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CLOSURE REPORT

SOUND BATTERY PROPERTY
2310 EAST 11th STREET
TACOMA, WASHINGTON
VOLUNTARY CLEANUP PROGRAM NO. SW1208

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July 27, 2015

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ACRONYMS AND ABBREVIATIONS

ARARs	applicable or relevant and appropriate requirements
bgs	below ground surface
CAP	*Cleanup Action Plan, Sound Battery Property, 2310 East 11th Street, Tacoma, Washington* dated July 24, 2014, prepared by Farallon Consulting, L.L.C. (Farallon)
CFR	Code of Federal Regulations
COC	constituent of concern
Ecology	Washington State Department of Ecology
EnCo	EnCo Environmental Corporation
Farallon	Farallon Consulting, L.L.C.
FFS	Focused Feasibility Study
mg/kg	milligrams per kilogram
µg/l	micrograms per liter
MTCA	Washington State Model Toxics Control Act Cleanup Regulation
NFA	No Further Action
PQL	practical quantitation limit
RCW	Revised Code of Washington
RI	Remedial Investigation
Saybr	Saybr Contractors, Inc.
Site	areas of the property at 2310 East 11th Street in Tacoma, Washington, and adjacent areas, where concentrations of lead exceeding the cleanup levels defined in the Washington State Model Toxics Control Act Cleanup Regulation have come to be located
Sound Battery	Sound Battery Company
TEE	Terrestrial Ecological Evaluation
VCP	Voluntary Cleanup Program
WAC	Washington Administrative Code
XRF	x-ray fluorescence

1.0 INTRODUCTION

Farallon Consulting, L.L.C. (Farallon) has prepared this Closure Report for the Sound Battery Company (Sound Battery) to document the permanent cleanup action completed for the area that includes the property at 2310 East 11th Street in Tacoma, Washington and adjacent areas (herein referred to as the Site) (Figure 1). The Site is defined as the areas where concentrations of lead exceeding the cleanup levels defined in the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), as established in Chapter 173-340 of the Washington Administrative Code (WAC 173-340), have come to be located. The cleanup action has met the requirements under MTCA for a No Further Action (NFA) determination. Farallon requests that the Washington State Department of Ecology (Ecology) issue an NFA determination for the Site.

The cleanup action was conducted as an independent remedial action under the Ecology Voluntary Cleanup Program (VCP) in accordance with the requirements of MTCA, and meets the substantive requirements of an Ecology-conducted or -supervised remedial action for the Site. The Site is enrolled in the VCP program and has been assigned VCP Site Identification No. SW1208.

Soil with concentrations of lead exceeding MTCA Method A cleanup levels was excavated from the area surrounding the building footprint in 2002 under terms of Agreed Order No. DE 01TCPSR-3130 entered into by Sound Battery and Ecology, and Enforcement Order No. DE97TC-S137. According to the Cleanup Site Details report obtained from the Ecology (2015) Toxics Cleanup Program website, the Site was removed from the Hazardous Sites List, and the Site status was updated to "NFA" on May 21, 2003.

Lead was detected at concentrations exceeding MTCA Method A cleanup levels for industrial land in soil and in one of two reconnaissance groundwater samples collected from localized areas beneath and near-adjacent to the building footprint in 2011 (EnCo Environmental Corporation [EnCo] 2011). According to the Ecology (2015) Cleanup Site Details report, Ecology re-opened the Site on February 21, 2012, and the Site was enrolled in the VCP.

The Remedial Investigation (RI)/Focused Feasibility Study (FFS) Report prepared by Farallon (2013) and the Cleanup Action Plan prepared by Farallon (2014) (CAP) detailed the selected cleanup alternative. The RI/FFS Report and the CAP were submitted to Ecology under the VCP in 2014 for review.

The cleanup action described in this Closure Report was completed in February 2015 and included permitted demolition of the building and removal of sections of the floor slab, and excavation and off-Site disposal of approximately 277 tons of soil with concentrations of lead exceeding the MTCA Method A cleanup level for industrial land use. The laboratory analytical results for confirmation soil samples collected from the bottom and sidewalls of the final cleanup action excavation limits and from locations sampled prior to the final cleanup action confirm that soil with concentrations of lead exceeding the MTCA Method A cleanup level for industrial land use has been excavated and removed from the Site. Remedial activities completed at the Site,

including excavation of contaminated soil, provide a permanent cleanup action that meets the threshold requirements of WAC 173-340-360, including protection of human health and the environment and compliance with cleanup standards and applicable state and federal laws; and provided for compliance monitoring.

2.0 ORGANIZATION

This Closure Report has been organized as follows:

- **Section 3** includes a description the Site, a summary of local geology and hydrogeology, a summary of previous environmental investigations and a prior cleanup action, and a summary of confirmed source areas.
- **Section 4** identifies the cleanup action technical elements, including the medium and constituent of concern; the nature and extent of affected soil; the basis for exclusion from a terrestrial ecological evaluation (TEE); the cleanup standards, which include the cleanup level and point of compliance; and the applicable or relevant and appropriate requirements (ARARs) and permits.
- **Section 5** describes the cleanup action, including the objective, technical approach, and cleanup action field activities.
- **Section 6** provides a summary of the results from the cleanup action compliance monitoring, and describes the transport and off-Site disposal of contaminated soil.
- **Section 7** provides Farallon's conclusions and a request for an NFA determination for the Site.
- **Section 8** provides a list of the documents used in preparing this Closure Report.
- **Section 9** provides Farallon's standard limitations.

3.0 SITE DESCRIPTION AND BACKGROUND

The following sections include a description of the Site and local geology and hydrogeology, a summary of previous environmental investigations and a prior cleanup action, and a description of confirmed source areas.

3.1 SITE DESCRIPTION

The Site is zoned as part of the Port Maritime and Industrial District defined in the Tacoma Municipal Code and is located in the industrial Port of Tacoma area of the former Commencement Bay tide flats of the City of Tacoma on Puget Sound (Figure 1). The tide flats area was filled beginning in the early 1900s, and currently is used for a range of industrial and commercial purposes. The topography at the Site and near-vicinity is flat, with a slope down of less than 1 percent toward the northwest, and an approximate elevation of 7 feet above mean sea level.

The Site was developed with a combined one- and two-story masonry building containing approximately 6,125 square feet of interior space, with a roofed exterior area at the southeastern end of the building that contained approximately 1,225 square feet, and paved and graveled parking areas. Sound Battery reportedly occupied the building in 1947 for the manufacture of batteries. The building was expanded in two additions as indicated on Figure 2.

Approximately 1,000 square feet of exterior asphalt pavement surrounded the building, for a total of approximately 7,000 square feet of impervious surface. The area behind and southeast of the building and portions of both side yards were unpaved. The building was demolished as part of the 2015 cleanup action to enable sufficient access to excavate contaminated soil. The former building and paved and unpaved areas are shown on Figure 2.

3.2 GEOLOGY AND HYDROGEOLOGY

Land forms within this region compose a system of glacially and fluvially sculpted features. The last glacial event occurred approximately 10,000 to 14,000 years ago, when the terminus of the Vashon Stade began to retreat from as far south as the Olympia area, leaving behind a range of glacial and alluvial recessional outwash features. The mapped soil consists of recent sand, silt, and gravel deposited in stream channels, on flood plains, and on terraces.

Soil observed in borings advanced at the Site by Farallon (2013) consisted of sand with varying silt and gravel content to approximately 10 feet below ground surface (bgs), underlain by sand and silt to the maximum depth investigated of approximately 14 feet bgs. Groundwater was encountered between approximately 6.5 and 7 feet bgs. The groundwater flow direction has been estimated based on measured groundwater elevations in four monitoring wells to be toward the northwest and Commencement Bay (Farallon 2013).

3.3 PREVIOUS INVESTIGATIONS AND CLEANUP ACTION

Several soil and groundwater investigations were conducted at the Site between 1991 and 2011 to evaluate environmental conditions and characterize the nature and extent of lead in soil and groundwater outside and inside the building footprint. A soil cleanup action was conducted outside the building in 2002. Environmental investigations and prior cleanup work are summarized below.

