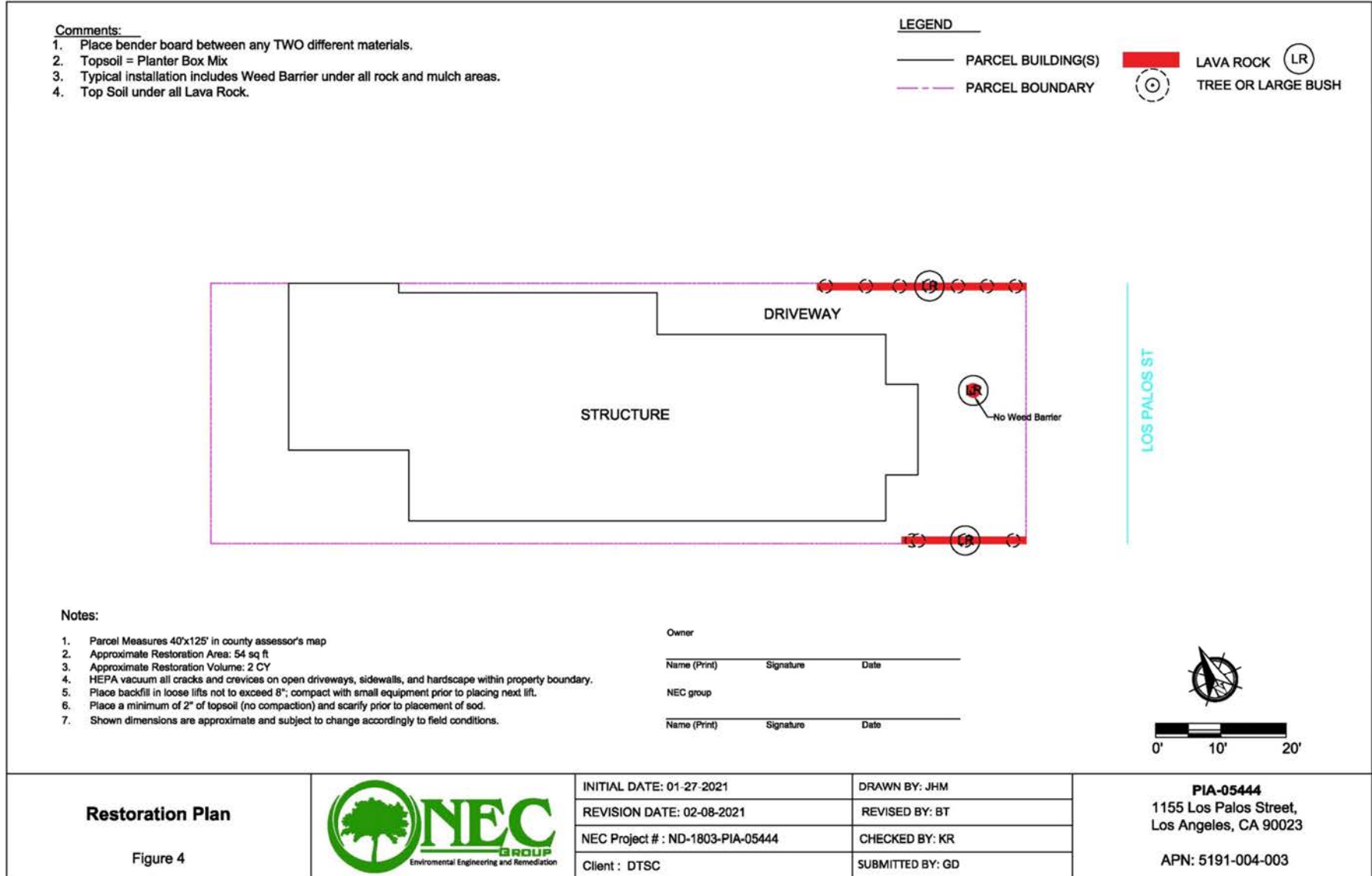


Figure 4 Restoration Plan

**Table 5 – RESTORATION OPTIONS AND MATERIALS**

<b>Table 5 – RESTORATION OPTIONS AND MATERIALS</b>		
<b>DROUGHT TOLERANT &amp; LOW MAINTENANCE LANDSCAPING</b>	<b>SUSTAINABLE LANDSCAPING</b>	
Limited water-use landscape	California Friendly® Landscape Incentive Program	DTSC Sustainable Landscape
<ul style="list-style-type: none"> <li>• Available for existing bare soil properties</li> <li>• Amount of sod installed must comply with State of California and local Jurisdiction mandates for water conservation</li> <li>• Types of ground covering available:               <ul style="list-style-type: none"> <li>○ Lava rock (red or black)</li> <li>○ Mulch/bark</li> <li>○ Decomposed granite (walkways only or strips of land no more than 3.5 feet wide)</li> <li>○ Gravel or aggregate base available for parking areas</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Must be selected at <b>Initial Meeting</b> to allow for LADWP coordination (<b>time sensitive</b>)</li> <li>• Must be located in the City of Los Angeles</li> <li>• Must have minimum pre-existing 250 ft<sup>2</sup> of turf.</li> <li>• Must restore the front yard.</li> <li>• 1,500 ft<sup>2</sup> maximum area to be landscaped</li> <li>• No rocks allowed</li> <li>• No sod allowed</li> <li>• Mulch is allowed</li> <li>• Option provides Plants and Trees based on a California Friendly® template</li> </ul>	<ul style="list-style-type: none"> <li>• Available for existing bare soil Properties</li> <li>• 1,000 ft<sup>2</sup> maximum area to be landscaped</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>• All front yard or all back yard</li> <li>• No rock allowed</li> <li>• Mulch is allowed</li> <li>• Option provides plants and trees based on a DTSC Sustainable template</li> </ul>
<b>Use Table 6</b>	<b>Use Table 7</b>	<b>Use Table 8</b>

Table 6 - DROUGHT TOLERANT LANDSCAPING				
DROUGHT TOLERANT & LOW MAINTENANCE LANDSCAPING AREAS		MEASUREMENTS AND RESTORATION QUANTITIES		
RESTORATION AREAS	AREA (ft <sup>2</sup> )			NOTES
<b>Pre-Existing Planted<sup>1</sup></b>				<b>DESCRIPTION</b>
Front Yard	50 ft <sup>2</sup>			
Back Yard	0 ft <sup>2</sup>			
<b>Total</b>	<b>50 ft<sup>2</sup></b>			
<b>Total Restoration Area<sup>2</sup></b>				<b>DESCRIPTION</b>
Front Yard	54 ft <sup>2</sup>			
Back Yard	0 ft <sup>2</sup>			
<b>Total</b>	<b>54 ft<sup>2</sup></b>			
GROUND COVER	AREA (ft <sup>2</sup> )	DEPTH (IN.)	VOLUME (cy)	NOTES
<b>Sod or Grass</b>				<b>DESCRIPTION</b>
Front Yard	0 ft <sup>2</sup>			
Back Yard	0 ft <sup>2</sup>			
<b>Total</b>	<b>0 ft<sup>2</sup></b>			
<b>Lava Rock</b>				<b>DESCRIPTION</b>
Front Yard	54 ft <sup>2</sup>	3 in	0.5 cy	
Back Yard	0 ft <sup>2</sup>	3 in	0 cy	
<b>Total</b>	<b>54 ft<sup>2</sup></b>		<b>0.5 cy</b>	
<b>Mulch/Bark</b>				<b>DESCRIPTION</b>
Front Yard	0 ft <sup>2</sup>	3 in	0 cy	
Back Yard	0 ft <sup>2</sup>	3 in	0 cy	
<b>Total</b>	<b>0 ft<sup>2</sup></b>		<b>0 cy</b>	
<b>Decomposed Granite</b>				<b>DESCRIPTION</b>
Front Yard	0 ft <sup>2</sup>	3 in	0 cy	
Back Yard	0 ft <sup>2</sup>	3 in	0 cy	
<b>Total</b>	<b>0 ft<sup>2</sup></b>		<b>0 cy</b>	
<b>Gravel/Aggregate Base</b>				<b>DESCRIPTION</b>
Front Yard	0 ft <sup>2</sup>	6 in	0 cy	
Back Yard	0 ft <sup>2</sup>	6 in	0 cy	
<b>Total</b>	<b>0 ft<sup>2</sup></b>		<b>0 cy</b>	
<b>Topsoil</b>		(list various depths)		<b>DESCRIPTION</b>
Front Yard	54 ft <sup>2</sup>		0.5 cy	
Back Yard	0 ft <sup>2</sup>		0 cy	
<b>Total</b>	<b>54 ft<sup>2</sup></b>		<b>0.5 cy</b>	
<b>Screen Fill Soil/Sand</b>		(list various depths)		<b>DESCRIPTION</b>
Front Yard	54 ft <sup>2</sup>		1 cy	
Back Yard	0 ft <sup>2</sup>		0 cy	
<b>Total</b>	<b>54 ft<sup>2</sup></b>		<b>1 cy</b>	
<b>NOTES:</b>				
1 Typically, this is a planter stretching across the front part of a yard. Areas not subject to excavation are not included.				
2 This excludes the hardscape and other areas not subject to excavation.				

**TABLE 7 - CALIFORNIA FRIENDLY SUSTAINABLE® LANDSCAPING**  
**MUST BE IN CITY OF LOS ANGELES--TIME SENSITIVE, SEE TABLE 5**

CALIFORNIA FRIENDLY SUSTAINABLE®		MEASUREMENTS AND RESTORATION QUANTITIES		
RESTORATION AREAS	AREA (ft <sup>2</sup> )			NOTES
Pre-Existing Planted <sup>1</sup>				DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
Total				
Total Restoration Area <sup>2</sup>				DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
Total				
GROUND COVER	AREA (ft <sup>2</sup> )	DEPTH (IN.)	VOLUME (cy)	NOTES
Sod or Grass, Rock, and Decomposed Granite <b>MAY NOT BE USED.</b>				DESCRIPTION
				Sod, Turf, or any kind of grass, Mulch/Bark, Rock, and Decomposed Granite may not be used.
Mulch/Bark				DESCRIPTION
Front Yard	ft <sup>2</sup>	3 in	cy	
Back Yard	ft <sup>2</sup>	3 in	cy	
Total			cy	
Topsoil		(list various depths)		DESCRIPTION
Front Yard	ft <sup>2</sup>		cy	
Back Yard	ft <sup>2</sup>		cy	
Total			cy	
Screen Fill Soil/Sand		(list various depths)		DESCRIPTION
Front Yard	ft <sup>2</sup>		cy	
Back Yard	ft <sup>2</sup>		cy	
Total			cy	
PLANTS AND TREES	AREA (ft <sup>2</sup> )			NOTES
Trees <sup>3</sup>				DESCRIPTION
Front Yard (maturity)	ft <sup>2</sup>			
Back Yard (maturity area)	ft <sup>2</sup>			
Total				
Drought Tolerant Plants <sup>4</sup>				DESCRIPTION
Front Yard (maturity)	ft <sup>2</sup>			
Back Yard (maturity area)	ft <sup>2</sup>			
Total				
<b>NOTES:</b> 1 Typically, this is a planter stretching across the front part of a yard. Areas not subject to excavation are not included. 2 This excludes the hardscape and other areas not subject to excavation. 3 Plants will be spaced according to their eventual mature size. The number of plants provided will depend on the lot size and types of plants selected. 4 Select from palette in Appendix G. The number of plants provided will depend on the lot size and types of plants selected.				

Table 8 - DTSC SUSTAINABLE LANDSCAPING OPTIONS AND RESTORATION				
MAXIMUM OF 1,000 FT <sup>2</sup> , SEE TABLE 5.				
MEASUREMENTS AND RESTORATION QUANTITIES				
RESTORATION AREAS	AREA (ft <sup>2</sup> )			NOTES
<b>Pre-Existing Planted<sup>1</sup></b>				DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>			
<b>Total Restoration Area<sup>2</sup></b>				DESCRIPTION
Front Yard	ft <sup>2</sup>			<b>Maximum of 1,000 ft<sup>2</sup>. Must be combined with Table 6 if area over 1,000 ft<sup>2</sup>, see table 5.</b>
Back Yard	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>			
GROUND COVER	AREA (ft <sup>2</sup> )	DEPTH (IN.)	VOLUME (cy)	NOTES
<b>BUFFALO GRASS<sup>3</sup></b>				DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>			
<b>Rock MAY NOT BE USED.</b>				DESCRIPTION
				<b>Rock may not be used.</b>
<b>Bark/Mulch</b>				DESCRIPTION
Front Yard		3 in	cy	
Back Yard	ft <sup>2</sup>	3 in	cy	
<b>Total</b>	<b>ft<sup>2</sup></b>	<b>cy</b>		
<b>Decomposed Granite (DG)</b>				DESCRIPTION
Front Yard	ft <sup>2</sup>	3 in	cy	
Back Yard	ft <sup>2</sup>	3 in	cy	
<b>Total</b>	<b>ft<sup>2</sup></b>	<b>cy</b>		
<b>Topsoil</b>		(list various depths)		DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>	<b>cy</b>		
<b>Screen Fill Soil/Sand</b>		(list various depths)		DESCRIPTION
Front Yard	ft <sup>2</sup>			
Back Yard	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>	<b>cy</b>		
PLANTS AND TREES	AREA (ft <sup>2</sup> )			NOTES
<b>Trees<sup>4</sup></b>				DESCRIPTION
Front Yard (maturity area)	ft <sup>2</sup>			
Back Yard (maturity area)	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>			
<b>Drought Tolerant Plants<sup>5</sup></b>				DESCRIPTION
Front Yard (maturity area)	ft <sup>2</sup>			
Back Yard (maturity area)	ft <sup>2</sup>			
<b>Total</b>	<b>ft<sup>2</sup></b>			

Notes:

1 Typically, this is a planter stretching across the front part of a yard. Areas not subject to excavation are not included.

2 This excludes the hardscape and other areas not subject to excavation.

3 Or other lawn alternative material as specified in the templates (see Figures 6 and 8).

4 Plants will be spaced according to their eventual mature size. The number of plants provided will depend on the lot size and types of plants selected.

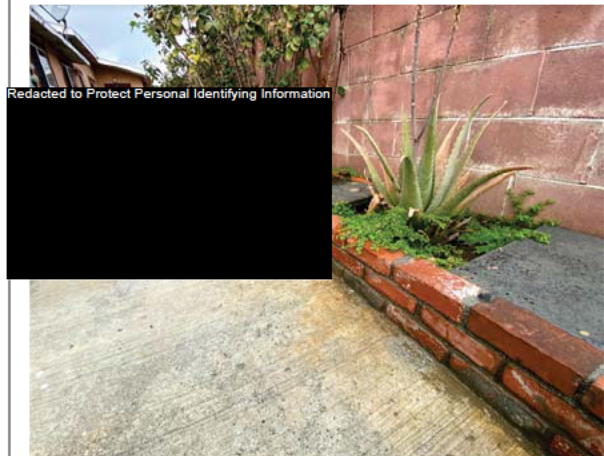
5 Select from palette in Appendix G. The number of plants provided will depend on the lot size and types of plants selected.

**Figure 5 – Proposed Grading Plan (If Needed)**

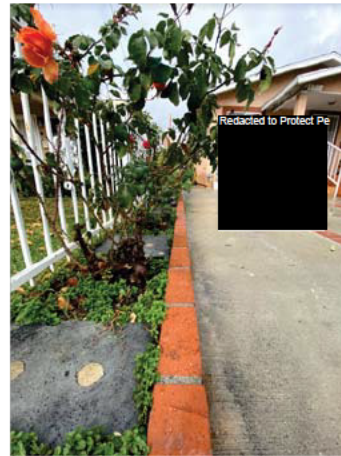
## **Attachment B – Photo Documentation**

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PIA-05444 - 1155 Los Palos St, Los Angeles, CA 90023 - Pre-Excavation & Excavation



Side Yard Pre-Excavation



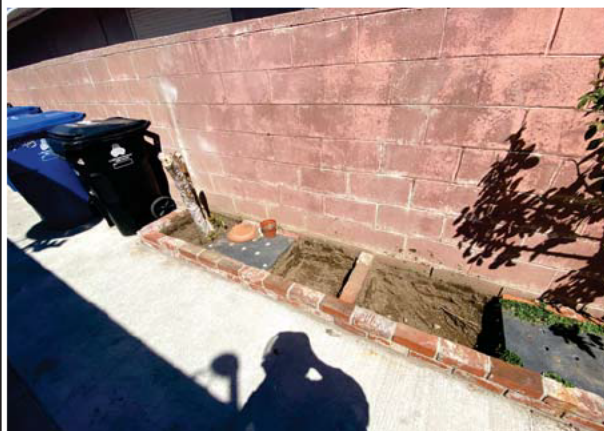
Side Yard Pre-Excavation



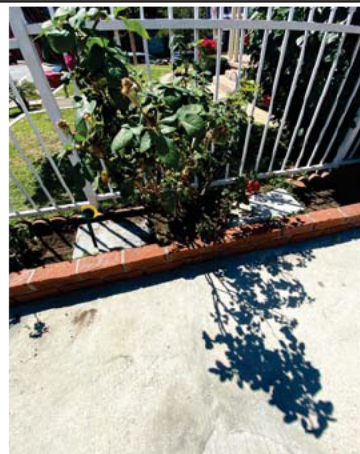
Lead Abatement & Work Notice Forms



Decontamination Station



Side Yard Excavation



Side Yard Excavation

PIA-05444-1155 Los Palos St, Los Angeles, CA 90023-Restoration & Final Restoration



Side Yard Restoration



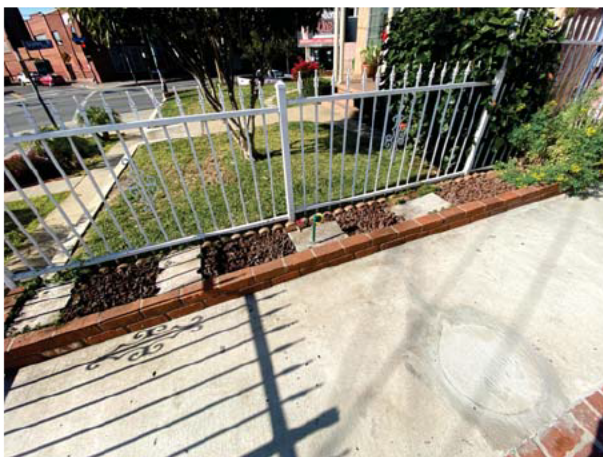
Side Yard Restoration



Side Yard Depth Confirmation



Side Yard Depth Confirmation



Side Yard Final Restoration



Side Yard Final Restoration

**Attachment C – Permits and Notifications**

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## **Attachment C1 - Dig Alert**

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## DigAlert Confirmation for Ticket B210710218-00B

1 message

noreply@digalert.org <noreply@digalert.org>  
To: JLUNA@groupnec.com

Fri, Mar 12, 2021 at 10:26 AM

EMLCFM 01180B USAS 03/12/21 10:26:51 B210710218-00B NEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.  
This is an automatically generated confirmation of your DigAlert.