A cleanup action was conducted by GeoSystems Analysis, Inc. (2002) in 2002 that included excavation of 880 tons of soil containing lead at concentrations exceeding the 250 milligrams per kilogram (mg/kg) MTCA Method A cleanup level for unrestricted land use from around the building and from adjacent areas of the surrounding three land parcels, at a minimum depth of 1.5 feet bgs to a depth of 5.5 feet bgs in some areas (Figure 2). The excavated soil was treated on the Site with a chemical-stabilizing agent and disposed of at the Resource Conservation and Recovery Act-permitted Subtitle D Pierce County Recycling, Composting, and Disposal Landfill operated by Land Recovery, Inc. The excavations were backfilled with imported gravel, and were compacted and graded to pre-excavation topography. Dissolved or total lead was not detected at concentrations exceeding the laboratory reporting limit of 1 microgram per liter (µg/l) in any of the groundwater samples collected from the four monitoring wells during post-excavation groundwater monitoring (GeoSystems Analysis, Inc. 2002).

According to the Cleanup Site Details report, the Site was removed from the Hazardous Sites List in 2003, and the Site status was updated to "NFA" (Ecology 2015).

Lead was detected at concentrations exceeding the 1,000 mg/kg MTCA Method A cleanup level for industrial land use in soil samples collected (EnCo 2011). Dissolved lead was detected at a concentration exceeding the 15 µg/l MTCA Method A cleanup level in one of two reconnaissance groundwater samples collected from beneath the building but not in groundwater samples collected from the four monitoring wells (EnCo 2011). The results from the EnCo (2011) investigation are summarized in the CAP. According to the Cleanup Site Details report, a Site Discovery/Release Report was received in 2012, and Ecology (2015) re-opened the Site on February 21, 2012 and received a VCP application for the Site on February 24, 2012.

An RI/FFS Report was prepared in accordance with WAC 173-340-350 to collect, develop, and evaluate sufficient subsurface information to select a cleanup action under WAC 173-340-360 through 173-340-390 (Farallon 2013). The analytical results from the RI are summarized in Table 1 and shown on Figure 3.

Lead was detected at concentrations exceeding the MTCA Method A cleanup level for industrial land use in soil samples collected beneath the building to a depth of 6.5 feet bgs, the approximate depth of groundwater. Arsenic, cadmium, chromium, copper, mercury, or zinc were not detected at concentrations exceeding MTCA cleanup levels in soil samples collected.

Groundwater was measured at depths ranging from approximately 6.5 to 7 feet bgs in the seven drilling locations where groundwater was encountered (Farallon 2013). Dissolved lead was detected at concentrations slightly exceeding the MTCA Method A cleanup level in one of two reconnaissance groundwater samples collected by EnCo (2011) from monitoring wells temporarily installed near the outlet end of the abandoned concrete-filled floor drain. Total lead was detected at concentrations exceeding the MTCA Method A cleanup level in both reconnaissance groundwater samples collected by EnCo.

Lead has not been detected at a concentration exceeding the MTCA Method A cleanup level in groundwater samples collected from the four monitoring wells since 1997 (Farallon 2013). Neither total nor dissolved lead was detected at a concentration exceeding the laboratory practical quantification limits (PQLs) in any other groundwater sample collected from the four monitoring wells during the groundwater monitoring event conducted in August 2012 (Farallon 2013).

The RI included analysis of the groundwater samples collected from the four monitoring wells for dissolved concentrations of arsenic, cadmium, chromium, copper, mercury, and zinc. Dissolved arsenic was the only metal detected at a concentration exceeding the laboratory PQL, and was detected only in up-gradient monitoring well MW-2 at a concentration less than the MTCA Method A cleanup level.

The nature and extent of lead in soil and groundwater was delineated by the RI to support evaluation and selection of a cleanup action in the FFS. Technically feasible cleanup alternatives were identified, developed, and evaluated during the FFS to enable selection of a preferred cleanup action in accordance with WAC 173-340-360. Based on the results from the EnCo (2011) investigation and the RI, Farallon (2013) estimated that approximately 350 tons of soil with concentrations of lead exceeding the MTCA Method A cleanup level for industrial land use remained in two areas beneath the building and two small areas outside the northeastern wall of the building.

Technically feasible cleanup alternatives for Site cleanup evaluated in the FFS included: 1) excavation, off-Site stabilization, and off-Site disposal; 2) excavation, on-Site stabilization, and off-Site disposal; and 3) institutional and engineering controls. Cleanup Alternatives 1 and 2 included demolition of the building and appropriate disposal of demolition debris.

All three of the cleanup alternatives were evaluated as part of the FFS in accordance with the requirements of WAC 173-340-350 and the criteria defined in WAC 173-340-360. The FFS included an evaluation of cleanup alternatives to satisfy the following threshold requirements, as specified in WAC 173-340-360(2)(a):

- Protection of human health and the environment;
- Compliance with cleanup standards;
- Compliance with applicable state and federal laws; and

- Provision for compliance monitoring.

The cleanup alternatives were evaluated for other requirements, defined in WAC 173-340-360(2)(b), which included:

- Use of permanent solutions to the maximum extent practicable, including protectiveness, permanence, effectiveness over the long term, management of short-term risks, technical and administrative implementability, consideration of public concerns, and cost; and
- Provision for a reasonable restoration time frame.

Based on the results from the FFS, Cleanup Alternative 2—Excavation, On-Site Stabilization, and Off-Site Disposal was selected as the preferred cleanup alternative for the Site. The FFS evaluation showed that Cleanup Alternative 1—Excavation, Off-Site Stabilization, and Off-Site Disposal provided the same degree of environmental benefit as Cleanup Alternative 2, and was a cost-effective and permanent technically feasible cleanup alternative. The FFS selected Cleanup Alternative 2 as the preferred cleanup alternative based on its cost, which was estimated to be less than the cost for implementing Cleanup Alternative 1. However, following completion of the RI/FFS Report, a less-expensive off-Site stabilization option was identified. Therefore, Cleanup Alternative 1—Excavation, Off-Site Stabilization, and Off-Site Disposal became the selected cleanup alternative for the Site.

3.4 CONFIRMED SOURCE AREAS

Lead at concentrations exceeding cleanup levels in shallow soil likely is the result of releases from routine business operations, including battery manufacturing and battery and component storage. The area where concentrations of lead exceeding cleanup levels were detected in deeper soil appeared to be related to a release(s) from the abandoned concrete-filled floor drain beneath the southeast-central portion of the building (Figure 2).

4.0 CLEANUP ACTION TECHNICAL ELEMENTS

The technical elements of the cleanup action provided in the CAP are presented in this section, including identification of the medium and constituent of concern (COC), the nature and extent of affected soil, determination of need for a TEE, cleanup standards, and ARARs and permits.

4.1 MEDIUM AND CONSTITUENT OF CONCERN

Lead is the COC and soil is the medium of concern for the Site.

Groundwater is not a medium of concern. Total and/or dissolved lead were detected at concentrations exceeding MTCA Method A cleanup levels in turbid reconnaissance groundwater samples collected during the EnCo (2011) investigation. Total or dissolved lead have not been detected at concentrations exceeding laboratory PQLs in groundwater samples collected from monitoring wells MW-1 through MW-4 by Farallon (2013), with one exception. Total lead was detected at a concentration exceeding the laboratory reporting limit and less than the MTCA Method A cleanup level in one groundwater sample collected from monitoring well MW-1. These results are consistent with those from prior investigations, which showed that lead was not detected at concentrations exceeding the MTCA Method A cleanup level in groundwater samples collected from monitoring wells MW-1 through MW-4 (Farallon 2013).

4.2 NATURE AND EXTENT OF LEAD IN SOIL

According to the analytical results for soil samples collected by EnCo (2011) and Farallon (2013), lead was detected at concentrations exceeding the MTCA Method A cleanup level for industrial land use in soil shallower than about 2 feet bgs in three areas described in the RI/FFS Report, shown on Figure 4:

- Remediation Area A—beneath the second addition to the building and covered exterior;
- Remediation Area B—near the center of the first addition to the building; and
- Remediation Area C—outside the northeastern wall of the building.

Lead was detected at concentrations exceeding the MTCA Method A cleanup level for industrial land use in soil approximately 6.5 to 8.5 feet bgs at the approximate depth to groundwater in the areas proximate to the inlet and outlet to the abandoned concrete-filled floor drain.

4.3 TERRESTRIAL ECOLOGICAL EVALUATION

A TEE is required by WAC 173-340-7490 where a hazardous substance has been released to soil. The regulation requires that one of the following actions be taken:

- Documenting a TEE exclusion using the criteria presented in WAC 173-340-7491;
- Conducting a simplified TEE in accordance with WAC 173-340-7492; or

- Conducting a Site-specific TEE in accordance with WAC 173-340-7493.

Based on the criteria for TEE exclusion in WAC 173-340-7491(1)(c)(i), the Site is excluded from a TEE because fewer than 1.5 acres of contiguous undeveloped land are on the Site or within 500 feet of any area of the Site. Therefore, no further consideration of ecological impacts is required under MTCA. The TEE exclusion documentation was provided in the CAP.

4.4 CLEANUP STANDARDS

As defined in WAC 173-340-700, cleanup standards include establishing the cleanup level and the point of compliance for lead in soil at which the cleanup levels will be attained. The cleanup standards for the Site have been established in accordance with WAC 173-340-700 through 173-340-760 to be protective of human health and the environment, and to comply with the ARARs identified for the Site.

The cleanup level is the concentration of lead that protects human health and the environment under specific exposure scenarios. The Site meets the definition of an industrial property under WAC 173-340-200, as the Site and vicinity are zoned by the City of Tacoma as industrial (Port Maritime and Industrial District). Therefore, the 1,000 mg/kg MTCA Method A soil cleanup level for industrial land use, protective of a general industrial land use human direct contact exposure pathway, is the cleanup level for lead in soil.

The point of compliance defines the point where cleanup levels must be attained. Once the cleanup levels have been attained at the defined point of compliance, the Site is no longer considered to be a threat to human health or the environment. Per WAC 173-340-740(6)(b), the point of compliance for the Site is soil throughout the Site.

4.5 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS AND PERMITS

WAC 173-340-710 requires that cleanup actions comply with applicable local, state, and federal laws, defined by MTCA to include ARARs.

The following ARARs are considered applicable requirements that encompass the cleanup action framework, including applicable and relevant regulatory guidelines, cleanup standards, waste disposal criteria, and documentation standards:

- The Washington State Model Toxics Control Act, Chapter 70.105D of the Revised Code of Washington (RCW 70.105D);
- MTCA (WAC 173-340);
- Water Quality Standards for Groundwaters of the State of Washington (WAC 173-200);
- The Hazardous Waste Management Act (RCW 70.105);

- Washington State Solid Waste Management Laws and Regulations (RCW 70.95; WAC 173-304 and 173-351);
- Dangerous Waste Regulations (WAC 173-303);
- Accreditation of Environmental Laboratories (WAC 173-50);
- The Occupational Safety and Health Act (Part 1910 of Title 29 of the Code of Federal Regulations [29 CFR 1910] and WAC 296-62);
- The State Environmental Policy Act Checklist (RCW 43.21);
- Maximum Containment Levels, National Primary Drinking Water Regulations (WAC 246-290-310; 46 CFR 141);
- Safety Standards for Construction Work (WAC 296-155);
- Minimum Standards for Construction and Maintenance of Wells (WAC 173-160);
- National Primary and Secondary Air Quality Standards (40 CFR 50);
- Washington State General Requirements for Air Pollution Sources (WAC 173-400); and
- Local permits required by the City of Tacoma.

5.0 CLEANUP ACTION

This section presents the objective of the cleanup action and describes the cleanup action completed at the Site.

5.1 OBJECTIVE OF CLEANUP ACTION

The objective of the cleanup action was to remove soil with concentrations of lead exceeding MTCA Method A soil cleanup level for industrial land use in an efficient and cost-effective manner to the maximum extent practicable and in accordance with the ARARs to meet the requirements for a Site-specific NFA determination from Ecology. The cleanup action targeted areas that were not addressed by the 2002 cleanup action.

5.2 DESCRIPTION OF CLEANUP ACTION

Excavation, off-Site stabilization, and disposal of soil at a Subtitle D waste disposal facility was the selected cleanup approach to achieve a Site-specific NFA determination. This cleanup action was selected based on the FFS evaluation performed by Farallon (2013), and satisfies the threshold and other requirements, as specified in WAC 173-340-360(2)(a) and (b).

The sequence of work implemented for the selected cleanup action included:

- Obtaining necessary permits and approvals;
- Implementing erosion-control best management practices and security measures;
- Further characterizing building materials contained in the building, and mitigating and disposing of identified hazardous building materials;
- Demolishing the building and removing the concrete floor slab and asphaltic pavement in the excavation areas and disposing of demolition debris off the Site at appropriate disposal facilities;
- Excavating soil with concentrations of lead exceeding the cleanup level from Areas A, B, and C (Figure 4), transporting the soil off the Site to a permitted facility for stabilization to reduce the mobility of lead, and disposing of stabilized soil at a Subtitle D landfill; and
- Backfilling the excavation areas with clean imported fill.

5.3 CLEANUP ACTION ELEMENTS

This section describes the elements that were completed for the cleanup action. The cleanup action was described and presented in the CAP in a series of engineering drawings that contained notes and specifications for project preparation, erosion control, demolition, and excavation and backfilling.

5.3.1 Permitting and Site Preparation

The permits required by the City of Tacoma for clearing, grading, and building demolition were obtained by Farallon, remediation contractor Saybr Contractors Inc. of Tacoma, Washington (Saybr), and/or Saybr's demolition subcontractor Rhine Demolition, L.L.C. of Tacoma, Washington in advance of soil excavation. Copies of the Site grading/excavation permit, the demolition permit, and the Puget Sound Clean Air Agency notification of planned demolition are provided in Appendix A. Appendix A includes a City of Tacoma Inspection Report Card documenting compliance with City of Tacoma permitting requirements and City of Tacoma as-built information pertaining to the abandonment of the side sewer formerly servicing the Site.

The boundaries of the property at 2310 East 11th Street were surveyed and staked by a Washington-State licensed Land Surveyor. Underground utilities were located and marked by an underground utility locating contractor. Erosion control, security, and traffic control measures were implemented to meet Pierce County and City of Tacoma requirements.

5.3.2 Building Demolition and Pavement Removal

The building and other aboveground structures were demolished in February 2015 to enable excavation of lead-contaminated soil beneath the building. Following building demolition, Farallon manually surveyed and marked the boundaries of the proposed excavation areas on the ground surface. The excavation areas were referenced horizontally to benchmarks that were preserved during the demolition phase.

Concrete floor slab materials and/or asphalt pavement was removed from the targeted excavation areas with a backhoe excavator. Disposal of hazardous building materials, including asbestos-containing materials and lead-based paint, was required as part of the building demolition. Certain categories of demolition debris and pavement were segregated to allow for recycling and disposal in compliance with project permits.

5.3.3 Excavation

Following building demolition and removal of concrete and asphalt flooring and pavement in excavation areas, soil excavations were conducted using backhoe excavators in discrete areas A, B, and C identified in the CAP (Figure 4). Soil excavation activities were conducted on February 17, 18, 24, and 27, 2015. Farallon established a horizontal coordinate grid system at each excavation area to reference and document the excavation boundaries and the performance and confirmation soil sampling as described in the CAP. The horizontal and vertical limits of the actual excavation areas corresponded with the dimensions anticipated and described in the CAP, with minor exceptions. Figure 4 depicts the limits of the actual excavations conducted for the cleanup action and the coordinate grid system used to reference excavation and sample locations.

Groundwater was encountered at a depth of approximately 7.5 feet bgs in the area of the inlet of the abandoned concrete-filled floor drain. As planned based on confirmation sample analytical results, the excavation was terminated at the depth of groundwater at this location. Groundwater dewatering was not required during the cleanup action.

Excavated soil was temporarily stockpiled on a concrete-paved area of the Site and covered with plastic sheeting prior to being transported off the Site for disposal. Excavation areas were backfilled after receipt of analytical results for the confirmation samples confirming that cleanup standards had been achieved.

5.3.4 Backfilling

Site restoration consisted of backfilling the excavations with clean imported backfill materials consisting of:

- Self-compacting pea gravel in the deep excavations at both ends of the abandoned concrete-filled floor drain in Area A;
- A well-graded granular soil material suitable for standard construction use above the water table in Areas A, B, and C, compacted in lifts to meet acceptable compaction; and
- A final layer of crushed surfacing top course, compacted.

Following backfilling and stabilization of the excavation areas, requirements for erosion-control best management practices and security measures were lifted by the City of Tacoma Building Inspector.