For your safety please excavate carefully around the marked utility lines.

For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit [www.digalert.org](http://www.digalert.org) or text Services to DIGALT (344258).

This email comes from an automated program that is NOT MONITORED.  
DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: B210710218 Rev: 00B Created: 03/12/21 10:26 User: NECINC Chan: WEB

Work Start: 03/16/21 17:01 Legal Start: 03/16/21 17:01 Expires: 04/09/21 23:59  
Response required: Y Priority: 2

#### Excavator Information

Company: NEC GROUP  
Co Addr: 15 HAMMOND SUITE 309  
City : IRVINE State: CA Zip: 92618  
Created By: GARY DELLAVECCHIA Language: ENGLISH  
Office Phone: 949-668-0606 SMS/Cell: 818-288-3032  
Office Email: [JLUNA@GROUPNEC.COM](mailto:JLUNA@GROUPNEC.COM)

Site Contact: CALEB MILLER  
Site Phone: 818-288-3032 Site SMS/Cell: 323-359-6683  
Site Email: [JLUNA@GROUPNEC.COM](mailto:JLUNA@GROUPNEC.COM)

#### Excavation Area

State: CA County: LOS ANGELES Place: CITY OF COMMERCE  
Zip: 90023  
Location: Address/Street: [1155 LOS PALOS ST](#)  
: X/ST1: E OLYMPIC BLVD

#### Delineated Method: WHITEPAINT

Work Type: SOIL LEAD REMOVAL UP TO 18"  
Work For : DTSC STATE OF CALIFORNIA  
Permit: Job/Work order:  
1 Year: N Boring: N Street/Sidewalk: N Vacuum: N Explosives: N

#### Lat/Long

Center Generated (NAD83): 34.019918/-118.196050 34.019385/-118.194777  
: 34.019028/-118.196422 34.018495/-118.195150

Excavator Provided:

#### Map link:

[https://newtin.digalert.org/newtinweb/map\\_tkt.nap?TRG=F0hJfHI9k9jEbCm-0](https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=F0hJfHI9k9jEbCm-0)

#### Members:

ATDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929	
CITYLA C/OF LA- ST LITE, TRF SIG, FIB	
	FRONT OFFICE STAFF 323-913-4744
CITYLADOT CITY OF LA DOT - TRAF SIGNALS	
	MARCO GARCIA 213-473-8468
CITYLASTLI C/OF LA- ST LITE	
	FRONT OFFICE STAFF 323-913-4744
CWS02 CALIFORNIA WTR SERVICE	
	PHILLIP DELGADO 323-263-4145
LAWP3 LADWP - WATER	
	LOCATING OFFICE 213-367-6428
MCISOCAL MCI (VERIZON BUSINESS) FIBER	
	FIBER SECURITY DEPT 800-624-9675
SCG3ZE SOCALGAS DISTRIBUTION BELVEDER	
	LEAD DISPATCHER 800-427-8894
UCHTRW_C1 UTIL/SPECTRUM IRWIN - CATV SPECTRUM DAMAGE ONLY	
	844-780-6054
USCEME UTILIQUEST FOR SCE- METRO EAST	
	SC EDISON PERSONNEL 800-611-1911

## **Attachment C2 - Encroachment Permit**

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**CITY OF LOS ANGELES  
PERMIT TO MAINTAIN  
MATERIALS OR EQUIPMENT  
IN STREET**  
(Original to be posted in conspicuous place on job site)

Street Services  
Investigation & Enforcement Division  
1149 S. Broadway St.  
3rd Floor  
Los Angeles, CA 90015  
(213) 847-6000

**IMPORTANT:** This permit in no way authorizes the usage nor storage of hazardous or toxic substances / materials (i.e. asbestos) on public property. Violators will be prosecuted to the fullest extent of the law.

**PERMITTEE'S NAME** NATIONAL ENGINEERING AND CONSULTING GROUP **PHONE** 9496680606

**PERMITTEE'S ADDRESS** 15 HAMMOND SUITE 309 IRVINE CA 92618

<b>JOB OR WORKSITE LOCATION:</b> 1155 LOS PALOS STREET	<b>Width</b>	<b>Length</b>	<b>AREA</b>
TB			
STREET	8	20	160
	0	0	0
	0	0	0

**CONDITIONS**

- Barricades with operating flashers at each end at all time.
- Do not block gutterflow.
- Wheels must be blocked (Incline).
- Plywood under all wheels.
- No posters, handbills or graffiti allowed, must remove daily.
- Keep area clean at all times.
- Do not block any fire hydrants.
- All W.A.T.C.H. apply.
- Failure to comply with any/all conditions may lead to this permit being revoked by the Board of Public Works.
- No loose sand, gravel or dirt at any time, must be contained.
- All jobs are subject to random inspections. Investigator will stop all unsafe work caused by failure to follow permit conditions.
- All damage to public property will be billed to the applicant.
- Report all street lighting damage to the Bureau of Street Lighting (Field Operations Division) at (213) 913-4744.
- If necessary to re-schedule this permit, please call (213) 847-6204 by 8:00 AM of the day of the permit or on the last business day prior to permit date.
- No request to re-schedule shall be accepted after stated day and time. All date changes are subject to approval by the investigator that approved the permit.
- Special Conditions** Keep 5' unobstructed pedestrian walkway at all times.
- City Street Furniture Notes (1)**  
Whenever any actual or proposed construction activity occurs within 5' of any existing City Transit Furniture, including but not limited to transit shelters, public amenity kiosks, newsstand vending kiosk, automated public toilet, bus bench or associated trash receptacles, permittee/contractor shall arrange and pay for the removal, storage, relocation, replacement, and/or re-installation of all transit furniture and their related appurtenances whether shown and indicated on the plans or not. Transit furniture are the property of the City of Los Angeles and may only be removed by the city's authorized vendors. Contact Glenn Flutie of InSite Street Media at (310)558-1800 for bus benches and associated trash receptacles. For all other transit furniture, contact Guillermo Gonzalez of Outfront Media JC Decaux at (213) 808-0872. Advance arrangement shall be made 6 weeks in advance of the required work.
- Transit Coordination Notes (1)**  
Provide two-week advance notice for possible relocation/abandonments of a bus stop. For Metro bus stops, contact David Daniels of Metro Stops and Zones Department at danielsd@metro.net.

**NOTE: WORK IS RESTRICTED DURING THE FOLLOWING PEAK HOURS:  
(6:00 A.M. TO 9:00 A.M.) AND (3:30 P.M. TO 7:00 P.M.)**

Boom Lift Building Material Concrete Boom Pump Concrete Trailer Pump Drill Rig Fence with Canopy Lift Office Trailer Protective Fence Scaffolding X Trash Bin Storage Bin Well Monitoring	Crane Helicopter Lift	<b>DAY(S):</b> <b>TIME:</b> 03/01/2021 to 03/28/2021 (TB) <b>REFERENCE:</b> 2021001335 <b>PERMIT:</b> ME2021000933	Total area of 160 Sq. Ft. <b>PERMIT FEE: \$66.30</b> <b>RECEIPT NO.:</b> Payment Date: 03/01/2021  <b>INVESTIGATOR ASSIGNED:</b> USHMAN <b>APPROVED BY:</b> USHMAN <b>MD:</b> 103
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<b>City OF LOS ANGELES RECEIPT</b>	
RECEIVED FROM NATIONAL ENGINEERING AND CONSULTING GROUP	Payment Date 03/01/2021
Address 15 HAMMOND SUITE 309 IRVINE CA 92618	Amount \$66.30
RECEIVED FOR WHAT PURPOSE  PERMIT NO. <b>ME2021000933</b> CHECK NO. Credit Card	Fund No 3255 Department SSIED Received By Online Today's Date 03/02/2021

**Attachment C3 - CDPH 8551 & 8552**

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# ABATEMENT OF LEAD HAZARDS NOTIFICATION

## POST AT ALL ENTRANCES TO WORK AREA AND STRUCTURE

Work is being conducted to abate lead-based paint or lead hazards in or on this structure. For more information, please contact the individuals or agencies listed below.

### Section 1 — Structure Where Abatement of Lead-Based Paint or Lead Hazards is Scheduled

Address [number, street, apartment (if applicable)]	City	County	Zip Code
1155 Los Palos St.	Los Angeles	Los Angeles	90023

**Redacted to Protect Personal Identifying Information**

### Section 2 — Summary of Specific Work and Location(s) Where Lead-Based Paint or Lead Hazards Will Be Abated

Lead-based paint or lead hazard abatement will not be conducted. Removal action addressing lead-impacted soil will be conducted pursuant to DTSC's Removal Action Plan (Cleanup Plan). Form 8551 provided for notice purposes only.

Description of work to be performed:  Interior  Exterior  Both interior and exterior

**Redacted to Protect Personal Identifying Information**

### Section 3

Projected starting date	Projected ending date
3/16/2021	3/16/2021

### Section 4 — Restrictions on Entering Work Area

List specific times and/or dates residents are not allowed to enter work areas, if applicable.

Residents, tenants and/or children will not be allowed to enter the work areas for the duration of the work.

If you would like more information, please contact the following:

### Section 5 — Property Owner or Manager

Name	Telephone number		
[Redacted]	[Redacted]		
Address [number, street, apartment (if applicable)]	City	State	Zip Code
[Redacted]	[Redacted]	[Redacted]	[Redacted]

### Section 6 — Individual Conducting Abatement (Supervisor or Company and Supervisor)

Name and company (if applicable)	Telephone number	CDPH certification number (if applicable)	
Joshua J Whittaker	949-668-0606	26934	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
15 Hammond, Suite 309	Irvine	CA	92618

### Section 7 — Local Environmental Health Agency

Telephone number
(323) 803-2500

This form shall be mailed or faxed to:

California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, 3rd Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

Is this form a revision of a previously submitted abatement notification form?
<input type="checkbox"/> Yes (Date of other form: _____)
<input checked="" type="checkbox"/> No
<input type="checkbox"/> Canceled project

## LEAD HAZARD EVALUATION REPORT ( PIA-05444 )

**Section 1 — Date of Lead Hazard Evaluation** 01/12/21

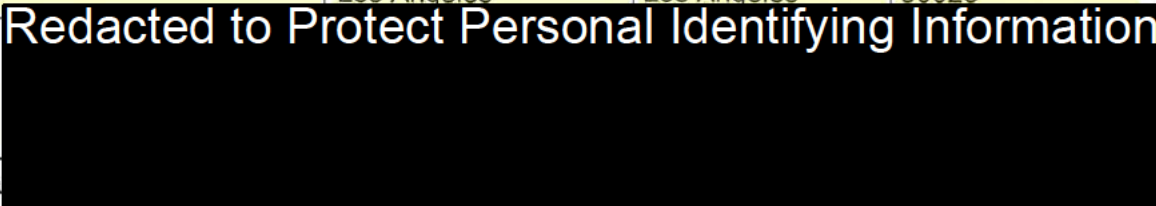
**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**

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
1155 Los Palos St.	Los Angeles	Los Angeles	90023

Construction date (year) of structure  
  
1923



**Section 4 — Owner of Structure**

Name	Telephone number
[Redacted]	[Redacted]

Address [number, street, apartment (if applicable)]	City	State	Zip Code
[Redacted]	[Redacted]	[Redacted]	[Redacted]

**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
John Van Metre	310-854-6300

Address [number, street, apartment (if applicable)]	City	State	Zip Code
5261 W. Imperial Highway	Los Angeles	CA	90045

CDPH certification number	Signature	Date
LRC-00003914		04-27-21

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)  
 Errol Waight, LRC-00003986    Guy Alford, LRC-00007433

**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

## **Attachment D – Daily Field Logs**

---

**Property ID:** PIA-05444  
**Address:** 1155 Los Palos Street, Los Angeles, CA 90023  
**Task Force:** 18

	<b>Week 1</b>
<b>Day</b>	<b>Tuesday</b>
<b>Date</b>	3/16/2021
<b>Field Monitor Initial(s)</b>	S.D
<b>Excavation</b>	Yes
<b>Start Time</b>	8:45 AM
<b>End Time</b>	12:40 PM
<b>Restoration:</b>	Yes
<b>Start Time</b>	12:40 PM
<b>End Time</b>	14:10 PM
<b>Cleanup:</b>	Yes
<b>Start Time</b>	14:10 PM
<b>Number of Bins/End Dumps:</b>	1

**Property Over 50 CY (1466) :** No

**Field Variances (Depth(s) Achieved) :**

**Front Yard** No  
**Side Yard** No  
**Back Yard** N/a

**If depth(s) were not achieved, please identify area(s) and explain below:**

Areas under tree canopies and plant crowns in the front and side yard did not reach depth due to biological root zones.

**Number of Post Samples Taken:** 8

**Sample Coordinates:**

PS01 -8	<u>34.01144</u>	<u>-118.11723</u>
PS02 -9	<u>34.01146</u>	<u>-118.11726</u>
PS03 -8	<u>34.01153</u>	<u>-118.11732</u>
PS04 -7	<u>34.01153</u>	<u>-118.11732</u>
PS05 -7	<u>34.01152</u>	<u>-118.11733</u>
PS06 -8	<u>34.01152</u>	<u>-118.11730</u>
PS07 -8	<u>34.01152</u>	<u>-118.11727</u>
PS08 -9	<u>34.01152</u>	<u>-118.11726</u>

**Reason for Post-Samples:**

<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>
<u>Biological root zone/ Requested by DTSC</u>

**Additional Comments:**

N/A

<b>Exide Residential Daily Form</b>		Task Force #: 18
Site Address: <u>1155 LOS PALOS</u>	Site ID: <u>PJA 05444</u>	Crew Lead: Paul Haswell
24hr Emergency Response Line: 888.423.6060		DTSC Contract #: 18-T4513 AIS Job #: 39207
Daily Activity Details:		Date: <u>3/16/2021</u>
<u>Description (Definitions Below)</u>	<u>Activities Performed? (Check all that apply)</u>	Comments:
1. Setup/Prep Work	<input checked="" type="checkbox"/>	
2. Excavation	<input checked="" type="checkbox"/>	
3. Backfill	<input type="checkbox"/>	
4. Restoration	<input type="checkbox"/>	
5. Demobilization/Cleanup	<input type="checkbox"/>	

**Health and Safety Tailgate Meeting**

General Slip, trip, fall: Slippery, uneven, unstable footing. Dust Control ALL TASKS wet surfaces, equipment clearance, use of poly  
 Setup Vehicle and pedestrian traffic, sharp surfaces, equipment movement, traffic control  
 Excavation Mechanical: Equipment clearance, pinch points, uneven surfaces Hand: Proper lifting techniques, tight spaces, tool safety, proper PPE  
 Backfill Mechanical: Equipment clearance, pinch points, uneven surfaces Hand: Proper lifting techniques, tight spaces, tool safety, proper PPE  
 Restoration Mechanical: Equipment clearance, pinch points, uneven surfaces Hand: Proper lifting techniques, tight spaces, tool safety, proper PPE  
 Demobilization Vehicle and pedestrian traffic, sharp surfaces, equipment movement, traffic control

CREW MEMBER NAME:	Operator/Laborer	Start Time	Lunch Out	Lunch In	End Time
Paul Haswell	Operator	7:00	11:00	11:30	3:30
<del>Carlos Guzman</del>	<del>LABORER</del>	<del>7:30</del>	<del>11:00</del>	<del>11:30</del>	<del>3:30</del>
<del>Joshua Gomez</del>	<del>LABORER</del>	<del>7:30</del>	<del>11:00</del>	<del>11:30</del>	<del>3:30</del>
<del>Robert Chavez</del>	<del>LABORER</del>	<del>7:00</del>	<del>11:00</del>	<del>11:30</del>	<del>3:30</del>
Robert Lorenz	Laborer	6:00	11:00	11:30	4:30

NEC/DTSC REPRESENTATIVES:	Company	Time In	Time Out
<del>Stephanie Pelland</del>	<del>NEC</del>	<del>09/10/08 14</del>	<del>09/10/09 17</del>
<del>ISMAEL SHUKLA</del>	<del>DTSC</del>	<del>12:16</del>	<del>1:12</del>
<del>Robert D... ..</del>	<del>NEC</del>	<del>12:00</del>	

Equipment:	Make	Model	Unit Number	Hours
Excavator				
Skid Steer				
Skid Steer				

Additional Comments:  
 All work is performed in accordance with the Master Excavation, Disposal, and Restoration Design Plan (DTSC December 10 2018)  
 All work is performed in accordance with the Property Staging and Work Zone Plan, Excavation Plan and Restoration Plan approved by the DTSC  
 Revisions to the plans, if required (may include limited excavation depths under tree canopies or structural features) are noted in the final plans  
 All work is performed in accordance with all jurisdictional permits and requirements

Daily Work Activity Definitions:  
 1. Setup includes Safety and Work Zone setup, Equipment mobilization, vent and fence cover, utility location and site prep  
 2. Excavation includes dust control, soil removal, placement of material in a sealed container, and delivery/pick up of bins  
 3. Backfill includes dust control, backfill with tested import, compaction, grade to pre-existing grade, and final prep  
 4. Restoration includes placement of surface finish materials in accordance with the Restoration Plan  
 5. Demobilization includes final cleanup, tool and equipment demobilization and pre-final inspection



# Residential Cleanup JSA

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Task Force: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Hazards/Potential Risk	Control Measures
Heavy Equipment	Make eye contact with operators and avoid swing radius. Bucket is to be on the ground before spotter approaches operator.
Pinch Points	Wear proper gloves around equipment and for appropriate tasks; machine is to be shut down before buckets are released.
Air Pollutants	Use enough water to keep dust levels low and prevent airborne pollutants, if you would like a dust mask, please ask your task force leader.
Traffic	Use traffic control when dropping off/picking up bins or taking backfill. Do not stand in the middle of the road, or in front of vehicles.
Lifting	Execute proper lifting technique and ask for help when lifting heavy objects (>25lbs).
Heat Stress	Drink plenty of water, take breaks when needed, look out for each other.
Bins	After bobtail has been spotted, move away from truck so driver can deliver or pick up bin. Do not stand behind or on either side of truck.
COVID-19 (Corona Virus)	Prior to start each day AIS Team Leaders will check members for obvious symptoms. Any member exhibiting symptoms will have their temperature taken, if temperature reads over 101.5 the member will be sent home for 14 day quarantine and advised to seek medical attention. At the beginning and end of each day the crews will sanitize/ disinfect work surfaces, (Break area tables and chairs, Restroom stall, tools and Equipment handles) with CDC approved disinfecting methods. Members will keep a distance of at least 10 ft away of the general public. Members will be reminded to wash their hands, when possible, for at least 20 seconds and refrain from touching their face.
Other:	
Other:	
Other:	