5.3.5 Compliance Monitoring

Compliance monitoring was performed in accordance with WAC 173-340-140 and Appendix E of the CAP, and included the following:

- Performance monitoring during the cleanup action to evaluate whether the cleanup action had attained cleanup standards;
- Confirmation monitoring after the cleanup action excavations were completed to confirm that cleanup standards had been attained; and
- Protection monitoring to ensure that human health and the environment were protected during the construction phase of the cleanup action.

5.3.5.1 Performance Monitoring

Farallon conducted cleanup action performance monitoring by screening discrete soil samples collected from the excavation sidewall and floor using a hand-held x-ray florescence (XRF) analyzer, a portable monitoring device capable of quantifying lead concentrations in soil samples. XRF performance monitoring results were used to guide the excavation and assess whether lead remained in soil at concentrations exceeding the cleanup level as the excavations progressed.

Soil with lead detected at concentrations exceeding the cleanup level identified by the XRF screening and in discrete soil samples submitted for analytical testing was excavated and disposed of. Confirmation soil samples were collected from the limits of the

excavations once XRF screening results indicated that the cleanup standards had been met.

5.3.5.2 Confirmation Monitoring

Confirmation soil samples were collected after performance monitoring results indicated that the cleanup level had been attained at the limits of the excavations. Confirmation monitoring consisted of collecting discrete in-situ soil samples from the base and sidewalls at the final limits of the completed excavation areas and submitting for laboratory analysis.

If lead was detected at concentrations exceeding the cleanup level in the confirmation monitoring soil samples, additional excavation was conducted in the respective area(s), and the area(s) were re-sampled.

Once laboratory analytical results for the confirmation soil samples confirmed that lead concentrations in in-place soil were less than the cleanup level, the excavations were backfilled with imported material.

5.3.5.3 Protection Monitoring and Health and Safety

In compliance with requirements established in WAC 173-340-820, the Occupational Safety and Health Act of 1970, and the Washington Industrial Safety and Health Act (RCW 49.17), Site-specific Health and Safety Plans that included protection measures and monitoring (e.g., wetting soil for dust control, periodic observations for visible dust) to minimize potential short-term exposure during cleanup activities were prepared to protect field personnel during cleanup activities.

Workers performing excavation of potentially contaminated soil and entering the exclusion zone were 40-hour health and safety-trained as hazardous waste operators in accordance with 29 CFR 1910.120. Level C personal protective equipment was used by all workers within the exclusion zone during periods of active excavation.

Samples of airborne particulates were collected from the worker breathing zone and from the downwind Site boundary on two occasions during the cleanup action to evaluate and document potential worker and off-Site human receptor exposure to airborne lead. Samples of airborne particulates were collected on filters that trapped particulate matter from air pumped at a predetermined flow rate during the work day. Particulate matter captured on the filters was tested for total lead by an analytical laboratory.

6.0 CLEANUP ACTION RESULTS

Results from the cleanup action are presented below. Cleanup action objectives were achieved by attaining the cleanup level for lead in soil at the point of compliance for the Site.

6.1 PERFORMANCE SOIL SAMPLING

Cleanup action performance monitoring entailed a combination of XRF screening in the field and collection of discrete soil samples submitted for laboratory analytical testing for total lead using U.S. Environmental Protection Agency (EPA) Method 6010C to assess the progress and completeness of excavation. Figure 3 depicts the locations of the discrete performance soil samples. Analytical results from the discrete performance soil sampling are summarized in Table 1. Figure 3 and Table 1 also show results from soil sampling conducted during the RI; Figure 3 includes results from RI groundwater sampling.

6.2 CONFIRMATION SOIL SAMPLING

Confirmation soil samples consisted of discrete samples collected from excavation sidewalls and bottoms and tested at an analytical laboratory using EPA Method 6010C. If lead was detected at a concentration exceeding the cleanup level in the confirmation soil samples, the excavation was widened and/or deepened to remove additional soil represented by those analytical results. This process thereby reclassified those "failed" confirmation soil samples as performance samples. After the additional wider and/or deeper excavation was conducted, additional confirmation soil samples were collected and analyzed. A total of six "failed" confirmation soil samples are listed in Table 1 as performance samples. Soil represented by these six samples was excavated during the cleanup action.

A total of 31 confirmation soil samples were collected and submitted to the analytical laboratory. By definition, analytical results for the confirmation soil samples represent soil that remains in-place following the cleanup action. Figure 4 depicts the locations of the confirmation soil samples. Confirmation soil sample analytical results are summarized in Table 2. Concentrations of lead detected in all of the confirmation soil sample were less than the soil cleanup level.

Copies of the laboratory analytical reports for the confirmation soil samples are provided in Appendix B. Analytical results for confirmation samples collected in the individual excavation areas are discussed below.

6.2.1 Second Addition Excavation Area (Area A)

A total of 17 confirmation soil samples were collected from excavation sidewall and bottom soil within Area A (Figure 4). Area A was divided into six approximately 20- by 20-foot grid cells and four smaller grid cells. Two of the smaller cells encompass the inlet and outlet areas of the abandoned concrete-filled drain, discussed in the following section. Confirmation samples from the excavation grid cell bottom and sidewalls were submitted to an analytical laboratory for

analysis for total lead. Lead was detected at concentrations up to 470 mg/kg in confirmation soil samples collected in Area A. The highest concentration of total lead of 470 mg/kg was detected in a soil sample collected from the southeastern sidewall of the excavation in grid area AA1. The completed depths of excavation in Area A ranged from 1 foot bgs in grid areas AA1 and AA2 to 3 feet bgs in grid area A1.

6.2.2 Abandoned Concrete-Filled Floor Drain Inlet and Outlet Excavation Areas (Area A, Sub-Areas TP1 and TP2)

Two confirmation soil samples representing in-place excavation sidewall and bottom soil were collected from the area of the inlet to the abandoned concrete-filled floor drain and analyzed (Area A, Sub-Area TP1, Figure 4). Two confirmation soil samples representing in-place excavation sidewall and bottom soil also were collected from the area of the outlet of the abandoned concrete-filled floor drain and analyzed (Area A, Sub-Area TP2, Figure 4).

Lead was detected at concentrations up to 9.9 mg/kg in confirmation soil samples collected from the area of the inlet of the abandoned concrete-filled floor drain and at concentrations ranging from 28 to 400 mg/kg in confirmation soil samples collected from the area of the outlet of the abandoned concrete-filled floor drain, less than cleanup levels. The former inlet and outlet areas were excavated to depths of 7.5 and 2 feet bgs, respectively.

6.2.3 First Addition Excavation Area (Area B)

Five confirmation soil samples representing in-place excavation sidewall and bottom soil were collected from within Area B (Figure 4). Lead was detected at concentrations ranging from 39 to 610 mg/kg in confirmation soil samples collected from Area B, less than the cleanup level. The highest total lead concentration of 610 mg/kg was detected in the sample collected from the southeastern sidewall of the excavation at a depth of about 0.75 foot bgs. Excavation in Area B was conducted to a depth of 1.5 feet bgs.

6.2.4 Outside Building Footprint Excavation Area (Area C)

Five confirmation soil samples representing in-place excavation sidewall and bottom soil were collected from within Area C (Figure 4). Lead was detected at concentrations up to 710 mg/kg in confirmation soil samples collected from Area C, less than the cleanup level. The highest total lead concentration of 710 mg/kg was detected in the sample collected from the southeastern sidewall of the excavation at a depth of about 0.5 foot bgs. Excavation in Area C was conducted to a depth of 1.5 feet bgs.

6.3 PROTECTION MONITORING

Table 3 provides a summary of the airborne particulate sample analytical results. Lead was not detected at or exceeding the analytical method reporting limit on any of the four particulate filters tested. Results from testing of the particulate filter samples indicate that regulatory standards for worker protection were not exceeded during the cleanup action.

6.4 SOIL TRANSPORT, STABILIZATION, AND DISPOSAL

After excavation, soil was temporarily stockpiled on the Site and covered. Based on the results from soil sample analyses, waste profiling, and trial batch stabilizations, soil from the cleanup action was accepted for stabilization and subsequent disposal at the Waste Management Chemical Waste Management Subtitle D landfill in Arlington, Oregon.

A total of nine truckloads of excavated soil was transported off the Site on February 18, 24, and 27 and March 3, 2015. A total of 277 tons of soil was transported, stabilized, and disposed of. Copies of the waste transportation manifests showing receipt by the Waste Management Chemical Waste Management facility are provided in Appendix C.

7.0 CONCLUSIONS AND REQUEST FOR NO FURTHER ACTION DETERMINATION

This Closure Report documents the cleanup action completed at the Site to remove lead-contaminated soil related to historical releases during former battery manufacturing operations on the property at 2310 East 11th Street in Tacoma, Washington. The cleanup action was conducted as an independent remedial action under VCP Site Identification No. SW1208 and in accordance with MTCA requirements.

The results from the RI conducted by Farallon and others and results from performance soil sampling conducted during the cleanup action confirmed that lead at concentrations exceeding the cleanup level was present in soil in discrete areas generally below the building's footprint and adjoining the area excavated during the 2002 cleanup action conducted outside the building.

The cleanup action included demolition and removal of the building; and excavation, off-Site stabilization, and disposal of approximately 277 tons of lead-contaminated soil at the Waste Management Chemical Waste Management Subtitle D landfill in Arlington, Oregon.

Laboratory analytical results for confirmation soil samples collected from the final excavation limits confirmed that lead-contaminated soil exceeding the MTCA Method A cleanup level for industrial soil has been excavated and removed, achieving cleanup standards for the Site.

The cleanup action completed at the Site meets the threshold and other requirements defined in WAC 173-340-360(2) for a cleanup action, including protection of human health and the environment, compliance with applicable cleanup standards and state and federal laws, provision for compliance monitoring, and provision of a permanent and final cleanup solution. Based on the results from the completed cleanup action, issuance of an NFA determination for the Site is requested from Ecology.

8.0 REFERENCES

EnCo Environmental Corporation (EnCo). 2011. *Near Surface Soil & Groundwater Quality Investigation With Hazardous Building Materials Survey (Final Version), Sound Battery, 2310 East 11th Street, Tacoma, Washington 98421.* Prepared for Marvin Dykman, Puyallup, Washington. September 7.

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GeoSystems Analysis, Inc. 2002. *Final Cleanup Action Report.* Prepared for Sound Battery, Tacoma, Washington. July 22.

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9.0 LIMITATIONS

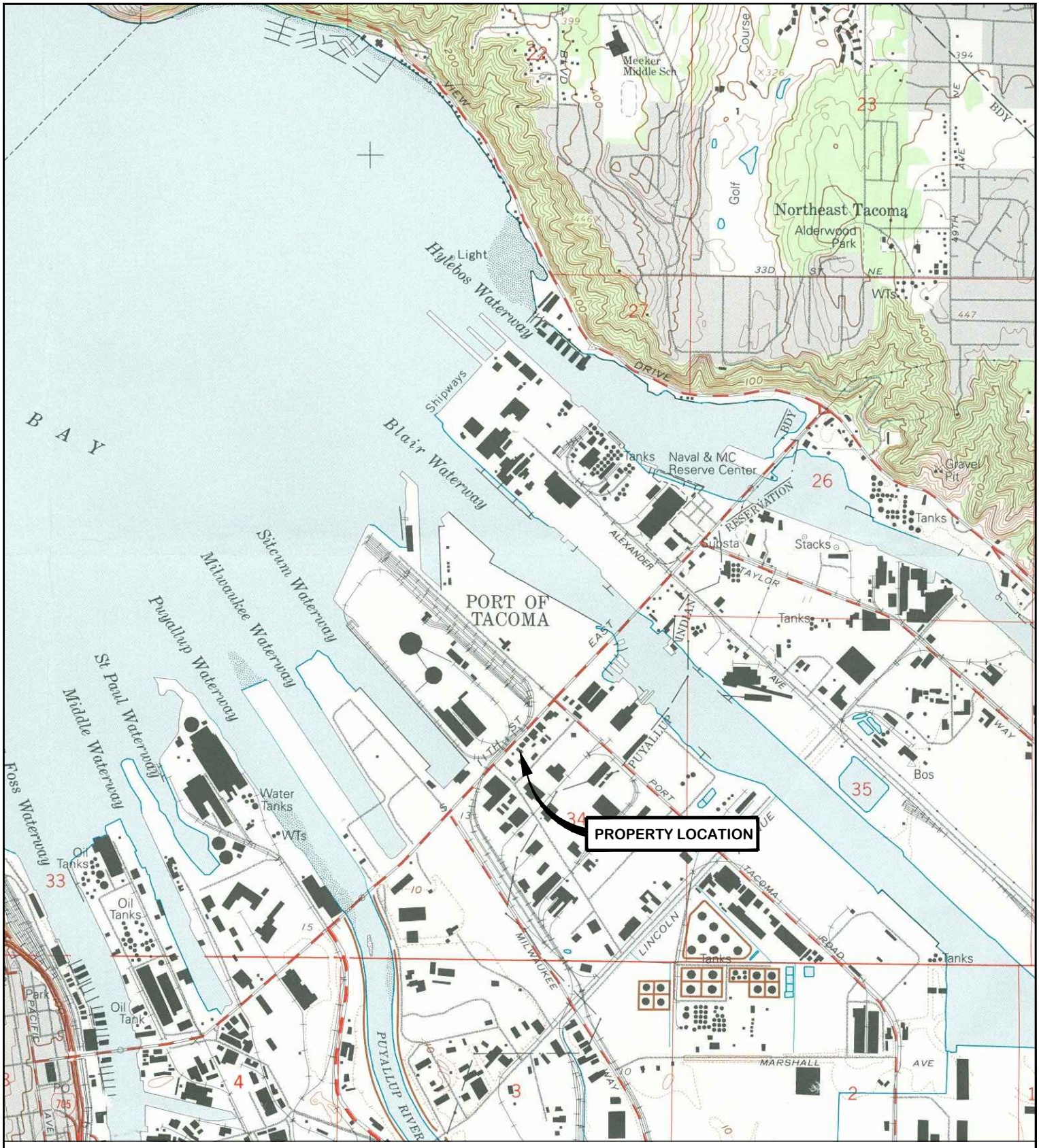
The conclusions and recommendations contained in this report are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location, and are subject to the following limitations.

Certain information used by Farallon in this report has been obtained, reviewed, and/or evaluated from various sources believed to be reliable. Although Farallon's conclusions, opinions, and recommendations are based in part on such information, Farallon's services did not include verification of its accuracy or authenticity. Should such information prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.