Print Name	Signature	Date
Paul HASWELL		3/16/2021
Carlos Guzman		3-16-21
Joshua Ginnel		3-16-21
Robert Chavez		3-16-21
Robert Lorenzi		3-16-21
Stephanie Dillard		3/16/2021

**Summary of Air, Noise, and Wind Data**

<b>Site ID:</b>	PIA-05444
<b>address</b>	1155 Los Palos Street, Los Angeles, CA 90023
<b>Date:</b>	3/16/2021
<b>Field Monitor:</b>	S.D

DATE MM/DD/YYYY	TIME hh:mm	CONCENTRATION (mg/m <sup>3</sup> )			WIND DIRECTION
		UPWIND	DOWNWIND	DOWNWIND DELTA	
3/16/2021	8:15	0.007	0.010	0.003	E
	9:15	0.007	0.011	0.004	E
	10:15	0.005	0.009	0.004	E
	11:15	No earth moving activities (Lunch)			ESE
	12:15	0.006	0.007	0.001	ESE
	13:15	0.006	0.016	0.010	ESE
	14:10	0.006	0.011	0.005	SE

Abbreviation:

mg/m<sup>3</sup> = milligrams per cubic meter

DATE MM/DD/YYYY	TIME hh:mm	NOISE DECIBELS	WIND SPEED
		dB	MPH
3/16/2021	8:15	46.8	0.4
	9:15	50.6	0.1
	10:15	52.7	0
	11:15	51.9	0.3
	12:15	50.5	0.5
	13:15	52.2	0.1
	14:10	51.4	0.3

Abbreviation:

dB = decibels

MPH = miles per hour

## **Attachment E – Waste Manifests and Weight Tickets**



**CHIQUITA CANYON LANDFILL**

A Waste Connections Company  
29201 HENRY MAYO DRIVE  
CASTAIC, CA 91384

2405  
AMERICAN INTEGRATED SERVICES  
ATTN: ACCOUNTS PAYABLE  
P.O.BOX 92316  
LONG BEACH, CA 90809

\*\* Duplicate Ticket \*\*

SITE	TICKET	GRID		WEIGHMASTER	
01	1665010			DOLORESL	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/19/21	03/19/21	12:48	13:32	AIS	
REFERENCE			ORIGIN		
18-219			LOS ANGELES		

Scale Gross Wt.	40100	Charge Ticket
Scale Tare Wt.	38940	
Net Weight	1160	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
0.58	TON	Soil - Non Hazardous				

Operating Hours:M-F 4:00AM to 5:00 P  
 Sunday-Closed  
 I am responsible for damage and inju  
 Load has no liquids or hazardous was

Note1: DTSC-EXIDE RESIDENTIAL CLEA  
 Note2: 8800 CAL CENTER DR  
 Route: VARIOUS LOCATIONS - LA  
 PO Number PIA05444 01

SIGNATURE: \_\_\_\_\_

<b>NET AMOUNT</b>
<b>TENDERED</b>
<b>CHANGE</b>
<b>CHECK NO.</b>

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number  
**CAR000284026**

2. Page 1 of  
**1**

3. Emergency Response Phone  
**888-423-6060**

4. Waste Tracking Number  
**PIA05444-01**

5. Generator's Name and Mailing Address  
**DTSC - Exide Residential Cleanup  
8800 Cal Center Drive, Sacramento, CA 95826**

Generator's Site Address (if different than mailing address)  
**PIA-05444 - 1155 Los Palos Street  
Los Angeles, CA 90023**

Generator's Phone: **(916) 255-3545**

6. Transporter 1 Company Name  
**American Integrated Services, Inc.**

U.S. EPA ID Number  
**CAR000148338**

7. Transporter 2 Company Name  
*Quasdad Environmental*

U.S. EPA ID Number

8. Designated Facility Name and Site Address  
**Chiquita Canyon Landfill  
29201 Henry Mayo Drive, Castaic, CA 91384**

U.S. EPA ID Number  
**NOT REQUIRED**

Facility's Phone: **(661) 257-3655**

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. **Non-Hazardous Waste, Solid (Soil)**

**001**

**CM**

**4**

**Y**

13. Special Handling Instructions and Additional Information

**Wear appropriate PPE while handling. Weights or volumes are approximate. 24 Hour Emergency Number (888) 423-6060.**

**AIS Project# 39207  
Profile# CCL-18-219  
Acct# 2405  
APN# 5191004003**

*FE → #16034*

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeree's Printed/Typed Name  
*Stephanie Miller for DTSC*

Signature  
*[Signature]*

Month Day Year  
**03 16 21**

15. International Shipments  Import to U.S.  Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name  
**GARY MARISCAL**  
Transporter 2 Printed/Typed Name  
**Edgar Brato**

Signature  
*[Signature]*  
Signature  
*[Signature]*

Month Day Year  
**03 16 21**  
**3 19 21**

17. Discrepancy

17a. Discrepancy Indication Space  Quantity  Type  Residue  Partial Rejection  Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name  
**LARA**

Signature  
*[Signature]*

Month Day Year  
**3 19 21**

GENERATOR

INTERNATIONAL

TRANSPORTER

DESIGNATED FACILITY

## **Attachment F – Project Closeout Checklist**

---

NOT MADE AVAILABLE BY THE DATE DOCUMENT WAS PREPARED ON APRIL 19, 2021

**Attachment G – Compensation Acknowledgement &  
Relocation Form(s)**

---

NOT MADE AVAILABLE BY THE DATE DOCUMENT WAS PREPARED ON APRIL 19, 2021

**Attachment H – Input & Output**

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**ATTACHMENT H - POST-EXCAVATION CONFIRMATION SAMPLES USED FOR UCL**

**Laboratory Results**

DTSC Residential Cleanup PIA-05444 - 1155 Los Palos Street, Los Angeles, CA 90023

Project # : ND-1803-PIA-05444

Sample ID	EPA 6010B
	Lead (mg/Kg)
PIA05444-1-12	230
PIA-05444-PS01-8	140
PIA-05444-PS02-9	89
PIA-05444-PS03-8	120
PIA-05444-PS04-7	150
PIA-05444-PS05-7	180
PIA-05444-PS06-8	160
PIA-05444-PS07-8	160
PIA-05444-PS08-9	170

Abbreviations:

EPA = United States Environmental Protection Agency

mg/kg = milligram per kilogram

PSO = Post-excavation Confirmation Samples

A	B	C	D	E	F	G	H	I	J	K	L
1	<b>UCL Statistics for Uncensored Full Data Sets</b>										
2											
3	User Selected Options										
4	Date/Time of Computation		ProUCL 5.14/20/2021 10:32:32 AM								
5	From File		WorkSheet.xls								
6	Full Precision		OFF								
7	Confidence Coefficient		95%								
8	Number of Bootstrap Operations		2000								
9											
10											
11	<b>C0</b>										
12											
13	<b>General Statistics</b>										
14	Total Number of Observations			9		Number of Distinct Observations			8		
15						Number of Missing Observations			0		
16	Minimum			89		Mean			155.4		
17	Maximum			230		Median			160		
18	SD			39.3		Std. Error of Mean			13.1		
19	Coefficient of Variation			0.253		Skewness			0.24		
20											
21	<b>Note: Sample size is small (e.g., &lt;10), if data are collected using ISM approach, you should use</b>										
22	<b>guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest.</b>										
23	<b>For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012).</b>										
24	<b>Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.1</b>										
25											
26	<b>Normal GOF Test</b>										
27	Shapiro Wilk Test Statistic			0.968		<b>Shapiro Wilk GOF Test</b>					
28	5% Shapiro Wilk Critical Value			0.829		Data appear Normal at 5% Significance Level					
29	Lilliefors Test Statistic			0.155		<b>Lilliefors GOF Test</b>					
30	5% Lilliefors Critical Value			0.274		Data appear Normal at 5% Significance Level					
31	<b>Data appear Normal at 5% Significance Level</b>										
32											
33	<b>Assuming Normal Distribution</b>										
34	<b>95% Normal UCL</b>					<b>95% UCLs (Adjusted for Skewness)</b>					
35	95% Student's-t UCL			179.8		95% Adjusted-CLT UCL (Chen-1995)			178.1		
36						95% Modified-t UCL (Johnson-1978)			180		
37											
38	<b>Gamma GOF Test</b>										
39	A-D Test Statistic			0.269		<b>Anderson-Darling Gamma GOF Test</b>					
40	5% A-D Critical Value			0.721		Detected data appear Gamma Distributed at 5% Significance Level					
41	K-S Test Statistic			0.145		<b>Kolmogorov-Smirnov Gamma GOF Test</b>					
42	5% K-S Critical Value			0.279		Detected data appear Gamma Distributed at 5% Significance Level					
43	<b>Detected data appear Gamma Distributed at 5% Significance Level</b>										
44											
45	<b>Gamma Statistics</b>										
46	k hat (MLE)			16.77		k star (bias corrected MLE)			11.25		
47	Theta hat (MLE)			9.269		Theta star (bias corrected MLE)			13.81		
48	nu hat (MLE)			301.9		nu star (bias corrected)			202.6		
49	MLE Mean (bias corrected)			155.4		MLE Sd (bias corrected)			46.34		
50						Approximate Chi Square Value (0.05)			170.6		
51	Adjusted Level of Significance			0.0231		Adjusted Chi Square Value			164.5		
52											

	A	B	C	D	E	F	G	H	I	J	K	L
53	<b>Assuming Gamma Distribution</b>											
54	95% Approximate Gamma UCL (use when n>=50))				184.5		95% Adjusted Gamma UCL (use when n<50)				191.5	
55												
56	<b>Lognormal GOF Test</b>											
57	Shapiro Wilk Test Statistic				0.953		<b>Shapiro Wilk Lognormal GOF Test</b>					
58	5% Shapiro Wilk Critical Value				0.829		Data appear Lognormal at 5% Significance Level					
59	Lilliefors Test Statistic				0.168		<b>Lilliefors Lognormal GOF Test</b>					
60	5% Lilliefors Critical Value				0.274		Data appear Lognormal at 5% Significance Level					
61	<b>Data appear Lognormal at 5% Significance Level</b>											
62												
63	<b>Lognormal Statistics</b>											
64	Minimum of Logged Data				4.489		Mean of logged Data				5.016	
65	Maximum of Logged Data				5.438		SD of logged Data				0.266	
66												
67	<b>Assuming Lognormal Distribution</b>											
68	95% H-UCL				188.2		90% Chebyshev (MVUE) UCL				197.3	
69	95% Chebyshev (MVUE) UCL				216.1		97.5% Chebyshev (MVUE) UCL				242.3	
70	99% Chebyshev (MVUE) UCL				293.7							
71												
72	<b>Nonparametric Distribution Free UCL Statistics</b>											
73	<b>Data appear to follow a Discernible Distribution at 5% Significance Level</b>											
74												
75	<b>Nonparametric Distribution Free UCLs</b>											
76	95% CLT UCL				177		95% Jackknife UCL				179.8	
77	95% Standard Bootstrap UCL				175.9		95% Bootstrap-t UCL				179.7	
78	95% Hall's Bootstrap UCL				183.5		95% Percentile Bootstrap UCL				176.7	
79	95% BCA Bootstrap UCL				174.3							
80	90% Chebyshev(Mean, Sd) UCL				194.7		95% Chebyshev(Mean, Sd) UCL				212.5	
81	97.5% Chebyshev(Mean, Sd) UCL				237.2		99% Chebyshev(Mean, Sd) UCL				285.8	
82												
83	<b>Suggested UCL to Use</b>											
84	95% Student's-t UCL				179.8							
85												
86	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
87	Recommendations are based upon data size, data distribution, and skewness.											
88	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
89	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
90												

## **Attachment I – Soil Sampling Laboratory Data**

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## **Attachment I1 - Initial Soil Sampling Data**

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## Technical Memorandum

Date: 9 May 2016

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

**Subject: *Report for Preliminary Investigation Area Property PIA-05444  
1155 Los Palos Street  
Los Angeles, California 90023***

This Technical Memorandum presents a summary of the sample results for 1155 Los Palos Street (Property), designated as Preliminary Investigation Area (PIA) Property number PIA-05444 (Figure 1). This property was sampled on February 2, 2016. A total of five borings were hand-augered up to a maximum depth of 18 inches (Figure 2).

Soil samples were analyzed in the field using a portable X-ray fluorescence (XRF) meter (Table 1). Select soil samples were also submitted to an offsite laboratory, for analysis of lead and other metals (Table 2). In addition, lead-based paint (LBP) was assessed with an XRF meter at six locations on the exterior of the structures at the property (Figure 3). If loose or flakey paint was observed, samples were also collected and submitted to the laboratory for analysis. The analytical laboratory report is provided in Attachment 1.

DTSC's current level of concern for lead in soil is 80 parts per million (ppm) for residential properties associated with the PIA. Additionally paint with lead above 600 ppm or 0.7 milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) is considered to be LBP. Analytical results from field XRF sampling are measured in ppm and laboratory analyses are reported in milligrams per kilogram ( $\text{mg}/\text{kg}$ ); for the purposes of this report, ppm and  $\text{mg}/\text{kg}$  are used interchangeably.

The XRF meter detected lead concentrations in the soil sampled at your property ranging from 50 to 305 ppm. A comparison of the XRF results to the analytical results from the laboratory show that the XRF concentrations and the laboratory results are similar indicating a good correlation between the two sampling procedures.

Assessment of locations on this property for LBP using the XRF unit shows that LBP is present at the Property (Table 3). LBP results ranged from 0.01 to 1.14  $\text{mg}/\text{cm}^2$  on the XRF unit. Loose and flakey paint was not observed at the Property. No laboratory samples for LBP were collected.

**CLOSING**

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Shala Craig', with a small dot at the end of the signature.

Shala Craig, P.E. #C-69804

Parsons Project Manager


Attachments: Table 1 – XRF Results for Lead in Soil Samples  
Table 2 – Laboratory Results for Soil Samples  
Table 3 – XRF and Laboratory Results for Paint Samples  
Figure 1 – Site Location Map  
Figure 2 – Soil Sample Location Map  
Figure 3 – Paint Sample Location Map  
Attachment 1 - Analytical Laboratory Report

cc: Peter Ruttan, DTSC

## **TABLES**

**Table 1**  
**XRF Results for Lead in Soil Samples**  
**PIA No. 05444**  
**Date: 2/2/2016**

Sample ID		PIA05444-1-3	PIA05444-1-6	PIA05444-1-12	PIA05444-1-18	PIA05444-2-3	PIA05444-3-3	PIA05444-3-6	PIA05444-3-12	PIA05444-3-18	PIA05444-4-3	PIA05444-5-3	Std Dev	Sample Size	Mean	95% CI	95% UCL
Depth (inches)	0-3	<b>305</b>	NS	NS	NS	<b>212</b>	<b>265</b>	NS	NS	NS	<b>253</b>	<b>227</b>	36	5	252	32	<b>284</b>
	3-6	NS	<b>203</b>	NS	NS	NS	NS	<b>242</b>	NS	NS	NS	NS	NA	NA	NA	NA	NA
	6-12	NS	NS	<b>276</b>	NS	NS	NS	NS	<b>185</b>	NS	NS	NS	NA	NA	NA	NA	NA
	12-18	NS	NS	NS	<b>187</b>	NS	NS	NS	NS	<b>50</b>	NS	NS	NA	NA	NA	NA	NA

**Notes:**  
95% Upper Confidence Level (UCL) calculated based on XRF data Only  
NA = Not Analyzed  
NS = Not Sampled  
ppm = parts per million  
Detected soil concentrations are in **BOLD**  
 Concentrations >1,000 ppm

**Table 2**  
**Laboratory Results for Soil Samples**  
**PIA No. 05444**

Sample ID	Date	Laboratory Report	Matrix	Depth (in)	Antimony	Arsenic	Cadmium	Copper	Lead	Zinc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PIA05444-1-3	2/2/2016	20655	Soil	0-3	ND<1.0	<b>3.9</b>	<b>1.8</b>	<b>68</b>	<b>260</b>	<b>390</b>
PIA05444-1-12	2/2/2016	20655	Soil	6-12	ND<1.0	<b>3.7</b>	<b>1.3</b>	<b>44</b>	<b>230</b>	<b>350</b>

**Notes:**

Detection concentrations are in **BOLD** text

ND<\_\_\_\_ = Non-detect at the laboratory reporting limit

**Laboratory Detection Limits:**

Antimony = 1.0 mg/kg

Cadmium = 0.2 mg/kg

Copper = 2.0 mg/kg

Lead = 0.5 to 50 mg/kg

Zinc = 2.0 to 200 mg/kg

**Table 3**  
**XRF and Laboratory Results for Paint Samples**  
**PIA No. 05444**

Sample ID	Date	Matrix	Location	Media Type (Stucco, Wood, Trim, etc.)	Media Color	Lead (Pb) Result		Comments
						XRF (mg/cm <sup>2</sup> )	Laboratory (mg/kg)	
PIA05444-L1	2/2/2016	Paint	East Side of House	Stucco	Peach	0.01	NA	
PIA05444-L2	2/2/2016	Paint	East Side of House	Wood	White	1.14	NA	
PIA05444-L3	2/2/2016	Paint	East Side of House	Wood	White	0.68	NA	
PIA05444-L4	2/2/2016	Paint	North Side of House	Wood	White	1.12	NA	
PIA05444-L5	2/2/2016	Paint	North Side of House	Wood	White	0.01	NA	
PIA05444-L6	2/2/2016	Paint	North Side of House	Wood	White	0.01	NA	

**Notes:**

mg/cm<sup>2</sup> = milligrams per square centimeter

mg/kg = milligrams per kilogram

NA = Not Analyzed

Exceeds LA County DPH goals (0.7 mg/cm<sup>2</sup> or 600 mg/kg)

## FIGURES



Source: Los Angeles County Parcel Viewer, 2016



Property Location



APPROXIMATE SCALE IN FEET

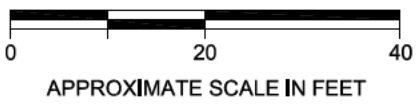
<b>SITE LOCATION MAP</b>	
<b>CLIENT:</b>	DTSC - EXIDE
<b>LOCATION:</b>	PIA-05444 1155 Los Palos St., Los Angeles, CA
<b>PARSONS</b>	<b>FIGURE:</b> <b>1</b>



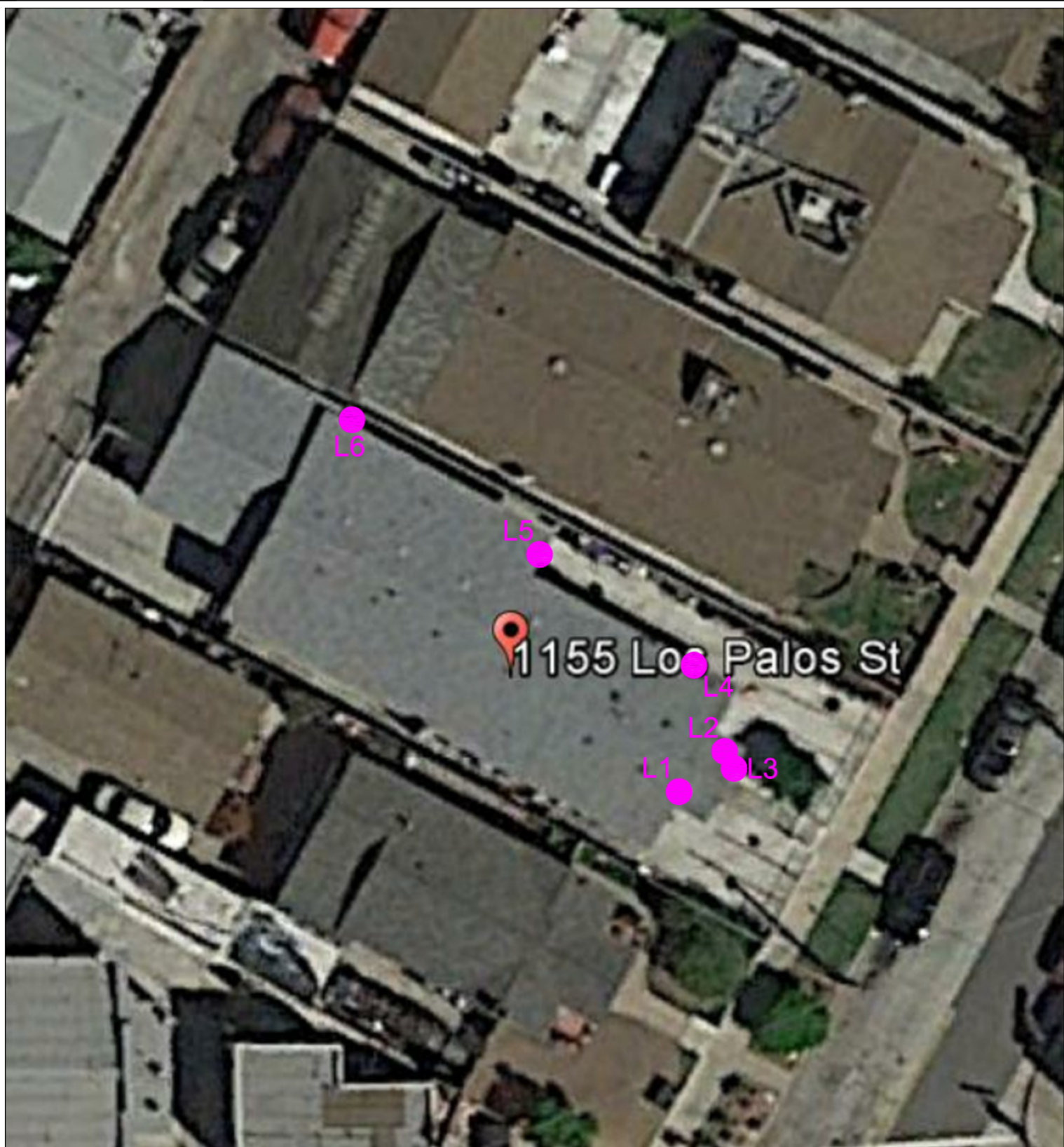
Source: Google Earth, 2016



● Soil Sample Location



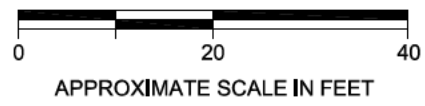
<b>SOIL SAMPLE LOCATION MAP</b>	
<i>CLIENT:</i>	DTSC - EXIDE
<i>LOCATION:</i>	PIA-05444 1155 Los Palos St., Los Angeles, CA
<b>PARSONS</b>	
<i>FIGURE:</i>	<b>2</b>



Source: Google Earth, 2016



● Paint Sample Location



<b>PAINT SAMPLE LOCATION MAP</b>	
<b>CLIENT:</b>	DTSC - EXIDE
<b>LOCATION:</b>	PIA-05444 1155 Los Palos St., Los Angeles, CA
<b>PARSONS</b>	<b>FIGURE:</b> <b>3</b>

**ATTACHMENT 1  
ANALYTICAL LABORATORY REPORTS**



**Orange Coast Analytical, Inc.**

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

**LABORATORY REPORT FORM**

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.: 2576

Expiration Date: 2017

Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:

Mark Noorani

Client: Parsons Environment & Infrastructure, Inc.

Laboratory Reference: PEI 20655

Project Name: DTSC Exide Off-site sampling

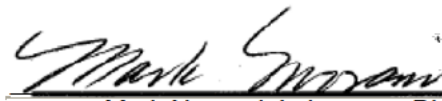
Project Number: 449646.01002

Date Received: 2/3/2016

Date Reported: 2/5/2016

Chain of Custody Received:

Analytical Method: 6010B,

  
\_\_\_\_\_  
Mark Noorani, Laboratory Director

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

Lab Reference #: PEI 20655  
Project Name: DTSC Exide Off-site sampling  
Project #: 449646.01002

### **Case Narrative**

#### **Sample Receipt:**

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

#### **Holding Times:**

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

#### **Analytical Methods:**

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

#### **Data Qualifiers:**

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

#### **Definition of Terms:**

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

#### **Comments:**

None

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

Lab Reference #: PEI 20655  
Project Name: DTSC Exide Off-site sampling  
Project #: 449646.01002

***Client Sample Summary***

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PIA05444-01-12	20655-001	2/3/2016	2/2/2016	Soil
PIA05444-01-03	20655-002	2/3/2016	2/2/2016	Soil

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

Lab Reference #: PEI 20655  
 Project Name: DTSC Exide Off-site sampling  
 Project #: 449646.01002

**Metals**

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PIA05444-01-12	20655-001	2/3/2016	2/2/2016	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<1.0	mg/kg	02/03/16	02/04/16	--	1
Arsenic	6010B	3.7	mg/kg	02/03/16	02/04/16	--	1
Cadmium	6010B	1.3	mg/kg	02/03/16	02/04/16	--	1
Copper	6010B	44	mg/kg	02/03/16	02/04/16	--	1
Lead	6010B	230	mg/kg	02/03/16	02/04/16	--	1
Zinc	6010B	350	mg/kg	02/03/16	02/04/16	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
PIA05444-01-03	20655-002	2/3/2016	2/2/2016	Soil

<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
Antimony	6010B	<1.0	mg/kg	02/03/16	02/04/16	--	1
Arsenic	6010B	3.9	mg/kg	02/03/16	02/04/16	--	1
Cadmium	6010B	1.8	mg/kg	02/03/16	02/04/16	--	1
Copper	6010B	68	mg/kg	02/03/16	02/04/16	--	1
Lead	6010B	260	mg/kg	02/03/16	02/04/16	--	1
Zinc	6010B	390	mg/kg	02/03/16	02/04/16	--	1

Method Blank	Matrix
	Soil

<u>MB ID</u>	<u>ANALYTE</u>	<u>EPA Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Qual</u>	<u>DF</u>
MBSG0203161	Antimony	6010B	<1.0	mg/kg	02/03/16	02/04/16	--	1
MBSG0203161	Arsenic	6010B	<0.50	mg/kg	02/03/16	02/04/16	--	1
MBSG0203161	Cadmium	6010B	<0.20	mg/kg	02/03/16	02/04/16	--	1
MBSG0203161	Copper	6010B	<2.0	mg/kg	02/03/16	02/04/16	--	1
MBSG0203161	Lead	6010B	<0.50	mg/kg	02/03/16	02/04/16	--	1
MBSG0203161	Zinc	6010B	<2.0	mg/kg	02/03/16	02/04/16	--	1

**QA/QC Report  
for  
Metals**

Reference #: PEI 20655

Reporting units: ppm

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

**6010B**

Analyte	Date of Extraction	MS Date of Analysis	MSD Date of Analysis	Laboratory Sample #	R1	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Antimony	2/3/2016	2/4/2016	2/4/2016	20642-042	0.00	20.0	6.69	6.12	33	31	9	75-125	20	M2,
Arsenic	2/3/2016	2/4/2016	2/4/2016	20642-042	2.00	20.0	20.4	19.8	92	89	3	75-125	20	--
Cadmium	2/3/2016	2/4/2016	2/4/2016	20642-042	0.00	20.0	19.7	19.0	99	95	4	75-125	20	--
Copper	2/3/2016	2/4/2016	2/4/2016	20642-042	8.50	20.0	28.0	26.2	98	89	7	75-125	20	--
Lead	2/3/2016	2/4/2016	2/4/2016	20642-042	2.30	20.0	19.9	19.2	88	85	4	75-125	20	--
Zinc	2/3/2016	2/4/2016	2/4/2016	20642-042	22.0	20.0	39.3	37.6	86	78	4	75-125	20	--

**Laboratory Control Sample**

Analyte	Date of Extraction	LCS Date of Analysis	LCSD Date of Analysis	Laboratory Sample #	SPC CONC	LCS	LCSD	%LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qual
Antimony	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	20.0	20.4	100	102	2	80-120	20	--
Arsenic	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	19.2	19.3	96	96	1	80-120	20	--
Cadmium	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	18.9	19.0	94	95	1	80-120	20	--
Copper	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	22.1	22.3	111	112	1	80-120	20	--
Lead	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	20.2	20.4	101	102	1	80-120	20	--
Zinc	2/3/2016	2/4/2016	2/4/2016	SG0203161	20.0	20.7	20.9	104	104	1	80-120	20	--

# Data Qualifier Definitions

## Qualifier

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

20642-042

6010B

Antimony

MS/MSD

## Definition of terms:

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



# Sample Receipt Report

Laboratory Reference PEI 20655

Logged in by MM

Received: 02/03/16 Company Name: Parsons Environment & Infrastructure  
Method of Shipment: OnTrac Project Manager: Ms. Shala Craig  
Shipping Container: Cooler Project Name: DTSC Exide Off-site sampling  
# Shipping Containers: 1 Project #: 449646.01002

Sample Quantity  
2 Soil

Chain of Custody	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Samples On Ice	Yes, Wet <input checked="" type="checkbox"/>	Yes, Blue <input type="checkbox"/>	No <input type="checkbox"/>
Temperature	<u>3°C</u>		
Shipping Intact	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>
Shipping Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples Intact	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Sample Custody Seals Intact	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Custody Seals Signed & Dated	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Proper Test Containers	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Proper Test Preservations	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
Samples Within Hold Times	Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>
VOAs Have Zero Headspace	Yes <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample Labels	Complete <input checked="" type="checkbox"/>	Incomplete <input type="checkbox"/>	None <input type="checkbox"/>
Sample Information Matches COC	Yes <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	No <input type="checkbox"/>

## Notes

Client Notified \_\_\_\_\_ By \_\_\_\_\_ On \_\_\_\_\_

**Attachment I2 - Post-Excavation Confirmation Sampling Data**

## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-280884-1  
Client Project/Site: PIA-05444

For:  
National Engineering & Consulting Group  
15 Hammond  
Suite 309  
Irvine, California 92618

Attn: Wael Ibrahim



Authorized for release by:  
3/29/2021 11:25:15 AM

Lena Davidkov, Project Manager II  
(949)260-3229  
[Lena.Davidkova@Eurofinset.com](mailto:Lena.Davidkova@Eurofinset.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Sample Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-280884-1	PIA-05444-PS01-8	Solid	03/16/21 12:35	03/22/21 18:00	
440-280884-2	PIA-05444-PS02-9	Solid	03/16/21 12:40	03/22/21 18:00	
440-280884-3	PIA-05444-PS03-8	Solid	03/16/21 12:45	03/22/21 18:00	
440-280884-4	PIA-05444-PS04-7	Solid	03/16/21 12:48	03/22/21 18:00	
440-280884-5	PIA-05444-PS05-7	Solid	03/16/21 12:50	03/22/21 18:00	
440-280884-6	PIA-05444-PS06-8	Solid	03/16/21 12:55	03/22/21 18:00	
440-280884-7	PIA-05444-PS07-8	Solid	03/16/21 13:00	03/22/21 18:00	
440-280884-8	PIA-05444-PS08-9	Solid	03/16/21 13:05	03/22/21 18:00	

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# Case Narrative

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

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## Job ID: 440-280884-1

---

### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-280884-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 3/22/2021 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 21.5° C.

#### Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision of Lead for preparation batch 440-642231 and analytical batch 440-642495 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) was within acceptance limits

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



# Client Sample Results

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

**Client Sample ID: PIA-05444-PS01-8**

**Lab Sample ID: 440-280884-1**

Date Collected: 03/16/21 12:35

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	140		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:09	5

**Client Sample ID: PIA-05444-PS02-9**

**Lab Sample ID: 440-280884-2**

Date Collected: 03/16/21 12:40

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	89		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:12	5

**Client Sample ID: PIA-05444-PS03-8**

**Lab Sample ID: 440-280884-3**

Date Collected: 03/16/21 12:45

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	120		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:14	5

**Client Sample ID: PIA-05444-PS04-7**

**Lab Sample ID: 440-280884-4**

Date Collected: 03/16/21 12:48

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	150		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:17	5

**Client Sample ID: PIA-05444-PS05-7**

**Lab Sample ID: 440-280884-5**

Date Collected: 03/16/21 12:50

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	180		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:19	5

**Client Sample ID: PIA-05444-PS06-8**

**Lab Sample ID: 440-280884-6**

Date Collected: 03/16/21 12:55

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:21	5

**Client Sample ID: PIA-05444-PS07-8**

**Lab Sample ID: 440-280884-7**

Date Collected: 03/16/21 13:00

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	160		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:29	5

# Client Sample Results

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

**Client Sample ID: PIA-05444-PS08-9**

**Lab Sample ID: 440-280884-8**

Date Collected: 03/16/21 13:05

Matrix: Solid

Date Received: 03/22/21 18:00

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170		1.0		mg/Kg		03/25/21 10:00	03/26/21 16:31	5

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# Method Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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# Lab Chronicle

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

**Client Sample ID: PIA-05444-PS01-8**

**Lab Sample ID: 440-280884-1**

Date Collected: 03/16/21 12:35

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.01 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:09	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS02-9**

**Lab Sample ID: 440-280884-2**

Date Collected: 03/16/21 12:40

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:12	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS03-8**

**Lab Sample ID: 440-280884-3**

Date Collected: 03/16/21 12:45

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:14	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS04-7**

**Lab Sample ID: 440-280884-4**

Date Collected: 03/16/21 12:48

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:17	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS05-7**

**Lab Sample ID: 440-280884-5**

Date Collected: 03/16/21 12:50

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:19	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS06-8**

**Lab Sample ID: 440-280884-6**

Date Collected: 03/16/21 12:55

Matrix: Solid

Date Received: 03/22/21 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:21	P1R	TAL IRV

# Lab Chronicle

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

**Client Sample ID: PIA-05444-PS07-8**

**Lab Sample ID: 440-280884-7**

**Date Collected: 03/16/21 13:00**

**Matrix: Solid**

**Date Received: 03/22/21 18:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:29	P1R	TAL IRV

**Client Sample ID: PIA-05444-PS08-9**

**Lab Sample ID: 440-280884-8**

**Date Collected: 03/16/21 13:05**

**Matrix: Solid**

**Date Received: 03/22/21 18:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.00 g	50 mL	642231	03/25/21 10:00	C0YH	TAL IRV
Total/NA	Analysis	6010B		5			642495	03/26/21 16:31	P1R	TAL IRV

**Laboratory References:**

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: National Engineering & Consulting Group  
 Project/Site: PIA-05444

Job ID: 440-280884-1

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 440-642231/1-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 642495**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 642231**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0		mg/Kg		03/25/21 10:00	03/26/21 15:30	5

**Lab Sample ID: LCS 440-642231/2-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 642495**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 642231**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.3	47.4		mg/Kg		94	80 - 120

**Lab Sample ID: 440-280882-A-1-B MS ^5**  
**Matrix: Solid**  
**Analysis Batch: 642495**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 642231**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	69	F1 F2	49.8	100	F1	mg/Kg		63	75 - 125

**Lab Sample ID: 440-280882-A-1-C MSD ^5**  
**Matrix: Solid**  
**Analysis Batch: 642495**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 642231**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	69	F1 F2	50.5	143	F1 F2	mg/Kg		146	75 - 125	35	20

# QC Association Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

## Metals

### Prep Batch: 642231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280884-1	PIA-05444-PS01-8	Total/NA	Solid	3050B	
440-280884-2	PIA-05444-PS02-9	Total/NA	Solid	3050B	
440-280884-3	PIA-05444-PS03-8	Total/NA	Solid	3050B	
440-280884-4	PIA-05444-PS04-7	Total/NA	Solid	3050B	
440-280884-5	PIA-05444-PS05-7	Total/NA	Solid	3050B	
440-280884-6	PIA-05444-PS06-8	Total/NA	Solid	3050B	
440-280884-7	PIA-05444-PS07-8	Total/NA	Solid	3050B	
440-280884-8	PIA-05444-PS08-9	Total/NA	Solid	3050B	
MB 440-642231/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-642231/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-280882-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-280882-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

### Analysis Batch: 642495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-280884-1	PIA-05444-PS01-8	Total/NA	Solid	6010B	642231
440-280884-2	PIA-05444-PS02-9	Total/NA	Solid	6010B	642231
440-280884-3	PIA-05444-PS03-8	Total/NA	Solid	6010B	642231
440-280884-4	PIA-05444-PS04-7	Total/NA	Solid	6010B	642231
440-280884-5	PIA-05444-PS05-7	Total/NA	Solid	6010B	642231
440-280884-6	PIA-05444-PS06-8	Total/NA	Solid	6010B	642231
440-280884-7	PIA-05444-PS07-8	Total/NA	Solid	6010B	642231
440-280884-8	PIA-05444-PS08-9	Total/NA	Solid	6010B	642231
MB 440-642231/1-A ^5	Method Blank	Total/NA	Solid	6010B	642231
LCS 440-642231/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	642231
440-280882-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	642231
440-280882-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	642231

# Definitions/Glossary

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA-05444

Job ID: 440-280884-1

## Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-21

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# Chain of Custody Record



THE LEADER IN ENVIRONMENTAL

TestAmerica Laboratories, Inc.