FIGURES

CLOSURE REPORT
Sound Battery Property
2310 East 11th Street
Tacoma, Washington

Farallon PN: 1117-001



REFERENCE: 7.5 MINUTE USGS QUADRANGLE TACOMA NORTH, WASHINGTON. DATED 1953 AND PHOTOREVISED 1981

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FIGURE 1

VICINITY MAP
SOUND BATTERY PROPERTY
2310 EAST 11TH STREET
TACOMA, WASHINGTON

FARALLON PN: 1117-001

Drawn By: DJR | Checked By: DEW | Date: 6/23/2015 | Disk Reference: 1117-001_00

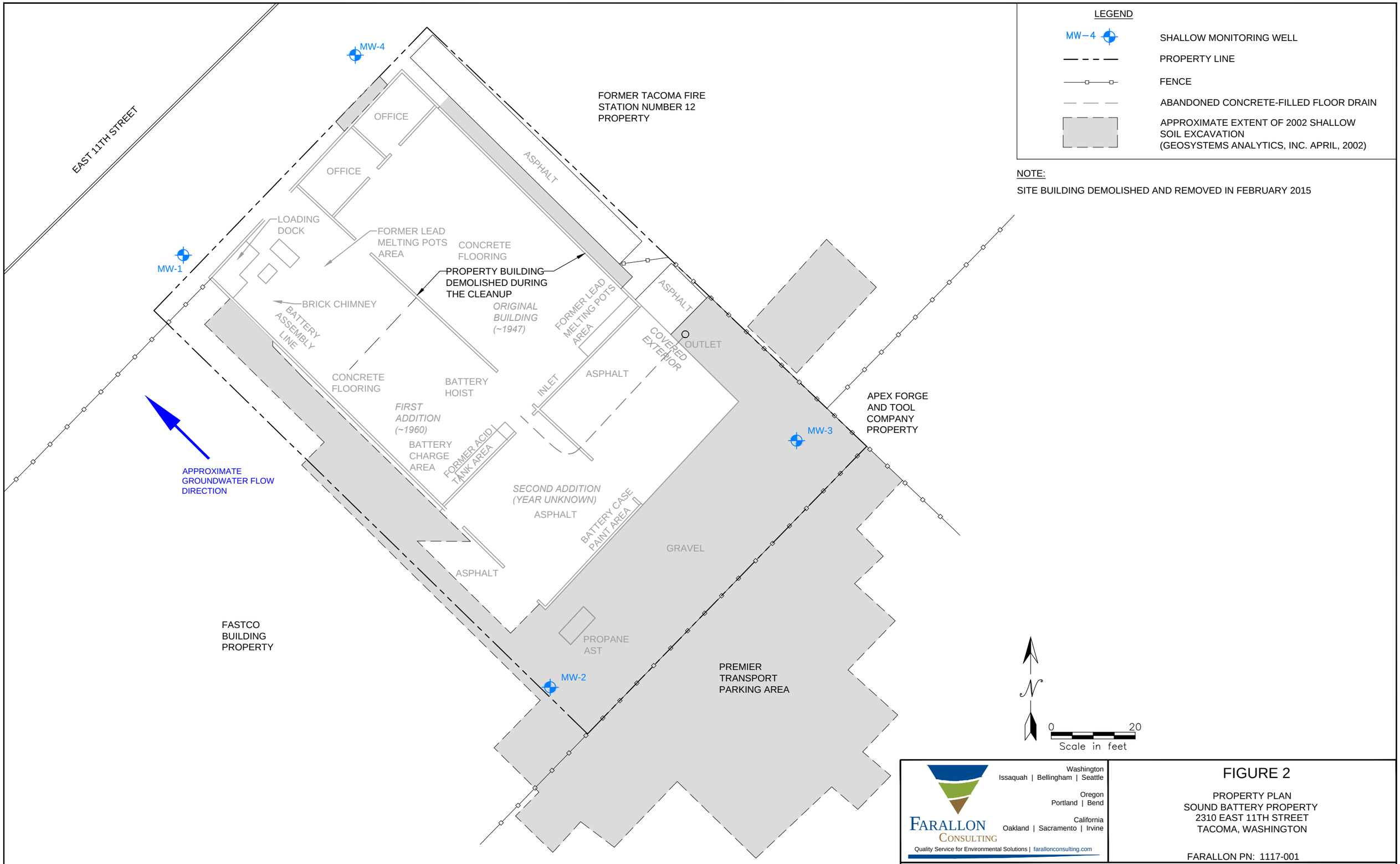

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FIGURE 2

PROPERTY PLAN
SOUND BATTERY PROPERTY
2310 EAST 11TH STREET
TACOMA, WASHINGTON

FARALLON PN: 1117-001

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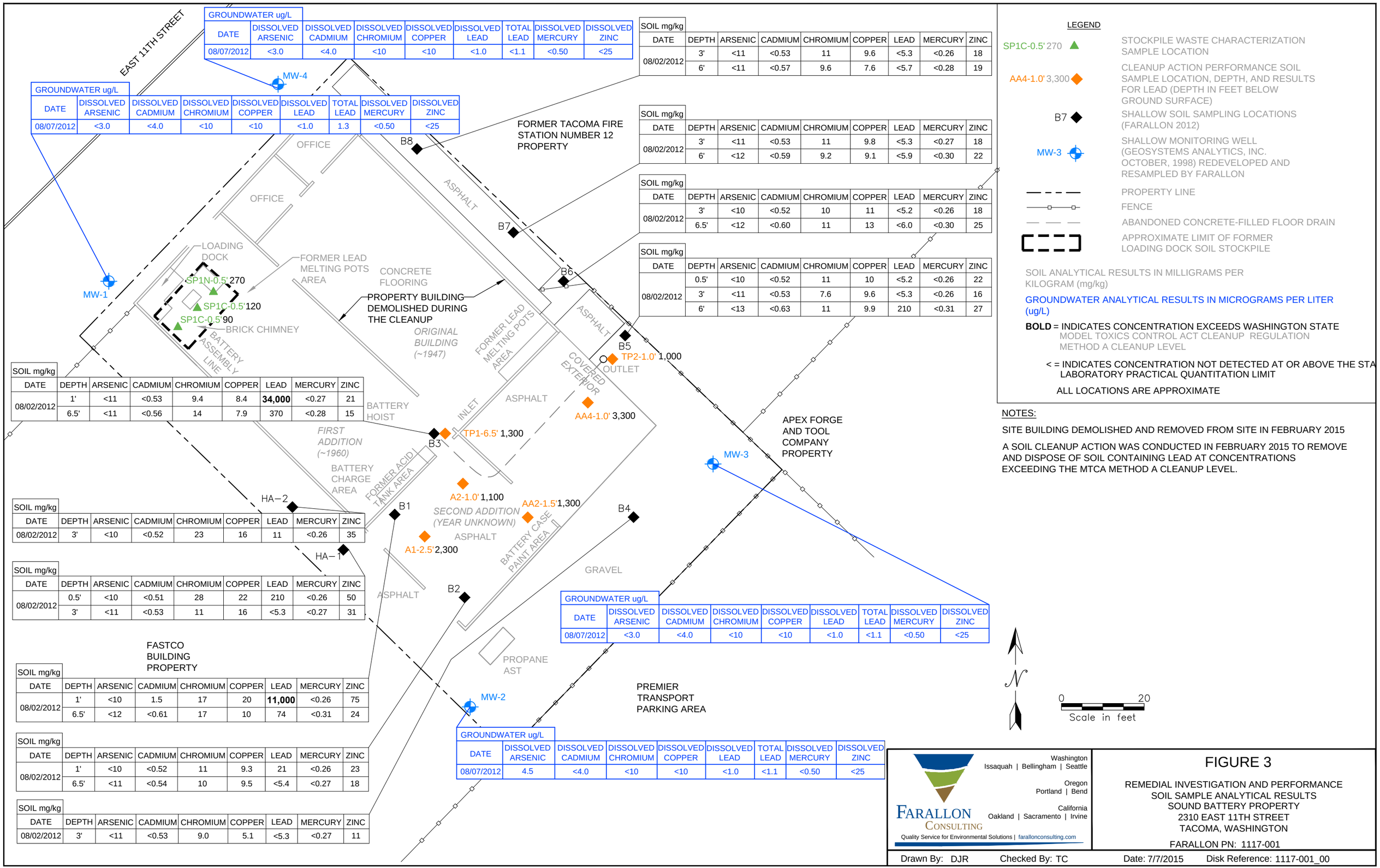

GROUNDWATER ug/L

DATE	DISSOLVED ARSENIC	DISSOLVED CADMIUM	DISSOLVED CHROMIUM	DISSOLVED COPPER	DISSOLVED LEAD	TOTAL LEAD	DISSOLVED MERCURY	DISSOLVED ZINC
08/07/2012	<3.0	<4.0	<10	<10	<1.0	<1.1	<0.50	<25

GROUNDWATER ug/L

DATE	DISSOLVED ARSENIC	DISSOLVED CADMIUM	DISSOLVED CHROMIUM	DISSOLVED COPPER	DISSOLVED LEAD	TOTAL LEAD	DISSOLVED MERCURY	DISSOLVED ZINC
08/07/2012	<3.0	<4.0	<10	<10	<1.0	1.3	<0.50	<25

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	3'	<11	<0.53	11	9.6	<5.3	<0.26	18
	6'	<11	<0.57	9.6	7.6	<5.7	<0.28	19

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	3'	<11	<0.53	11	9.8	<5.3	<0.27	18
	6'	<12	<0.59	9.2	9.1	<5.9	<0.30	22

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	3'	<10	<0.52	10	11	<5.2	<0.26	18
	6.5'	<12	<0.60	11	13	<6.0	<0.30	25

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	0.5'	<10	<0.52	11	10	<5.2	<0.26	22
	3'	<11	<0.53	7.6	9.6	<5.3	<0.26	16
	6'	<13	<0.63	11	9.9	210	<0.31	27

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	1'	<11	<0.53	9.4	8.4	**34,000**	<0.27	21
	6.5'	<11	<0.56	14	7.9	370	<0.28	15

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	3'	<10	<0.52	23	16	11	<0.26	35