Regulatory Program:  DWQ  NPDES  RCRA  Other

Project Manager: Gary Della Vecchia

Site Contact: Lab Contact:

Date: 3-16-2021

Carrier: 1 of 1 COCs

Sampler: R. Durazo  
For Lab Use Only:  
Walk-in Client:  
Lab Sampling:  
Job / SDG No.:

Lead, TML, G0108  
NIOSH 7300M Lead  
Performs/MSD (Y/N)  
Filtered Sample (Y/N)

Analysis Turnaround Time  
CALENDAR DAYS WORKING DAYS  
TAT If different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Client Contact  
National Engineering and Consulting Group Inc.  
19 Hammond Suite 309  
Irvine CA 92618  
Phone: 949 868-0866  
FAX: 949 868-7844  
Project Name: Exide Off-site Soil Remediation  
Site: 1155 Las Palms Street Los Angeles CA  
PO# PIA-05444

Sample Identification	Sample Date	Sample Time	Sample Type (C-Com, G-Gab)	Matrix	# of Cont.
PIA-05444 - P501 - 8	3-16-21	12:35	G	Soil	1
PIA-05444 - P502 - 9	3-16-21	12:40	G	Soil	1
PIA-05444 - P503 - 8	3-16-21	12:45	G	Soil	1
PIA-05444 - P504 - 7	3-16-21	12:48	G	Soil	1
PIA-05444 - P505 - 7	3-16-21	12:50	G	Soil	1
PIA-05444 - P506 - 8	3-16-21	12:55	G	Soil	1
PIA-05444 - P507 - 8	3-16-21	13:00	G	Soil	1
PIA-05444 - P508 - 9	3-16-21	13:05	G	Soil	1



440-280884 Chain of Custody

5/22/21  
07

Preservation Used:  Non-Hazardous  Hazardous  Other Inherent

Possible Hazard Identification: Please List any EPA Hazardous Waste for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/IG Requirements & Comments: POST SAMPLES WERE REQUESTED BY DTSC TREE CANOPY(S), PLANTERS, OR PROVIDED SAMPLE LOCATIONS P503 - 3401 153 1180 11 732 P505 - 3401 152 1180 11 733 P504 - 3401 153 1180 11 732 P506 - 3401 152 1180 11 730 P507 - 3401 152 1180 11 730 P508 - 3401 152 1180 11 726

Custody/Seals intact:  Yes  No  
Relinquished by: Robert Durazo  
Relinquished by: Kaitlyn  
Relinquished by: GWR  
Custody Seal No.:  
Company: NEC  
Company: NEC  
Company: EGI-RV  
Date/Time: 3-16-21 1700  
Date/Time: 3/17/21  
Date/Time: 3/22/21 1800  
Received by: Kaitlyn  
Received by: William Rivas  
Received in Laboratory by: [Signature]  
Company: NEC  
Company: EGI-RV  
Company: EGI IDV  
Date/Time: 3/16/21 1700  
Date/Time: 3/22/21 1616  
Date/Time: 3/22/21 1800  
Therm ID No.:  
Cooler Temp. (°C): Obs'd: Contr'd:  
Returned to Client: P504 3401 153 1180 11 732 P505 - 3401 152 1180 11 730 P506 - 3401 152 1180 11 726  
Archives for: Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)



## Login Sample Receipt Checklist

Client: National Engineering & Consulting Group

Job Number: 440-280884-1

**Login Number: 280884**

**List Number: 1**

**Creator: Escalante, Maria I**

**List Source: Eurofins Irvine**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## **Attachment J – Laboratory Data Validation Report**

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# National Engineering and Consulting Data Validation Report

**Project/Site Name:** PIA-05444

**LDC Report Date:** April 19, 2021

**Parameters:** Lead

**Validation Level:** Level III

**Laboratory:** Calscience

**Sample Delivery Group (SDG):** 440-280884

<b>Sample Identification</b>	<b>Laboratory Sample Identification</b>	<b>Matrix</b>	<b>Collection Date</b>
PIA-05444-PS01-8	440-280884-1	Soil	03/16/21
PIA-05444-PS02-9	440-280884-2	Soil	03/16/21
PIA-05444-PS03-8	440-280884-3	Soil	03/16/21
PIA-05444-PS04-7	440-280884-4	Soil	03/16/21
PIA-05444-PS05-7	440-280884-5	Soil	03/16/21
PIA-05444-PS06-8	440-280884-6	Soil	03/16/21
PIA-05444-PS07-8	440-280884-7	Soil	03/16/21
PIA-05444-PS08-9	440-280884-8	Soil	03/16/21

## **Introduction**

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (September 2016). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Lead by Environmental Protection Agency (EPA) SW 846 Method 6010B

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

- J+ (Estimated, High Bias): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated, displaying high bias, due to non-conformances discovered during data validation.
- J- (Estimated, Low Bias): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated, displaying low bias, due to non-conformances discovered during data validation.
- J (Estimated, Bias Indeterminate): The compound or analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation. Bias is indeterminate.
- U (Non-detected): The compound or analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).
- UU (Non-detected estimated): The compound or analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.
- R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.
- NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

## **I. Sample Receipt and Technical Holding Times**

All samples were received in good condition.

All technical holding time requirements were met.

## **II. Instrument Calibration**

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

## **III. ICP Interference Check Sample Analysis**

The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

## **IV. Laboratory Blanks**

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

## **V. Matrix Spike/Matrix Spike Duplicates**

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits

## VI. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

## VII. Field Duplicates

No samples were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/kg)		RPD (Limits)	Flag	A or P
	-	-			
Lead	-	-	N/A ( $\leq 35$ )	-	-

## VIII. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Property Assessment  
Metals - Data Qualification Summary – SDG - 440-280884**

No Sample Data Qualified in this SDG

**Property Assessment  
Metals - Laboratory Blank Data Qualification Summary - 440-280884**

No Sample Data Qualified in this SDG

# **Attachment K - Backfill Soil Sampling Data and Approval**



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

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03-02-2021

Ms. Marcella Duran  
American Integrated Services  
1502 E. Opp Street  
Wilmington, CA 90744

Digitally Signed By  
Hiral Doshi, PE  
5/19/2021

*Hiral Doshi*

Project: Exide-Res 39207  
Project Site: 2800 East 50th Street, Vernon, CA  
Sample Date: 02-22-2021  
Lab Job No.: A102054

Dear Ms. Duran:

Enclosed please find the analytical report for the sample(s) received by Alpha Scientific Corporation on 02-22-2021 and analyzed by the following EPA methods:

EPA 8015M (Total Petroleum Hydrocarbons)  
EPA 8260B (VOCs & Oxygenates by GC/MS)  
EPA 6010B/7471A for CAM Metals  
EPA 8082 (PCBs)  
EPA 8270C (SVOCs by GC/MS)  
Asbestos by PLM

Asbestos analyses was subcontracted to AmeriSci Laboratoies. Their original reports will be attached.

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

Alpha Scientific Corporation is a CA ELAP certified laboratory (Certificate Number 3007). Thank you for giving us the opportunity to serve you. Please feel free to call me at (562) 809-8880 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph.D.  
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
 Project: Exide-Res 39207  
 Project Site: 2800 East 50th Street, Vernon, CA  
 Matrix: Soil  
 Prep Method for TPH-g: EPA 5035  
 Batch No. for TPH-g: AMB23-GS1  
 Batch No. for TPH-d&o:BB23-DS1

Lab Job No.: A102054  
 Date Sampled: 02-22-2021  
 Date Received: 02-22-2021  
 Date Prepared: 02-22-2021  
 Date Analyzed: 02-23-2021  
 Date Analyzed: 02-23-2021  
 Date Reported: 03-02-2021

### EPA 8015M (Total Petroleum Hydrocarbons) Reporting Unit: mg/kg (ppm)

Sample ID	Lab ID	DF for TPH-G	C5-C12 TPH-G*	Surrog Rec.% TPH-G	DF for TPH-D/O	C13-C23 TPH-D	C24-C40 TPH-O	Surrog Rec.% TPH-D/O
MDL			0.2			2	25	
PQL			0.5			5	50	
Method Blank		1	ND	82	1	ND	ND	102
TS100-59	A102054-1	1	ND	85	1	2.9J	145	74
TS100-60	A102054-2	1	ND	82	1	ND	62.6	74
TS100-61	A102054-3	1	ND	80	1	7.9	292	75
TS100-62	A102054-4	1	ND	82	1	ND	74.8	80
TS100-63	A102054-5	1	ND	81	1	ND	ND	81

\* Gasoline Range TPH result is obtained from purge and trap analysis using LUFT-GC/MS method;  
 DF: Dilution Factor;  
 MDL: Method Detection Limit;  
 PQL: Practical Quantitation Limit;  
 ND: Not Detected (below MDL);  
 J: Result is between MDL and PQL.;  
 Note: Surrogate recovery acceptance limits are 70-130%.



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
Project: Exide-Res 39207

Lab Job No.: A102054  
Matrix: Soil

Date Reported: 03-02-2021  
Date Sampled: 02-22-2021

### EPA 8260B (VOCs by GC/MS, Page 1 of 2)

Reporting Unit:  $\mu\text{g}/\text{kg}(\text{ppb})$

DATE ANALYZED			02-23	02-23-21	02-23-21	02-23-21	02-23-21	02-23-21
PREP METHOD			5035	5035	5035	5035	5035	5035
DILUTION FACTOR			1	1	1	1	1	1
LAB SAMPLE I.D.			MB	A102054-1	A102054-2	A102054-3	A102054-4	A102054-5
CLIENT SAMPLE I.D.				TS100-59	TS100-60	TS100-61	TS100-62	TS100-63
COMPOUND	MDL	PQL						
Dichlorodifluoromethane	2	5	ND	ND	ND	ND	ND	ND
Chloromethane	2	5	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	5	ND	ND	ND	ND	ND	ND
Bromomethane	2	5	ND	ND	ND	ND	ND	ND
Chloroethane	2	5	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2	5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	2	5	ND	ND	ND	ND	ND	ND
Iodomethane	2	5	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	10	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	2	5	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	2	5	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2	5	ND	ND	ND	ND	ND	ND
Bromochloromethane	2	5	ND	ND	ND	ND	ND	ND
Chloroform	2	5	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane (EDC)	2	5	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	2	5	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	2	5	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND
Benzene	1	2	ND	1.1J	1.2J	1.1J	1.0J	ND
Trichloroethene	2	5	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	5	ND	ND	ND	ND	ND	ND
Dibromomethane	2	5	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	2	5	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	2	5	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	2	5	ND	ND	ND	ND	ND	ND
Dibromochloromethane	2	5	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether	2	10	ND	ND	ND	ND	ND	ND
Bromoform	2	5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	2	5	ND	ND	ND	ND	ND	ND
Bromobenzene	2	5	ND	ND	ND	ND	ND	ND
Toluene	1	2	ND	ND	ND	ND	ND	ND



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
Project: Exide-Res 39207

Lab Job No.: A102054  
Matrix: Soil

Date Reported: 03-02-2021  
Date Sampled: 02-22-2021

**EPA 8260B (VOCs by GC/MS, Page 2 of 2) Reporting Unit: ppb**

COMPOUND	MDL	PQL	MB	TS100-59	TS100-60	TS100-61	TS100-62	TS100-63
Tetrachloroethene	2.5	5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane(EDB)	2	5	ND	ND	ND	ND	ND	ND
Chlorobenzene	2	5	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	2	ND	ND	ND	ND	ND	ND
Total Xylenes	2	4	ND	ND	ND	ND	ND	ND
Styrene	2	5	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2	5	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	2	5	ND	ND	ND	ND	ND	ND
n-Propylbenzene	2	5	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	2	5	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	2	5	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	2	5	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	2	5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	2	5	ND	ND	ND	ND	ND	ND
n-Butylbenzene	2	5	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	2	5	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	2	5	ND	ND	ND	ND	ND	ND
Naphthalene	2	5	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	2	5	ND	ND	ND	ND	ND	ND
Acetone	75	100	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	50	100	ND	ND	ND	ND	ND	ND
Carbon Disulfide	25	50	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	50	100	ND	ND	ND	ND	ND	ND
2-Hexanone	50	100	ND	ND	ND	ND	ND	ND
Vinyl Acetate	25	50	ND	ND	ND	ND	ND	ND
Ethanol	500	1000	ND	ND	ND	ND	ND	ND
MTBE	2	5	ND	ND	ND	ND	ND	ND
ETBE	2	5	ND	ND	ND	ND	ND	ND
DIPE	2	5	ND	ND	ND	ND	ND	ND
TAME	2	5	ND	ND	ND	ND	ND	ND
TBA	20	50	ND	ND	ND	ND	ND	ND
SURROGATE	Accept Limit%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Dibromofluoro-methane	79-126	89	94	90	89	91	91	91
Toluene-d8	79-121	90	93	90	89	92	91	91
Bromofluoro-benzene	71-131	84	87	84	82	84	83	83

MB=Method Blank; MDL=Method Detection Limit; PQL=Practical Quantitation Limit; ND=Not Detected (below DF × MDL); J=Result is between DF × MDL and DF × PQL. m: Matrix interference



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
 Project: Exide-Res 39207  
 Project Site: 2800 East 50th Street, Vernon, CA  
 Matrix: Soil  
 Digestion Method: EPA 3050B  
 Batch No.: 0224-MS1

Lab Job No.: A102054  
 Date Sampled: 02-22-2021  
 Date Received: 02-22-2021  
 Date Digested: 02-23-2021  
 Date Analyzed: 02-24-2021  
 Date Reported: 03-02-2021

### EPA 6010B/7471A for CAM Metals (TTLC)

Reporting Units: mg/kg (ppm)

Element	EPA	Method Blank	A102054-1	A102054-2	A102054-3	A102054-4	A102054-5	MDL	PQL
	Method		TS100-59	TS100-60	TS100-61	TS100-62	TS100-63		
Antimony (Sb)	6010B	ND	4.7	5.4	4.1	5.1	5.1	1	2
Arsenic (As)	6010B	ND	2.7	1.0	0.50J	1.1	1.2	0.5	1
Barium (Ba)	6010B	ND	98.2	122	85.5	123	101	1	2
Beryllium (Be)	6010B	ND	ND	ND	ND	ND	ND	1	2
Cadmium (Cd)	6010B	ND	ND	ND	ND	ND	ND	1	2
Chromium (Cr)	6010B	ND	23.9	25.5	22.1	24.0	20.1	1	2
Cobalt (Co)	6010B	ND	7.6	8.9	6.8	8.9	7.8	1	2
Copper (Cu)	6010B	ND	16.8	11.4	7.8	12.7	12.3	1	2
Lead (Pb)	6010B	ND	11.6	18.4	10.7	21.6	12.9	1	2
Molybdenum (Mo)	6010B	ND	ND	ND	ND	ND	ND	1	2
Nickel (Ni)	6010B	ND	68.6	79.9	48.7	82.7	67.3	1	2
Selenium (Se)	6010B	ND	ND	ND	ND	ND	ND	0.5	1
Silver (Ag)	6010B	ND	ND	ND	ND	ND	ND	1	2
Thallium (Tl)	6010B	ND	ND	ND	ND	ND	ND	1	2
Vanadium (V)	6010B	ND	128	153	123	155	132	1	2
Zinc (Zn)	6010B	ND	69.9	90.0	62.2	89.3	73.0	1	2
Mercury (Hg)	7471A	ND	ND	ND	ND	ND	ND	0.1	0.2

MDL: Method Detection Limit;  
 PQL: Practical Quantitation Limit;  
 ND: Not Detected (less than MDL);  
 J: Result is between MDL and PQL.



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

Client: American Integrated Services  
 Project: Exide-Res 39207  
 Project Site: 2800 East 50th Street, Vernon, CA  
 Matrix: Soil  
 Extraction Method: EPA 3550B  
 Batch No. AB23-PCBS1

Lab Job No.: A102054  
 Date Sampled: 02-22-2021  
 Date Received: 02-22-2021  
 Date Extracted: 02-23-2021  
 Date Analyzed: 02-23-2021  
 Date Reported: 03-02-2021

**EPA 8082 (PCB's)**  
**Reporting Unit: mg/kg (ppm)**

Sample ID	Lab ID	DF	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	Surrog Rec.%
MDL			0.025	0.025	0.025	0.025	0.025	0.025	0.025	
PQL			0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Method Blank		1	ND	ND	ND	ND	ND	ND	ND	101
TS100-59	A102054-1	1	ND	ND	ND	ND	ND	ND	ND	96
TS100-60	A102054-2	1	ND	ND	ND	ND	ND	ND	ND	99
TS100-61	A102054-3	1	ND	ND	ND	ND	ND	ND	ND	97
TS100-62	A102054-4	1	ND	ND	ND	ND	ND	ND	ND	102
TS100-63	A102054-5	1	ND	ND	ND	ND	ND	ND	ND	102

MDL=Method Detection Limit;  
 PQL=Practical Quantitation Limit;  
 ND=Not Detected (below DF × MDL).  
 J=result is between DF × MDL and DF × PQL.  
 Note: Surrogate recovery acceptance limits are 60-140%.



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
Project: Exide-Res 39207

Lab Job No.: A102054  
Matrix: Soil

Date Reported: 03-02-2021  
Date Sampled: 02-22-2021

### EPA 8270C (Semi-VOCs by GC/MS, Page 1 of 2)

**Reporting Unit: mg/kg (ppm)**

DATE EXTRACTED			02-23	02-23-21	02-23-21	02-23-21	02-23-21	02-23-21
DATE ANALYZED			02-23	02-23-21	02-23-21	02-23-21	02-23-21	02-23-21
DILUTION FACTOR			1	1	1	1	1	1
LAB SAMPLE I.D.			MB	A102054-1	A102054-2	A102054-3	A102054-4	A102054-5
CLIENT SAMPLE I.D.				TS100-59	TS100-60	TS100-61	TS100-62	TS100-63
COMPOUND	MDL	PQL						
Phenol	0.22	0.33	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether	0.22	0.33	ND	ND	ND	ND	ND	ND
2-Chlorophenol	0.22	0.33	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzyl alcohol	0.44	0.66	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
2-Methylphenol (o-cresol)	0.22	0.33	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	0.22	0.33	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Methylphenol (p-cresol)	0.22	0.33	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.22	0.33	ND	ND	ND	ND	ND	ND
Nitrobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
Isophorone	0.22	0.33	ND	ND	ND	ND	ND	ND
2-Nitrophenol	0.22	0.33	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	0.22	0.33	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	0.22	0.33	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzoic acid	1.11	1.65	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
Naphthalene	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Chloroaniline	0.44	0.66	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	0.44	0.66	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	0.22	0.33	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	0.44	0.66	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	0.22	0.33	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	0.34	0.5	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	0.22	0.33	ND	ND	ND	ND	ND	ND
2-Nitroaniline	1.11	1.65	ND	ND	ND	ND	ND	ND
Dimethylphthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.22	0.33	ND	ND	ND	ND	ND	ND



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

Client: American Integrated Services  
Project: Exide-Res 39207

Lab Job No.: A102054  
Matrix: Soil

Date Reported: 03-02-2021  
Date Sampled: 02-22-2021

### EPA 8270C (Semi-VOCs by GC/MS, Page 2 of 2) Reporting Unit: mg/kg(ppm)

COMPOUND	MDL	PQL	MB	TS100-59	TS100-60	TS100-61	TS100-62	TS100-63
2,6-Dinitrotoluene	0.22	0.33	ND	ND	ND	ND	ND	ND
3-Nitroaniline	1.11	1.65	ND	ND	ND	ND	ND	ND
Acenaphthene	0.22	0.33	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1.11	1.65	ND	ND	ND	ND	ND	ND
Dibenzofuran	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Nitrophenol	1.11	1.65	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	0.22	0.33	ND	ND	ND	ND	ND	ND
Fluorene	0.22	0.33	ND	ND	ND	ND	ND	ND
Diethylphthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Nitroaniline	1.11	1.65	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine	0.22	0.33	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1.11	1.65	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	0.22	0.33	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenyl ether	0.22	0.33	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.22	0.33	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.11	1.65	ND	ND	ND	ND	ND	ND
Benzidine	1.11	1.65	ND	ND	ND	ND	ND	ND
Phenanthrene	0.22	0.33	ND	ND	ND	ND	ND	ND
Anthracene	0.22	0.33	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
Fluoranthene	0.22	0.33	ND	ND	ND	ND	ND	ND
Pyrene	0.22	0.33	ND	ND	ND	ND	ND	ND
Butyl benzylphthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.22	0.33	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	0.44	0.66	ND	ND	ND	ND	ND	ND
Chrysene	0.22	0.33	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.22	0.33	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.22	0.33	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	0.22	0.33	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	0.22	0.33	ND	ND	ND	ND	ND	ND
SURROGATE	Accept Limit%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
2-Fluorophenol	10-124	55	84	78	78	73	76	
Phenol-d5	30-115	59	68	63	64	68	62	
Nitrobenzene-d5	10-139	66	69	65	62	71	61	
2-Fluorobiphenyl	20-125	37	64	61	84	71	91	
2,4,6-Tribromophenol	10-197	70	96	80	105	106	86	
Terphenyl-d14	18-157	101	144	145	137	115	144	

MB=Method Blank; MDL=Method Detection Limit; PQL=Practical Quantitation Limit; ND=Not Detected (below DF × MDL).

\* Result from a higher dilution analysis. J=Result is between DF × MDL & DF × PQL. m: Matrix Interference



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### TPH-Gasoline Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Batch No: AMB23-GS1

Lab Job No: A102054  
Lab Sample I.D.: PI102056-1  
Date Analyzed: 02-23-2021

#### I. MS/MSD Report Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1,000	871	906	87.1	90.6	3.9	30	70-130

#### II. LCS Result Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
TPH-g	923	1,000	92.3	80-120

ND: Not Detected (at the specified limit).



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 8015M (TPH) Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Batch No: BB23-DS1

Lab Job No: A102054  
Lab Sample I.D.: PI102056-1  
Date Analyzed: 02-23-2021

#### I. MS/MSD Report Unit: ppm

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-D	ND	200	227	209	113.5	104.5	8.3	30	70-130

#### II. LCS Result Unit: ppm

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
TPH-D	218	200	109.0	80-120

ND: Not Detected (at the specified limit).



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 8260B Batch QA/QC Report

Client: American Integrated Services  
 Project: Exide-Res 39207  
 Matrix: Soil  
 Batch No: 0223-VOAS1

Lab Job No: A102054  
 Lab Sample I.D.: PI102056-1  
 Date Analyzed: 02-23-2021

#### I. MS/MSD Report Unit: ppb

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	19.8	20.2	99.0	101.0	2.0	30	70-130
Benzene	ND	20	18.7	19.4	93.5	97.0	3.7	30	70-130
Trichloro-ethene	ND	20	19.6	21.7	98.0	108.5	10.2	30	70-130
Toluene	ND	20	18.6	20.1	93.0	100.5	7.8	30	70-130
Chlorobenzene	ND	20	20.9	21.8	104.5	109.0	4.2	30	70-130

#### II. LCS Result Unit: ppb

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	17.1	20.0	85.5	80-120
Benzene	16.1	20.0	80.5	80-120
Trichloro-ethene	17.5	20.0	87.5	80-120
Toluene	16.1	20.0	80.5	80-120
Chlorobenzene	18.7	20.0	93.5	80-120

ND: Not Detected (at the specified limit).



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 6010B/7471A for CAM Metals (TTLC) Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Batch No.: 0224-MS1

Lab Job No: A102054  
Lab Sample I.D.: A102050-1  
Date Analyzed: 02-24-2021

#### I. MS/MSD Report Unit: ppm

Analyte	EPA Method	Sample Conc.	Spike Conc.	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Antimony (Sb)	6010B	3.9	10	112.8	115.2	2.1	30	70-130
Arsenic (As)	6010B	0.77	10	117.7	120.9	2.6	30	70-130
Barium (Ba)	6010B	170	10	102.8	103.6	0.8	30	70-130
Beryllium (Be)	6010B	ND	10	103.2	104.3	1.1	30	70-130
Cadmium (Cd)	6010B	ND	10	116.0	118.0	1.7	30	70-130
Chromium (Cr)	6010B	75.1	10	99.6	102.6	3.0	30	70-130
Cobalt (Co)	6010B	10.4	10	103.7	105.2	1.5	30	70-130
Copper (Cu)	6010B	17.1	10	128.2	128.3	0.1	30	70-130
Lead (Pb)	6010B	ND	10	89.0	95.2	6.8	30	70-130
Molybdenum (Mo)	6010B	ND	10	107.4	110.6	2.9	30	70-130
Nickel (Ni)	6010B	91.9	10	105.9	107.0	1.0	30	70-130
Selenium (Se)	6010B	ND	10	106.0	93.0	13.0	30	70-130
Silver (Ag)	6010B	4.5	10	101.0	116.3	14.1	30	70-130
Thallium (Tl)	6010B	ND	10	89.8	95.0	5.6	30	70-130
Vanadium (V)	6010B	224	10	104.0	104.8	0.7	30	70-130
Zinc (Zn)	6010B	65.7	10	106.2	107.5	1.2	30	70-130

ND: Not Detected.



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 6010B/7471A for CAM Metals Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Batch No.: 0224-MS1

Lab Job No: A102054  
Lab Sample I.D.: LCS  
Date Analyzed: 02-24-2021

#### II. LCS Result Unit: ppm

Analyte	EPA Method	LCS Value	True Value	Rec.%	Accept. Limit
Antimony (Sb)	6010B	11.02	10	110.2	80-120
Arsenic (As)	6010B	10.39	10	103.9	80-120
Barium (Ba)	6010B	10.17	10	101.7	80-120
Beryllium (Be)	6010B	10.03	10	100.3	80-120
Cadmium (Cd)	6010B	10.41	10	104.1	80-120
Chromium (Cr)	6010B	11.14	10	111.4	80-120
Cobalt (Co)	6010B	9.841	10	98.4	80-120
Copper (Cu)	6010B	10.48	10	104.8	80-120
Lead (Pb)	6010B	10.02	10	100.2	80-120
Molybdenum (Mo)	6010B	10.15	10	101.5	80-120
Nickel (Ni)	6010B	10.49	10	104.9	80-120
Selenium (Se)	6010B	10.47	10	104.7	80-120
Silver (Ag)	6010B	10.28	10	102.8	80-120
Thallium (Tl)	6010B	11.48	10	114.8	80-120
Vanadium (V)	6010B	9.096	10	91.0	80-120
Zinc (Zn)	6010B	10.58	10	105.8	80-120

ND: Not Detected (at the specified limit).



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 8082 Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Batch No: AB23-PCBS1

Lab Job No: A102054  
Lab Sample I.D.: PI011056-1  
Date Analyzed: 02-23-2021

#### I. MS/MSD Report Unit: ppb

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1016	ND	500	443	479	88.6	95.8	7.8	30	46-127
1260	ND	500	408	415	81.6	83.0	1.7	30	31-134

#### II. LCS Result Unit: ppb

Compound	LCS Report Value	True Value	Rec.%	Accept. Limit
1016	455	500	91.0	80-120
1260	485	500	97.0	80-120

ND: Not Detected (at the specified limit).



# ALPHA SCIENTIFIC CORPORATION

## Environmental Laboratories

03-02-2021

### EPA 8270C (SVOCs) Batch QA/QC Report

Client: American Integrated Services  
Project: Exide-Res 39207  
Matrix: Soil  
Project: 0223-BNAS1

Lab Job No: A102054  
Lab Sample I.D.: PI102046-4  
Date Analyzed: 02-23-2021

#### MS/MSD Report Unit: ppm

Compound	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Phenol	ND	10.0	7.44	7.40	74.4	74.0	0.5	40	12-130
2-Chlorophenol	ND	10.0	7.62	7.80	76.2	78.0	2.3	40	24-134
1,4-Dichloro-benzene	ND	5.0	3.77	3.73	75.4	74.6	1.1	40	36-124
n-Nitroso-di-n-propylamine	ND	5.0	4.68	4.29	93.6	85.8	8.7	40	41-230
1,2,4-Trichloro benzene	ND	5.0	3.68	3.83	73.6	76.6	4.0	40	44-142
4-Chloro-3-methylphenol	ND	10.0	5.54	4.86	55.4	48.6	13.1	40	22-147
Acenaphthene	ND	5.0	3.76	3.75	75.2	75.0	0.3	40	47-145
4-Nitrophenol	ND	10.0	10.7	9.96	107.0	99.6	8.9	58	12-132
2,4-Dinitro-toluene	ND	5.0	3.78	3.74	75.6	74.8	8.9	40	39-139
Pentachloro-phenol	ND	10.0	8.11	6.86	81.1	68.6	16.7	51	14-176
Pyrene	ND	5.0	3.85	3.92	77.0	78.4	1.8	30	26-130

ND: Not Detected



Please Reply To:

**AmeriSci Los Angeles**

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

**FACSIMILE TELECOPY TRANSMISSION**

**To:** Roger Wang  
Alpha Scientific Corp.  
**Fax #:**  
**Email:** asc90703@gmail.com

**From:** Kristina Martinez  
**AmeriSci Job #:** 921021614  
**Subject:** PLM-Bulk-Qualitative 5 day Result  
**Client Project:** A102054; Exide Res 39207 East  
50th Street Vernon CA

**Date:** Monday, March 1, 2021  
**Time:** 20:37:17

**Number of Pages:** 4  
(including cover sheet)

**Comments:**

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**PLM Bulk Asbestos Report**

Alpha Scientific Corp.  
Attn: Roger Wang  
16760 Gridley Rd.

Cerritos, CA 90703

**Date Received** 02/22/21 **AmeriSci Job #** 921021614

**Date Examined** 03/01/21 **P.O. #** A102054

**Page** 1 of 2

**RE:** A102054; Exide Res 39207 East 50th Street Vernon CA

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
TS100-59 <b>Location:</b>	921021614-01	<b>No</b>	<b>NVA</b>  by Kristina Martinez on 03/01/21
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Soil <b>Asbestos Types:</b> <b>Other Material:</b> NVA			
TS100-60 <b>Location:</b>	921021614-02	<b>No</b>	<b>NVA</b>  by Kristina Martinez on 03/01/21
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Soil <b>Asbestos Types:</b> <b>Other Material:</b> NVA			
TS100-61 <b>Location:</b>	921021614-03	<b>No</b>	<b>NVA</b>  by Kristina Martinez on 03/01/21
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Soil <b>Asbestos Types:</b> <b>Other Material:</b> NVA			
TS100-62 <b>Location:</b>	921021614-04	<b>No</b>	<b>NVA</b>  by Kristina Martinez on 03/01/21
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Soil <b>Asbestos Types:</b> <b>Other Material:</b> NVA			
TS100-63 <b>Location:</b>	921021614-05	<b>No</b>	<b>NVA</b>  by Kristina Martinez on 03/01/21
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Soil <b>Asbestos Types:</b> <b>Other Material:</b> NVA			

Client Name: Alpha Scientific Corp.

# PLM Bulk Asbestos Report

A102054; Exide Res 39207 East 50th Street Vernon CA

---

**Reporting Notes:**

Analyzed By: Kristina Martinez K. Martinez; Date Analyzed: 3/1/2021 3/1/21  
\*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: [Signature]





## Alpha Scientific Corporation Sample Acceptance Checklist

### Section 1

Client: AIS Project: Exide-Res 39207 Lab Job# A102054

Date Received: 2-22-21

Sample(s) received in cooler(s)? Yes  No  (skip to Section 2)

Cooler(s) packed with: Ice  Ice Packs  Packing Material

Cooler Temperature (°C): #1: ψC #2:      #3:      #4:      #5:     

(Acceptable range is 0°C to 6°C or arriving on ice for samples received on the same day as collected.)

(Ambient Temperature for vapor or air samples is acceptable.)

If sample(s) received outside acceptable range, Project Manager contacted by (Personnel Initial):     

### Section 2

	YES	NO	N/A
Was a COC received?	✓		
Were client sample IDs present?	✓		
Were sample(s) collection dates present?	✓		
Was the COC signed?	✓		
Were tests clearly indicated?	✓		
Did all samples arrive intact? If no, indicate below.	✓		
Did all container labels agree with COC?	✓		
Were correct containers used for the tests required?	✓		
Was there sufficient sample amount for requested tests?	✓		
Were the samples correctly preserved?	✓		
Was there headspace in VOA vials?			✓
Were Custody seals present?		✓	
If yes-were they intact?			✓

### Section 3

Explanations/Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Section 4

Was the Project Manager notified of anomalies? Yes  No  N/A

Via Phone: By: \_\_\_\_\_ Date/Time \_\_\_\_\_

By Email: Sent to: \_\_\_\_\_

Project Manager's response: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Completed by: ML Date: 2-22-21

# **Attachment L – Waste Characterization and Landfill Approval**

## **Attachment L1 - Waste Characterization**

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## ANALYTICAL REPORT

Eurofins Calscience Irvine  
17461 Derian Ave  
Suite 100  
Irvine, CA 92614-5817  
Tel: (949)261-1022

Laboratory Job ID: 440-277407-1  
Client Project/Site: PIA05444

For:  
National Engineering & Consulting Group  
15 Hammond  
Suite 309  
Irvine, California 92618

Attn: Wael Ibrahim



Authorized for release by:  
1/21/2021 9:30:00 AM

Lena Davidkov, Project Manager II  
(949)260-3229  
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### LINKS

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results through  
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*The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Sample Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
440-277407-5	PIA05444-WC-A1A2A3	Solid	01/12/21 10:10	01/14/21 16:30	

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# Case Narrative

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

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## Job ID: 440-277407-1

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### Laboratory: Eurofins Calscience Irvine

#### Narrative

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#### Job Narrative 440-277407-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 1/14/2021 4:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.7° C.

#### Metals

Methods 200.7 Rev 4.4, 6010B: The following samples were diluted due to the nature of the sample matrix: (440-277406-A-5-G MS ^5) and (440-277406-A-5-H MSD ^5). Because of this dilution, the spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information for Selenium.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Client Sample Results

Client: National Engineering & Consulting Group  
 Project/Site: PIA05444

Job ID: 440-277407-1

**Client Sample ID: PIA05444-WC-A1A2A3**

**Lab Sample ID: 440-277407-5**

Date Collected: 01/12/21 10:10

Matrix: Solid

Date Received: 01/14/21 16:30

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		01/19/21 08:10	01/20/21 11:49	5
<b>Lead</b>	<b>100</b>		1.0		mg/Kg		01/19/21 08:10	01/20/21 11:49	5
<b>Zinc</b>	<b>170</b>		5.0		mg/Kg		01/19/21 08:10	01/20/21 11:49	5
<b>Copper</b>	<b>30</b>		2.0		mg/Kg		01/19/21 08:10	01/20/21 11:49	5
<b>Cadmium</b>	<b>0.53</b>		0.50		mg/Kg		01/19/21 08:10	01/20/21 11:49	5
Arsenic	ND		3.0		mg/Kg		01/19/21 08:10	01/20/21 11:49	5

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10		mg/L		01/18/21 02:46	01/18/21 18:58	1

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Lead</b>	<b>2.1</b>		0.10		mg/L			01/18/21 11:59	20

# Method Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL IRV
1311	TCLP Extraction	SW846	TAL IRV
3010A	Preparation, Total Metals	SW846	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL IRV

#### Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



# Lab Chronicle

Client: National Engineering & Consulting Group  
 Project/Site: PIA05444

Job ID: 440-277407-1

**Client Sample ID: PIA05444-WC-A1A2A3**

**Lab Sample ID: 440-277407-5**

**Date Collected: 01/12/21 10:10**

**Matrix: Solid**

**Date Received: 01/14/21 16:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.06 g	500 mL	636244	01/16/21 03:00	XBO9	TAL IRV
STLC Citrate	Analysis	6010B		20			636321	01/18/21 11:59	K1UV	TAL IRV
TCLP	Leach	1311			99.96 g	2000 mL	636245	01/17/21 03:00	XBO9	TAL IRV
TCLP	Prep	3010A			5 mL	50 mL	636267	01/18/21 02:46	XBO9	TAL IRV
TCLP	Analysis	6010B		1			636370	01/18/21 18:58	P1R	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	636329	01/19/21 08:10	NE1	TAL IRV
Total/NA	Analysis	6010B		5			636570	01/20/21 11:49	K1UV	TAL IRV

**Laboratory References:**

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: National Engineering & Consulting Group  
 Project/Site: PIA05444

Job ID: 440-277407-1

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 440-636329/1-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 636570**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 636329**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		01/19/21 08:10	01/20/21 11:25	5
Lead	ND		1.0		mg/Kg		01/19/21 08:10	01/20/21 11:25	5
Zinc	ND		5.0		mg/Kg		01/19/21 08:10	01/20/21 11:25	5
Copper	ND		2.0		mg/Kg		01/19/21 08:10	01/20/21 11:25	5
Cadmium	ND		0.50		mg/Kg		01/19/21 08:10	01/20/21 11:25	5
Arsenic	ND		3.0		mg/Kg		01/19/21 08:10	01/20/21 11:25	5

**Lab Sample ID: LCS 440-636329/2-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 636570**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 636329**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	47.2		mg/Kg		94	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120
Zinc	50.0	48.6		mg/Kg		97	80 - 120
Copper	50.0	48.6		mg/Kg		97	80 - 120
Cadmium	50.0	47.1		mg/Kg		94	80 - 120
Arsenic	50.0	47.4		mg/Kg		95	80 - 120