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	0.5'	<10	<0.51	28	22	210	<0.26	50
	3'	<11	<0.53	11	16	<5.3	<0.27	31

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	1'	<10	1.5	17	20	**11,000**	<0.26	75
	6.5'	<12	<0.61	17	10	74	<0.31	24

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	1'	<10	<0.52	11	9.3	21	<0.26	23
	6.5'	<11	<0.54	10	9.5	<5.4	<0.27	18

SOIL mg/kg

DATE	DEPTH	ARSENIC	CADMIUM	CHROMIUM	COPPER	LEAD	MERCURY	ZINC
08/02/2012	3'	<11	<0.53	9.0	5.1	<5.3	<0.27	11

GROUNDWATER ug/L

DATE	DISSOLVED ARSENIC	DISSOLVED CADMIUM	DISSOLVED CHROMIUM	DISSOLVED COPPER	DISSOLVED LEAD	TOTAL LEAD	DISSOLVED MERCURY	DISSOLVED ZINC
08/07/2012	<3.0	<4.0	<10	<10	<1.0	<1.1	<0.50	<25

GROUNDWATER ug/L

DATE	DISSOLVED ARSENIC	DISSOLVED CADMIUM	DISSOLVED CHROMIUM	DISSOLVED COPPER	DISSOLVED LEAD	TOTAL LEAD	DISSOLVED MERCURY	DISSOLVED ZINC
08/07/2012	4.5	<4.0	<10	<10	<1.0	<1.1	<0.50	<25

LEGEND

- SP1C-0.5' 270 — STOCKPILE WASTE CHARACTERIZATION SAMPLE LOCATION
- AA4-1.0' 3,300 — CLEANUP ACTION PERFORMANCE SOIL SAMPLE LOCATION, DEPTH, AND RESULTS FOR LEAD (DEPTH IN FEET BELOW GROUND SURFACE)
- B7 — SHALLOW SOIL SAMPLING LOCATIONS (FARALLON 2012)
- MW-3 — SHALLOW MONITORING WELL (GEOSYSTEMS ANALYTICS, INC. OCTOBER, 1998) REDEVELOPED AND RESAMPLED BY FARALLON
- PROPERTY LINE
- FENCE
- ABANDONED CONCRETE-FILLED FLOOR DRAIN
- APPROXIMATE LIMIT OF FORMER LOADING DOCK SOIL STOCKPILE

SOIL ANALYTICAL RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)

GROUNDWATER ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)

BOLD = INDICATES CONCENTRATION EXCEEDS WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION METHOD A CLEANUP LEVEL

< = INDICATES CONCENTRATION NOT DETECTED AT OR ABOVE THE STA LABORATORY PRACTICAL QUANTITATION LIMIT

ALL LOCATIONS ARE APPROXIMATE

NOTES:

SITE BUILDING DEMOLISHED AND REMOVED FROM SITE IN FEBRUARY 2015

A SOIL CLEANUP ACTION WAS CONDUCTED IN FEBRUARY 2015 TO REMOVE AND DISPOSE OF SOIL CONTAINING LEAD AT CONCENTRATIONS EXCEEDING THE MTCA METHOD A CLEANUP LEVEL.

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FIGURE 3

REMEDIAL INVESTIGATION AND PERFORMANCE
SOIL SAMPLE ANALYTICAL RESULTS
SOUND BATTERY PROPERTY
2310 EAST 11TH STREET
TACOMA, WASHINGTON

FARALLON PN: 1117-001

Drawn By: DJR | Checked By: TC | Date: 7/7/2015 | Disk Reference: 1117-001_00

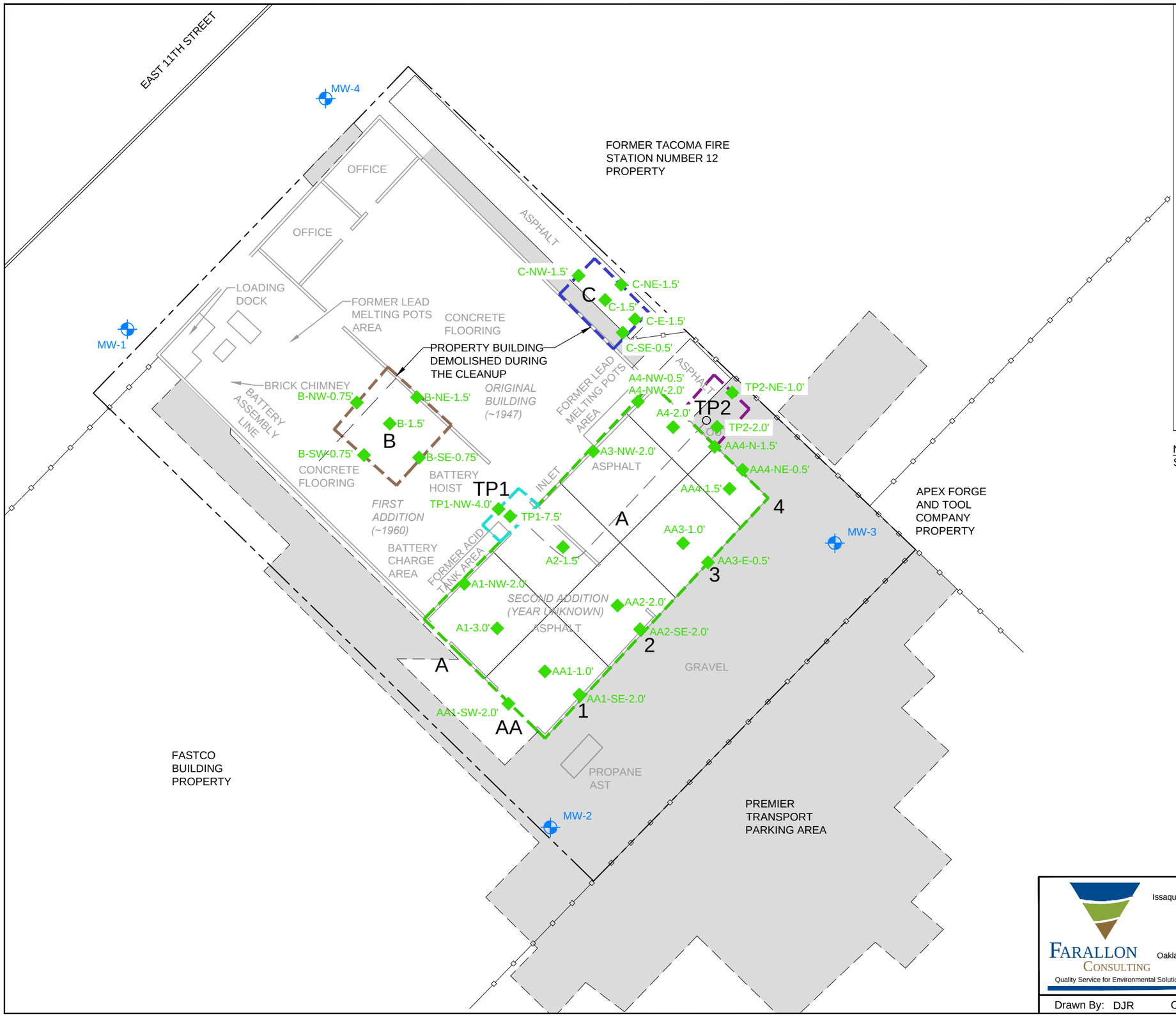

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FIGURE 4

FINAL LIMITS OF EXCAVATIONS
AND CONFIRMATION SOIL SAMPLE LOCATIONS
SOUND BATERY PROPERTY
2310 EAST 11TH STREET
TACOMA, WASHINGTON

FARALLON PN: 1117-001

Drawn By: DJR | Checked By: TC | Date: 7/7/2015 | Disk Reference: 1117-001_00

TABLES

CLOSURE REPORT
Sound Battery Property
2310 East 11th Street
Tacoma, Washington

Farallon PN: 1117-001

Table 1
Summary of Remedial Investigation and Performance Soil Sample Analytical Results
Sound Battery Property
2310 East 11th Street
Tacoma, Washington
Farallon PN: 1117-001