**Lab Sample ID: 440-277406-A-5-G MS ^5**  
**Matrix: Solid**  
**Analysis Batch: 636570**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 636329**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	50.8	14.7	F1	mg/Kg		29	75 - 125
Lead	60		50.8	110		mg/Kg		100	75 - 125
Zinc	260		50.8	324	4	mg/Kg		136	75 - 125
Copper	34		50.8	88.1		mg/Kg		106	75 - 125
Cadmium	0.53		50.8	46.2		mg/Kg		90	75 - 125
Arsenic	4.5		50.8	49.9		mg/Kg		89	75 - 125

**Lab Sample ID: 440-277406-A-5-H MSD ^5**  
**Matrix: Solid**  
**Analysis Batch: 636570**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 636329**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	50.5	13.0	F1	mg/Kg		26	75 - 125	12	20
Lead	60		50.5	113		mg/Kg		105	75 - 125	2	20
Zinc	260		50.5	329	4	mg/Kg		145	75 - 125	1	20
Copper	34		50.5	88.5		mg/Kg		107	75 - 125	0	20
Cadmium	0.53		50.5	46.0		mg/Kg		90	75 - 125	1	20
Arsenic	4.5		50.5	50.3		mg/Kg		90	75 - 125	1	20

**Lab Sample ID: MB 440-636245/1-B**  
**Matrix: Solid**  
**Analysis Batch: 636370**

**Client Sample ID: Method Blank**  
**Prep Type: TCLP**  
**Prep Batch: 636267**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10		mg/L		01/18/21 02:46	01/18/21 18:41	1

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# QC Sample Results

Client: National Engineering & Consulting Group  
 Project/Site: PIA05444

Job ID: 440-277407-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 440-636245/2-B**  
**Matrix: Solid**  
**Analysis Batch: 636370**

**Client Sample ID: Lab Control Sample**  
**Prep Type: TCLP**  
**Prep Batch: 636267**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	2.00	1.94		mg/L		97	80 - 120

**Lab Sample ID: 440-277406-A-5-D MS**  
**Matrix: Solid**  
**Analysis Batch: 636370**

**Client Sample ID: Matrix Spike**  
**Prep Type: TCLP**  
**Prep Batch: 636267**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		2.00	1.94		mg/L		97	75 - 125

**Lab Sample ID: 440-277406-A-5-E MSD**  
**Matrix: Solid**  
**Analysis Batch: 636370**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: TCLP**  
**Prep Batch: 636267**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		2.00	1.97		mg/L		98	75 - 125	1	20

**Lab Sample ID: MB 440-636244/1-A ^20**  
**Matrix: Solid**  
**Analysis Batch: 636321**

**Client Sample ID: Method Blank**  
**Prep Type: STLC Citrate**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10		mg/L			01/18/21 11:44	20

**Lab Sample ID: LCS 440-636244/2-A ^20**  
**Matrix: Solid**  
**Analysis Batch: 636321**

**Client Sample ID: Lab Control Sample**  
**Prep Type: STLC Citrate**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	20.0	19.4		mg/L		97	80 - 120

**Lab Sample ID: 440-277406-A-5-A MS ^20**  
**Matrix: Solid**  
**Analysis Batch: 636321**

**Client Sample ID: Matrix Spike**  
**Prep Type: STLC Citrate**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.75		20.0	19.7		mg/L		95	75 - 125

**Lab Sample ID: 440-277406-A-5-A MSD ^20**  
**Matrix: Solid**  
**Analysis Batch: 636321**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: STLC Citrate**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	0.75		20.0	19.9		mg/L		96	75 - 125	1	20

# QC Association Summary

Client: National Engineering & Consulting Group  
 Project/Site: PIA05444

Job ID: 440-277407-1

## Metals

### Leach Batch: 636244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	STLC Citrate	Solid	CA WET Citrate	
MB 440-636244/1-A ^20	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 440-636244/2-A ^20	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
440-277406-A-5-A MS ^20	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
440-277406-A-5-A MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

### Leach Batch: 636245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	TCLP	Solid	1311	
MB 440-636245/1-B	Method Blank	TCLP	Solid	1311	
LCS 440-636245/2-B	Lab Control Sample	TCLP	Solid	1311	
440-277406-A-5-D MS	Matrix Spike	TCLP	Solid	1311	
440-277406-A-5-E MSD	Matrix Spike Duplicate	TCLP	Solid	1311	

### Prep Batch: 636267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	TCLP	Solid	3010A	636245
MB 440-636245/1-B	Method Blank	TCLP	Solid	3010A	636245
LCS 440-636245/2-B	Lab Control Sample	TCLP	Solid	3010A	636245
440-277406-A-5-D MS	Matrix Spike	TCLP	Solid	3010A	636245
440-277406-A-5-E MSD	Matrix Spike Duplicate	TCLP	Solid	3010A	636245

### Analysis Batch: 636321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	STLC Citrate	Solid	6010B	636244
MB 440-636244/1-A ^20	Method Blank	STLC Citrate	Solid	6010B	636244
LCS 440-636244/2-A ^20	Lab Control Sample	STLC Citrate	Solid	6010B	636244
440-277406-A-5-A MS ^20	Matrix Spike	STLC Citrate	Solid	6010B	636244
440-277406-A-5-A MSD ^20	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	636244

### Prep Batch: 636329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	Total/NA	Solid	3050B	
MB 440-636329/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-636329/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-277406-A-5-G MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-277406-A-5-H MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

### Analysis Batch: 636370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	TCLP	Solid	6010B	636267
MB 440-636245/1-B	Method Blank	TCLP	Solid	6010B	636267
LCS 440-636245/2-B	Lab Control Sample	TCLP	Solid	6010B	636267
440-277406-A-5-D MS	Matrix Spike	TCLP	Solid	6010B	636267
440-277406-A-5-E MSD	Matrix Spike Duplicate	TCLP	Solid	6010B	636267

### Analysis Batch: 636570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277407-5	PIA05444-WC-A1A2A3	Total/NA	Solid	6010B	636329
MB 440-636329/1-A ^5	Method Blank	Total/NA	Solid	6010B	636329
LCS 440-636329/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	636329

Eurofins Calscience Irvine

# QC Association Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

## Metals (Continued)

### Analysis Batch: 636570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-277406-A-5-G MS ^5	Matrix Spike	Total/NA	Solid	6010B	636329
440-277406-A-5-H MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	636329

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# Definitions/Glossary

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: National Engineering & Consulting Group  
Project/Site: PIA05444

Job ID: 440-277407-1

## Laboratory: Eurofins Calscience Irvine

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-21

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## Login Sample Receipt Checklist

Client: National Engineering & Consulting Group

Job Number: 440-277407-1

**Login Number: 277407**

**List Number: 1**

**Creator: Lagunas, Jorge L**

**List Source: Eurofins Irvine**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## **Attachment L2 - Landfill Approval**

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Status: \_\_\_\_\_ APPROVED  
 Approval #: \_\_\_\_\_  
 CCL-18-219  
 Expires On: \_\_\_\_\_  
 7/13/21



Waste profile name: DTSC - Master Exide Residential Clean-up  
 ID: 52241359-0721-464d-895f-23a02c642e66

**GENERATOR**

Name: DTSC - Exide Residential Cleanup  
 Address: 8800 Cal Center Drive City: Sacramento State: CA  
 Postal Code: 95826 County: Sacramento  
 Contact: \_\_\_\_\_ Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**MATERIAL ORIGIN**

Address: Various Site Locations City: Los Angeles State: CA  
 Various Postal Codes County: \_\_\_\_\_  
 Postal Code: \_\_\_\_\_  
 EPA ID: CAR000284026 State ID: N/A

**DESTINATION WASTE FACILITY**

Name: Chiquita Canyon LF  
 Address: 29201 Henry Mayo Drive City: Castaic State: CA  
 Postal Code: 91384 County: \_\_\_\_\_  
 Contact: \_\_\_\_\_ Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**BILLING**

Name: American Integrated Services, Inc.  
 Address: 1502 E. Opp Street City: Wilmington State: CA  
 Postal Code: 90744 County: \_\_\_\_\_  
 Contact: \_\_\_\_\_ Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**TRANSPORTER**

Transporter Name: American Integrated Services, Inc.  
 Contact: \_\_\_\_\_ Email: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**MATERIAL**

Is this an Industrial Waste Stream?  Yes  No  
 Common Name: Contaminated Soil  
 Generation Process: Air Deposited Inorganic Containments at Properties Surrounding the Former Exide Technologies Facility in Vernon, CA  
 Preferred Disposal Methods: NH001  
 Source of Contamination: Airborne Lead particulates

**MATERIAL COMPOSITION**

Constituent Soil \_\_\_\_\_ 0% TO 99.9%  
 State Waste Codes: N/A  
 Color: Brown  
 Physical state at 70° F:  Solid  Liquid  Sludge  Dust  Other  
 pH N/A  
 Strong Odor No Describe Odor \_\_\_\_\_  
 Reactivity No  
 Flash Point  < 140°F  140°-199°F  > 200°F  N/A

**REGULATORY**

EPA Hazardous Waste?  Yes  No  
 If No, Attached Non-Hazardous Determination Document(s) (Check all that apply)  
 Process Knowledge  Process Details \_\_\_\_\_

SDS

Certified Analytical Sample

Is the data derived from testing a representative sample in accordance with 40 CFR 261 and/or other applicable laws?  Yes  No

If Yes, Type of Analytical Sample  Composite  Grab

See attached data for various sites  
Sample ID # \_\_\_\_\_

Exempt Waste

Applicable Exempt Waste Item

UST Corrective Action - 40 CFR 261.4 (b)(10)  PCB Bulk Product Waste - 40 CFR 761.62  Oil & Gas E&P Waste - 40 CFR 261.4 (b)(5)  
 RCRA-Empty Containers - 40 CFR 261.7  Other

If Other, Provided reference \_\_\_\_\_

State Hazardous Waste?  Yes  No

Is this material non-hazardous due to treatment, delisting, or exclusion?  Yes  No

From an industry regulated under Benzene NESHAP?  Yes  No

Facility remediation subject to 40 CFR 63 GGGGG?  Yes  No

CERCLA or State-Mandated clean-up?  Yes  No

Regulated, Licensed or NORM Radioactive Waste?  Yes  No

Contains PCBs?  Yes  No

Regulated and/or Untreated Medical/Infectious Waste?  Yes  No

Contains Asbestos?  Yes  No

Subject to RCRA Subpart CC controls?  Yes  No

**SHIPPING & DOT**

Event Frequency  One Time  On-Going

Estimated Annual Qty 2000 tons from various individual home sites

Unit of Measure  Tons  Yards  Drums  Gallons  Other

Shipping Frequency

Once  Daily  Weekly  Monthly  Other \_\_\_\_\_

Qty Per Shipment 25

Container Type Bins

Container Size 20 CY

USDOT Shipping Name Non-Hazardous Waste Solid (Soil)

**PROFILE CERTIFICATION**

I hereby certify that (1) all information submitted on this form and on supplemental materials is complete and accurate to the best of my knowledge and ability to determine; (2) the information provided herein, including any supplemental information, such as laboratory analytical, MSDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed. I understand that, once the waste stream is approved by Destination Facility based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Destination Facility. I further understand that any deviation from the information contained herein will require immediate notification to the Destination Facility and cessation of disposal.

*Marcella Duran*

Certified on 6/30/20 by Marcella Duran as a Authorized Agent of American Integrated Services, Inc.

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
PIA-03816	1041 Downey Rd, LA, CA 90023	C
RP0751	3850 5th St, LA, CA 90063	C
PIA-01008	4701 Leonis St, Commerce, CA 90040	C
RP1654	1272 Brannick Ave, LA, CA 90023	C
PIA-03255	1258 S Bonnie Beach Pl, LA, CA 90023	C
RP1862A	3429 8th St, LA, CA 90023	C
RP1145	3484 Hunter St, LA, CA 90023	C
PIA-02883	1151 Alma Ave, LA, CA 90023	C
PIA-02588	3744 6th St, LA, CA 90063	C
PIA-00459	1358 S Duncan Ave, Commerce, CA 90040	C
RP0998	1000 Eastman Ave, LA 90023	C
RP1359	1037 Herbert Ave, LA, CA 90023	C
RP0088	1032 Concord St, LA, CA 90023	C
E03851	4405 Tuttle St, LA CA 90040	C
RP0996	926 Eastman Ave, LA, CA 90023	C
E03863	4394 Tuttle St, LA, CA 90023	C
PIA-03530	1022 Concord St, LA, CA 90023	C
PIA-03703	1027 Ditman Ave, LA, CA 90023	C
PIA-00836	1452 Eastern Ave, Commerce, CA 90040	C
PIA-06485	3532 Sabina St, LA, CA 90023	C
PIA-04674	1036 Grande Vista Ave, LA, CA 90023	C
RP0873	559 Ditman Ave, LA, CA 90063	C
PIA-05866	3434 Opal St, LA, CA 90023	C
E06119	4127 54th St, Maywood, CA 90270	C
RP1121	2328 Cowlin Ave, Commerce, CA 90040	C
B0191	463 Downey Rd, LA, CA 90063	C
RP2600	2200 Cowlin Ave, Commerce, CA 90040	C
RP0442	1407 McDonnell Ave, Commerce, CA 90040	C
PIA-08713	3920 58th St, Maywood, CA 90270	C
RP0246	3548 Opal St, LA, CA 90023	C
RP0022	1156 Orme Ave, LA, CA 90023	C
B0084	3756 Princeton St, LA, CA 90023	C
RP1460	1015 Calzona St. Los Angeles, CA 90023	C
A0053	926 Spence St, LA, CA 90023	C
A0062	1151 Calzona St, LA, CA 90023	C
RP3002	1028 Ditman Ave, LA, CA 90023	C
D1093	4030 58th St, Maywood, CA 90270	C
PIA-07216	4622 52nd Pl, Maywood, CA 90270	C
RP0044	3534 6th St, LA, CA 90023	C
RP0991	706 Ditman Ave, LA, CA 90023	C
RP0417	4473 Triggs St, Commerce, CA 90040	C
RP2149	3726 Hubbard St, LA, CA 90023	C
B0167	4420 Tuttle St, Commerce, CA 90040	C
PIA-05524	1128 Marietta St, LA, CA 90023	C
PIA-04620	3453 Garnet St, LA, CA 90023	C
B0250	3936 Eagle St, LA, CA 90063	C
B0677	1058 Eastman Ave, LA, CA 90023	C
E09673	4475 Lovett St, LA, CA 90023	C
D0452	4624 52nd Pl, Maywood, CA 90270	C
RP1849	963 Bernal Ave, LA, CA 90023	C
PIA-02969	3415 Atlantic St, LA, CA 90023	C
E03771	1322 Marianna Ave, Commerce, CA 90040	C
D0020	3808 57th St, Maywood, CA 90270	C
PIA-01097	1527 McBride Ave, Commerce, CA 90040	C
PIA-05237	3564 Lanfranco St, LA, CA 90063	C

Note:

Y = Yuma  
C = Chiquita

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
B0563	3934 Eagle St, LA, CA 90063	C
PIA-02553	3557 6th St, LA, CA 90023	C
PIA-09696	6144 Woodward Ave, Maywood, CA	C
E03943	1319 Downey Rd, LA, CA 90023	C
PIA-00873	5037 Gafford St, Commerce, CA 90040	C
PIA-02738	3759 7th St, LA, CA 90023	C
B0546	3725 6th St, LA, CA 90023	C
PIA-05743	1161 Mirasol St, LA, CA 90023	C
A0020	950 Concord St, LA, CA 90023	C
RP2426	4322 Verona St, LA, CA 90023	C
RP1752A	4474 Lovett St, Commerce, CA 90040	C
B0020	4167 Hubbard St, LA, CA 90023	C
D0391	3737 52nd St, Maywood, CA 90270	C
D1208	6052 Vinevale Ave, Maywood, CA 90270	C
PIA-08770	4342 58th St, Maywood, CA 90270	C
PIA-03187	817 Bonnie Beach Pl, LA, CA 90023	C
PIA-08080	4216 55th St, Maywood, CA 90270	C
RP0097	967 Bernal Ave, LA, CA 90023	C
PIA-06360	601 Rowan Ave, LA, CA 90023	C
RP0715	1254 Arizona Ave, LA, CA 90022	C
PIA-09706	1236 Gage Ave, LA, CA 90023	C
RP2316	3468 Lee St, LA, CA 90023	C
PIA-04552	1248 Gage Ave, LA, CA 90023	C
RP0187	3338 Estrada St, LA, CA 90023	C
RP2672	1115 Euclid Ave, LA, CA 90023	C
D0195	6024 Prospect Ave, Maywood 90270	C
RP0610	1251 McBride Ave, LA, CA 90023	C
B0142	730 Herbert Ave, LA, CA 90023	C
PIA-05339	3702 Lee St, LA 90023	C
PIA-05223	3532 Lanfranco St, LA, CA 90063	C
PIA-05071	1051 Indiana St, LA, CA 90023	C
E09614	1251 Bonnie Beach Pl, LA, CA 90023	C
RP1049	1121 Fresno St, LA, CA 90023	C
RP0928	809 Ditman Ave, LA, CA 90023	C
PIA-03561	1034 Dacotah St, LA, CA 90023	C
PIA-00910	2334 Hepworth Ave, Commerce, CA 90040	C
B0635	1333 Downey Rd, LA, CA 90023	C
PIA-06331	1164 Rosalind Ave, LA, CA 90023	C
RP1961B	4470 Lovett St, Commerce, CA 90040	C
RP2616B	5023 Kinsie St, Commerce, CA 90040	C
B0648	3644 5th St, LA, CA 90023	C
PIA-05416	1057 Los Palos St, LA, CA 90023	C
RP2296	1136 Orme Ave, LA, CA 90023	C
PIA-03560	1030 Dacotah St, LA, CA 90023	C
RP0759	3519 Sabina St, LA 90023	C
PIA-00677	2315 Connor Ave, Commerce, CA 90040	C
RP0790	1149 Concord St, LA, CA 90023	C
E0255	5921 Loma Vista Ave, Huntington Park, CA 90255	C
RP2444A	4456 Tuttle St, Commerce, CA 90040	C
RP0366	3718 Siskiyou St, LA, CA 90023	C
RP1458	1054 Los Palos St, LA, CA 90023	C
RP2074	3310 8th St, LA, CA 90023	C
RP2677	4072 Verona St, LA, CA 90023	C
PIA-06579	635 Spence St, LA, CA 90023	C
RP0369	1059 Los Palos St, LA, CA 90023	C

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
RP0701	1315 Arizona Ave, LA, CA 90022	C
RP0923	3778 Hubbard St, LA, CA 90023	C
PIA-00971	4923 Kinsie St, Commerce, CA 90040	C
RP2842	1132 Burger Ave, LA, CA 90022	C
E0580	3529 Randolph St, Huntington Park, CA 90255	C
PIA-02966	3046 Atlantic St, LA, CA 90023	C
PIA-00499	5032 Gafford St, Commerce, CA 90040	C
RP0057	3722 Siskiyou St, LA, CA 90023	C
RP0981	3918 Hubbard St, LA, CA 90023	C
PIA-01031	4924 Leonis St, Commerce, CA 90040	C
RP2212A	1053 Rowan Ave, LA, CA 90023	C
RP0977	820 Townsend Ave, LA, CA 90023	C
RP0107	1047 Grande Vista Ave, LA, CA 90023	C
PIA-00876	5044 Gafford St, Commerce, CA 90040	C
RP3101	952 Lorena St, LA, CA 90023	C
RP0262	1414 Duncan Ave, Commerce, CA 90040	C
RP0564	1134 Burger Ave, LA, CA 90022	C
E05427	5412 Loma Vista Ave, Maywood, CA 90270	C
PIA-04670	1016 Grande Vista Ave, LA, CA 90023	C
ENA-67	930 Eastman Ave, LA, CA 90023	C
RP0393	3417 Opal St, LA, CA 90023	C
PIA-06335	443 Rowan Ave, LA, CA 90063	C
B0097	4006 Princeton St, LA, CA 90023	C
PIA-06118	3916 Princeton St, LA, CA 90023	C
RP0387B	3333 Opal St, LA, CA 90023	C
RP0203	1148 Calada St, LA, CA 90023	C
RP1367	1004 Herbert Ave, LA, CA 90023	C
B0681	1008 Ditman Ave, LA, CA 90023	C
RP3077B	939 Calzona St, LA, CA 90023	C
RP0269	1528 McBride Ave, Commerce, CA 90040	C
RP1088	927 Calzona St, LA, CA 90023	C
RP1491	1117 Euclid Ave, LA, CA 90023	C
PIA-04662	956 Grande Vista Ave, LA, CA 90023	C
B0042	1139 Marianna Ave, LA, CA 90023	C
D0508	4610 53rd St, Maywood 90270	C
E0990	4113 60th St, Huntington Park, CA 90255	C
PIA-05432	1121 Los Palos St, LA, CA 90023	C
RP0399	1151 Calada St, LA, CA 90023	C
RP0031	3623 6th St, LA, CA 90023	C
B0607	414 Bonnie Beach Pl, LA, CA 90063	C
RP0670	944 McDonnell Ave, LA, CA 90022	C
A0002	3566 5th St, LA, CA 90023	C
B0437	4035 Hubbard St, LA, CA 90023	C
E0634	6315 Bear Ave, Bell, CA 90255	C
D0232	6146 Woodward Ave, Maywood, CA 90270	C
PIA-05424	1106 Los Palos St, LA, CA 90023	C
RP3105	3924 Eagle St, LA, CA 90063	C
D1252	3809 57th St, Maywood, CA 90270	C
RP1265	4710 52nd Pl, Maywood, CA 90270	C
RP2140	4026 Princeton St, LA, CA 90023	C
RP1387	1262 Sunol Dr, LA, CA 90023	C
PIA-05286	3728 Lanfranco St, LA, CA 90023	C
RP1980A	1030 McDonnell Ave, LA, CA 90023	C
RP1839	1313 Ferris Ave, LA, CA 90022	C
PIA-03526	1014 Concord St, LA, CA 90023	C

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
RP0499	1333 Fraser Ave, LA, CA 90022	C
E0592	6332 Carmelita Ave, Bell, CA 90255	C
RP0201	1131 Calzona St, LA, CA 90023	C
RP0206	1122 Calada St, LA, CA 90023	C
E06223	4205 55th St, Maywood, CA 90270	C
PIA-04088	823 Eastman Ave, LA, CA 90023	C
RP2486	1108 Evergreen Ave, LA, CA 90023	C
RP0944	1049 Ditman Ave, LA, CA 90023	C
PIA-06792	1047 Townsend Ave, LA, CA 90023	C
PIA-00946	4927 Jillson St, Commerce 90040	C
RP0847	3848 5th St, LA, CA 90063	C
D0229	6150 Woodward Ave, Maywood, CA 90270	C
PIA-02556	3562 6th St, LA, CA 90023	C
PIA-03506	941 Concord St, LA, CA 90023	C
RP0505	1322 Fraser Ave, LA, CA 90022	C
RP0553	946 Burger Ave, LA, CA 90022	C
PIA-05966	3532 Percy St, LA, CA 90023	C
RP2412	4071 6th St, LA, CA 90023	C
RP0194	1124 Los Palos St, LA, CA 90023	C
RP0052	725 Esperanza St, LA, CA 90023	C
PIA-03594	1133 Dacotah St, LA, CA 90023	C
RP3144	1457 Sunol Dr, LA, CA 90023	C
RP3093	1254 Sunol Dr, LA, CA 90023	C
RP1092	1121 La Puerta Ave, LA, CA 90023	C
D0509	4624 53rd St, Maywood, CA 90270	C
RP2238	4444 Triggs St, LA, CA 90040	C
PIA-04077	800 Eastman Ave, LA, CA 90023	C
A0012	3715 Lee St, LA, CA 90023	C
E03899	4441 Triggs St, LA, CA 90040	C
ESA-58	3742 61st St, Huntington Park, CA 90255	C
RP0023	1148 Orme Ave, LA, CA 90023	C
D1016	4439 55th St, Maywood, CA 90270	C
RP0342	1151 Marietta St, LA, CA 90023	C
RP2290	2319 Ransom St, Commerce, CA 90040	C
E05358	3709 55th St, Maywood, CA 90270	C
PIA-05934	1161 Orme Ave, LA, CA 90023	C
D0588	3558 56th St, Maywood, CA 90270	C
B0093	649 Rowan Ave, LA, CA 90023	C
PIA-08247	4009 56th St, Maywood, CA 90270	C
RP0773AB	940 Spence St, LA, CA 90023	C
RP1742B	1136 Record Ave, LA, CA 90023	C
ENA-31	1039 Eastman Ave, LA, CA 90023	C
PIA-03242	1232 Bonnie Beach Pl, LA, CA 90023	C
RP0614	1279 McBride Ave, LA, CA 90022	C
PIA-04598	3345 Garnet St, LA, CA 90023	C
E04020	4437 Dunham St, LA, CA 90023	C
E0722	3519 Randolph Pl, Huntington Park, CA 90255	C
RP0008	1141 Rosalind Ave, LA, CA 90023	C
PIA-08769	4339 58th St, Maywood, CA 90270	C
PIA-03572	1107 Dacotah St, LA, CA 90023	C
PIA-07530	3754 53rd St, Maywood, CA 90270	C
E05806	3565 55th St, Maywood, CA 90270	C
RP0606B	1221 McBride Ave, LA, CA 90022	C
PIA-04636	3535 Garnet St, LA, CA 90023	C
RP3053	2155 Cowlin Ave, Commerce, CA 90040	C
PIA-05247	1112 Los Palos St, LA, CA 90023	C

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
RP0445	1444 McBride Ave, Commerce, CA 90040	C
D1179	4105 55th St, Maywood, CA 90270	C
PIA-09233	5504 Gifford Ave, Maywood, CA 90270	C
RP1112	3700 Princeton St, LA, CA 90023	C
PIA-09588*	4743 Slauson Ave, Maywood, CA 90270	C
D0115	4350 56th St, Maywood, CA 90270	C
RP2390	1068 Calzona St, LA, CA 90023	C
E06205	3814 54th St, Maywood, CA 90270	C
RP2357C	3750 6th St, LA, CA 90023	C
PIA-05429	1116 Los Palos St, LA, CA 90023	C
RP0006	1163 Rosalind Ave, LA, CA 90023	C
RP2317A	3412 Lee St, LA, CA 90023	C
RP2546A	3732 Lanfranco St, LA, CA 90023	C
B0499	955 Brannick Ave, LA, CA 90023	C
PIA-02569	3631 6th St, LA, CA 90023	C
E05616	3655 54th St, Maywood, CA 90270	C
RP2424B	4334 Verona St, LA, CA 90023	C
PIA-04777	1055 Herbert Ave, LA, CA 90023	C
E0462	6300 Corona Ave, Bell, CA 90201	C
PIA-09207	5616 Fishburn Ave, Maywood, CA 90270	C
PIA-04628	3517 Garnet St, LA, CA 90023	C
RP0577A	943 Duncan Ave, LA, CA 90022	C
D0326	6033 Mayflower Ave, Maywood, CA 90270	C
RP0227	1146 Esperanza St, LA, CA 90023	C
RP1861A	3317 Opal St, LA, CA 90023	C
PIA-05448	1222 Los Palos St, LA, CA 90023	C
B0209	3821 5th St, LA, CA 90023	C
RP3137	3402 Opal St, LA, CA 90023	C
RP2737	1122 Burger Ave, LA, CA 90022	C
RP0677A	1024 McDonnell Ave, LA, CA 90022	C
PIA-08073	4200 55th St, Maywood, CA 90270	C
RP0983	718 Ditman Ave, LA, CA 90023	C
E0083	3927 Randolph St, Huntington Park, CA 90255	C
RP0026	1124 Mott St, LA, CA 90023	C
RP2304	3416 Percy St, LA, CA 90023	C
B0531	1154 Herbert Ave, LA, CA 90023	C
PIA-04610	3431 Garnet St, LA, CA 90023	C
RP1736A	1013 Herbert Ave, LA, CA 90023	C
PIA-03225	1040 Bonnie Beach Pl, LA, CA 90023	C
PIA-07897	4345 54th St, Maywood, CA 90270	C
D0438	3810 56th St, Maywood, CA 90270	C
RP2403	3436 Estrada St, LA, CA 90023	C
PIA-08029	3906 55th St, Maywood, CA 90270	C
RP1750	1265 Augusta Ave, LA, CA 90023	C
E05397	3703 54th St, Maywood, CA 90270	C
PIA-04603	3413 Garnet St, LA, CA 90023	C
D0259	6100 Prospect Ave, Maywood, CA 90270	C
D0719	4449 54th St, Maywood, CA 90270	C
PIA-08468	3800 57th St, Maywood, CA 90270	C
PIA-07520	3734 53rd St, Maywood, CA 90270	C
RP2389	1059 Prado St, LA, CA 90023	C
RP0667	964 McDonnell Ave, LA, CA 90022	C
D0463	4548 57th St, Maywood, CA 90270	C
S0001	4803 58th St, Maywood, CA 90270	C
RP3133	3422 8th St, LA, CA 90023	C
D0145	4824 59th Pl, Maywood, CA 90270	C

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
RP0672	932 McDonnell Ave, LA, CA 90022	C
PIA-04568	3221 Garnet St, LA, CA 90023	C
RP0989	3947 Percy St, LA, CA 90023	C
E06144	4118 53rd St, Maywood, CA 90270	C
RP1691	1120 McDonnell Ave, LA, CA 90022	C
RP0639	1228 McBride Ave, LA, CA 90022	C
PIA-06143	4010 Princeton St, LA, CA 90023	C
D0423	4215 56th St, Maywood, CA 90270	C
RP2170B	1140 Ditman Ave, LA, CA 90023	C
PIA-07009	4318 Verona St, LA, CA 90023	C
RP1382	1221 Sunol Dr, LA CA 90023	C
PIA-04681	1105 Grande Vista Ave, LA, CA 90023	C
SCH-03	4422 60th St, Maywood, CA 90270	C
B0135	1075 Herbert Ave, LA, CA 90023	C
RP0769	3718 Lee St, LA, CA 90023	C
PIA-05737	1150 Mirasol St, LA, CA 90023	C
D0788	3903 54th St, Maywood, CA 90270	C
RP0296	5048 Gafford St, Commerce, CA 90040	C
PIA-04577	3242 Garnet St, LA, CA 90023	C
RP1683	4415 Lovett St, LA, CA 90040	C
RP1518	1342 La Verne Ave, LA, CA 90022	C
D0296	4555 59th Pl, Maywood, CA 90270	C
PIA-05897	3552 Opal St, LA, CA 90023	C
RP3004C	1063 Eastman Ave, LA, CA 90023	C
RP0955B	1052 Townsend Ave, LA, CA 90023	C
D0683	3908 56th St, Maywood, CA 90270	C
D0412	4045 56th St, Maywood, CA 90270	C
A0055	3525 Hunter St, LA, CA 90023	C
RP1667	514 Rowan Ave, LA, CA 90063	C
D0234	6147 King Ave, Maywood, CA 90270	C
RP0634	1243 McDonnell Ave, LA, CA 90022	C
RP1090	1130 La Puerta St, LA, CA 90023	C
RP1385	1250 Downey Rd, LA, CA 90023	C
RP1073	1139 Evergreen Ave, LA, CA 90023	C
PIA-04138	1251 Eastman Ave, LA, CA 90023	C
RP0009	1139 Rosalind Ave, LA, CA 90023	C
RP2445	4460 Tuttle St, Commerce, CA 90040	C
RP2684	729 Esperanza St, LA, CA 90023	C
D0054	4543 55th St, Maywood, CA 90270	C
PIA-06584	802 Spence St, LA, CA 90023	C
RP2525B	1101 Spence St, LA, CA 90023	C
D0541	3716 54th St, Maywood, CA 90270	C
RP2669B	1063 Rowan Ave, LA, CA 90023	C
RP1454	3755 7th St, LA, CA 90023	C
PIA-08637	3521 58th St, Maywood, CA 90270	C
RP0190B	1216 Concord St, LA, CA 90023	C
PIA-07940	3532 55th St, Maywood, CA 90270	C
PIA-06314	1130 Rosalind Ave, LA, CA 90023	C
RP1407	3863 Percy St, LA, CA 90023	C
E05354	3748 54th St, Maywood, CA 90270	C
D0749	4645 57th St, Maywood, CA 90270	C
PIA-02527	3974 5th St, LA, CA 90063	C
RP1230A	4047 58th St, Maywood, CA 90270	C
RP1406	3984 Princeton St, LA, CA 90023	C
PIA-05159	1126 La Puerta St, LA, CA 90023	C
PIA-04688	1123 Grande Vista Ave, LA, CA 90023	C

## Chiquita Canyon Landfill

Last Update: 4-19-21

Site ID	Address	Disposal (Y/C)
PIA-04688	1123 Grande Vista Ave, LA, CA 90023	C
D1169	4031 53rd St, Maywood, CA 90270	C
D0302	4309 56th St, Maywood, CA 90270	C
D0913	4539 53rd St, Maywood, CA 90270	C
E05401	3759 55th St, Maywood, CA 90270	C
RP0218	1111 Calada St, LA, CA 90023	C
D0011	5511 Everett Ave, Maywood, CA 90270	C
D1149	4014 55th St, Maywood, CA 90270	C
RP2824	4411 Lovett St, LA, CA 90040	C
PIA-08003	3732 55th St, Maywood, CA 90270	C
PIA-04235	3456 Estrada St, LA, CA 90023	C
RP2463	4442 Triggs St, LA, CA 90040	C
PIA-07648	4417 53rd St, Maywood, CA 90270	C
RP1404	3451 Estrada St, LA, CA 90023	C
B0562	3924 6th St, LA, CA 90023	C
B0103	3990 6th St, LA, CA 90023	C
S0011	1016 Fresno St, LA 90023	C
D0395	4515 58th St, Maywood, CA 90270	C
D0906	5201 Mayflower Ave, Maywood, CA 90270	C
PIA-08711	3914 58th St, Maywood, CA 90270	C
RP2310A	3513 Percy St, LA, CA 90023	C
RP2266	1304 Arizona Ave, LA, CA 90022	C
RP0589	942 Duncan Ave, LA, CA 90022	C
RP0407	1119 Mirasol St, LA, CA 90023	C
RP0422	1451 Sydney Dr, Commerce, CA 90040	C
B0597	935 Record Ave, LA, 90023	C
D0485	4529 56th St, Maywood, CA 90270	C
PIA-05444	1155 Los Palos St, LA, CA 90023	C
B0143	724 Herbert Ave, LA, CA 90023	C
D0968	4411 56th St, Maywood, CA 90270	C
E05825	3541 55th St, Maywood, CA 90270	C
E0225	6311 Otis Ave, Bell, CA 90201	C
RP1619	1234 Hicks Ave, LA, CA 90023	C
RP2040B	3462 Sabina St, LA, CA 90023	C
E0232	6201 Gifford Ave, Bell, CA 90201	C
RP2349	953 Brannick Ave, LA, CA 90023	C
D0746	5613 Mayflower Ave, Maywood, CA 90270	C
RP0222	1123 Mirasol St, LA, CA 90023	C
PIA-09085	5405 Carmelita Ave, Maywood, CA 90270	C
RP1558A	1016 McDonnell Ave, LA, CA 90022	C
RP1269	4731 56th St, Maywood, CA 90270	C
E0396	5923 Corona Ave, Huntington Park, CA 90255	C
ESA-48	4206 52nd St, Maywood, CA 90270	C
E0503	3723 Randolph St, Huntington Park, CA 90255	C
PIA-08528	4307 57th St, Maywood, CA 90270	C
A0007	1165 Marietta St, LA, CA 90023	C
D0969	4404 56th St, Maywood, CA 90270	C
D0506	4534 53rd St, Maywood, CA 90270	C
RP0230	1134 Esperanza St, LA, CA 90023	C
RP1221B	3804 55th St, Maywood, CA 90270	C
PIA-02994	3571 Atlantic St, LA, CA 90023	C
PIA-08427	3563 57th St, Maywood, CA 90270	C
E06254	3909 55th St, Maywood, CA 90270	C

## **Attachment M – Air Monitoring Data**

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**Summary of Air, Noise, and Wind Data**

<b>Site ID:</b>	PIA-05444
<b>address</b>	1155 Los Palos Street, Los Angeles, CA 90023
<b>Date:</b>	3/16/2021
<b>Field Monitor:</b>	S.D

DATE MM/DD/YYYY	TIME hh:mm	CONCENTRATION (mg/m <sup>3</sup> )			WIND DIRECTION
		UPWIND	DOWNWIND	DOWNWIND DELTA	
3/16/2021	8:15	0.007	0.010	0.003	E
	9:15	0.007	0.011	0.004	E
	10:15	0.005	0.009	0.004	E
	11:15	No earth moving activities (Lunch)			ESE
	12:15	0.006	0.007	0.001	ESE
	13:15	0.006	0.016	0.010	ESE
	14:10	0.006	0.011	0.005	SE

Abbreviation:

mg/m<sup>3</sup> = milligrams per cubic meter

DATE MM/DD/YYYY	TIME hh:mm	NOISE DECIBELS	WIND SPEED
		dB	MPH
3/16/2021	8:15	46.8	0.4
	9:15	50.6	0.1
	10:15	52.7	0
	11:15	51.9	0.3
	12:15	50.5	0.5
	13:15	52.2	0.1
	14:10	51.4	0.3

Abbreviation:

dB = decibels

MPH = miles per hour