Sample Location	Sample Identification	Sample Date	Sample Depth (feet below ground surface)	Analytical Results (milligrams per kilogram, except as noted)[6]							
				Arsenic	Cadmium	Chromium	Copper	Lead	TCLP Lead (milligrams per liter)	Mercury	Zinc
Remedial Investigation Soil Samples											
B-1	B1-1.0	8/2/2012	1	*< 10*	*1.5*	*17*	*20*	***11,000***	***470***	*< 0.26*	*75*
	B1-6.5	8/2/2012	6.5	< 12	< 0.61	17	10	74	2.9	< 0.31	24
B-2	B2-1.0	8/2/2012	1	*< 10*	*< 0.52*	*11*	*9.3*	*21*	-	*< 0.26*	*23*
	B2-6.5	8/2/2012	6.5	< 11	< 0.54	10	9.5	< 5.4	< 0.20	< 0.27	18
B-3	B3-1.0	8/2/2012	1	*< 11*	*< 0.53*	*9.4*	*8.4*	***34,000***	***230***	*< 0.27*	*21*
	B3-6.5	8/2/2012	6.5	*< 11*	*< 0.56*	*14*	*7.9*	*370*	*< 0.20*	*< 0.28*	*15*
B-4	B4-3.0	8/2/2012	3	< 11	< 0.53	9.0	5.1	< 5.3	-	< 0.27	11
B-5	B5-0.5	8/2/2012	0.5	< 10	< 0.52	11	10	< 5.2	-	< 0.26	22
	B5-3.0	8/2/2012	3	< 11	< 0.53	7.6	9.6	< 5.3	-	< 0.26	16
	B5-6.0	8/2/2012	6	< 13	< 0.63	11	9.9	210	-	< 0.31	27
B-6	B6-3.0	8/2/2012	3	< 10	< 0.52	10	11	< 5.2	-	< 0.26	18
	B6-6.5	8/2/2012	6.5	< 12	< 0.60	11	13	< 6.0	-	< 0.30	25
B-7	B7-3.0	8/2/2012	3	< 11	< 0.53	11	9.8	< 5.3	-	< 0.27	18
	B7-6.0	8/2/2012	6	< 12	< 0.59	9.2	9.1	< 5.9	-	< 0.30	22
B-8	B8-3.0	8/2/2012	3	< 11	< 0.53	11	9.6	< 5.3	-	< 0.26	18
	B8-6.0	8/2/2012	6	< 11	< 0.57	9.6	7.6	< 5.7	-	< 0.28	19
HA-1	HA-1-0.5	8/2/2012	0.5	< 10	< 0.51	28	22	210	-	< 0.26	50
	HA-1-3.0	8/2/2012	3	< 11	< 0.53	11	16	< 5.3	-	< 0.27	31
HA-2	HA-2-3.0	8/2/2012	3	< 10	< 0.52	23	16	11	-	< 0.26	35
Cleanup Action Performance Soil Samples											
A1	A1-2.5-022415	2/24/2015	2.5	-	-	-	-	***2,300***	-	-	-
A2	A2-1.0-021815	2/18/2015	1	-	-	-	-	***1,100***	-	-	-
AA2	AA2-1.5-021815	2/18/2015	1.5	-	-	-	-	***1,300***	-	-	-
AA4	AA4-1.0-021815	2/18/2015	1	-	-	-	-	***3,300***	-	-	-
TP1	TP1-6.5-022415	2/24/2015	6.5	-	-	-	-	***1,300***	-	-	-
TP2	TP2-N-1.0-021815	2/18/2015	1	-	-	-	-	***1,000***	-	-	-
MTCA Method A Cleanup Levels for Soil[1]				**20**	**2**	**2000[2]**	**3,200[3]**	**1,000**	**5[4]**	**2**	**24,000[5]**

NOTES:

Results in **bold** denote results exceeding applicable screening levels.

Results in *italics* denote samples that represent soil that has been excavated and disposed of off the Site.

< denotes analyte not detected at or exceeding the reporting limit listed.

- denotes analyte not tested for.

[1] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Industrial Land Uses, Table 745-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

[2] Value provided is for Chromium III. The MTCA Method A soil cleanup level for Chromium VI is 19 milligrams per kilogram.

[3] No MTCA Method A soil cleanup level available. The most stringent cleanup level available in CLARC is 3,200 micrograms per kilogram using MTCA Method B cleanup level for soil (standard formula value for direct contact--ingestion).

[4] MTCA Method A soil cleanup level not applicable. Value indicated is the maximum concentration of contaminants for the toxicity characteristic triggering Dangerous Waste Classification No. D008 for lead per Washington State Dangerous Waste Regulation Section 090(8) of Chapter 173-303 of the Washington Administrative Code, as revised January 2005.

[5] No MTCA Method A soil cleanup level available. The most stringent cleanup level available in CLARC is 24,000 micrograms per kilogram using MTCA Method B cleanup level for soil (standard formula value for direct contact--ingestion).

[6] Analyzed by U.S. Environmental Protection Agency Methods 6010B,C/7471A except for TCLP lead, which was analyzed using U.S. Environmental Protection Agency Method 1311/6010B.

CLARC = Washington State Department of Ecology Cleanup Levels and Risk Calculations Database (https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx) queried 8/24/2012.

TCLP = Toxicity Characteristic Leaching Procedure, Test Method 1311 in U.S. Environmental Protection Agency Publication SW-846.

Table 2
Excavation Confirmation Soil Sample Analytical Results
Sound Battery Property
2310 East 11th Street
Tacoma, Washington
Farallon PN: 1117-001

Excavation Grid Area	Sample Location	Sample Description	Sample Identification	Sample Date	Sample Depth (feet below ground surface)	Analytical Results: Total Lead (mg/kg)[2]
Former Second Addition Excavation Area (Area A)						
A1	A1	Bottom	A1-3.0-022715	2/27/2015	3	<5.2
	A1-NW	NW Sidewall	A1-NW-2.0-021815	2/18/2015	2	390
A2	A2	Bottom	A2-1.5-022415	2/24/2015	1.5	92
A3	A3-NW	NW Sidewall	A3-NW-2.0-021815	2/18/2015	2	18
A4	A4-NW	NW Sidewall	A4-NW-0.5-021815	2/18/2015	0.5	5.5
		NW Sidewall	A4-NW-2.0-021815	2/18/2015	2	23
	A4	Bottom	A4-2.0-021815	2/18/2015	2	230
AA1	AA1	Bottom	AA1-1.0-021815	2/18/2015	1	200
	AA1-SE	SE Sidewall	AA1-SE-2.0-021815	2/18/2015	2	470
	AA1-SW	SW Sidewall	AA1-SW-2.0-021815	2/18/2015	2	240
AA2	AA2	Bottom	AA2-2.0-022415	2/24/2015	2	45
	AA2-SE	SE Sidewall	AA2-SE-2.0-021815	2/18/2015	2	380
AA3	AA3	Bottom	AA3-1.0-021815	2/18/2015	1	310
	AA3-E	E Sidewall	AA3-E-0.5-021815	2/18/2015	0.5	440
AA4	AA4	Bottom	AA4-1.5-022415	2/24/2015	1.5	40
	AA4-N	N Sidewall	AA4-N-1.5-022415	2/24/2015	1.5	110
	AA4-NE	NE Sidewall	AA4-NE-0.5-021815	2/18/2015	0.5	340
Former Drain Line Inlet and Outlet Excavation Area s (Area A Sub-areas TP1 and TP2)						
TP1	TP1-NW	NW Sidewall	TP1-NW-4.0-022415	2/24/2015	4	9.9
	TP1	Bottom	TP1-7.5-022715	2/27/2015	7.5	<6.8
TP2	TP2-NE	NE Sidewall	TP2-NE-1.0-022415	2/24/2015	1	28
	TP2	Bottom	TP2-2.0-021815	2/18/2015	2	400
Former First Addition Excavation Area (Area B)						
B	B	Bottom	B-1.5-021815	2/18/2015	1.5	39
	B-NW	NW Sidewall	B-NW-0.75-021815	2/18/2015	0.75	320
	B-NE	NE Sidewall	B-NE-1.5-021815	2/18/2015	1.5	77
	B-SE	SE Sidewall	B-SE-0.75-021815	2/18/2015	0.75	610
	B-SW	SW Sidewall	B-SW-0.75-021815	2/18/2015	0.75	240
Beyond Building Footprint Excavation Area (Area C)						
C	C-E	E Sidewall	C-E-1.5-022415	2/24/2015	1.5	93
	C-NE	NE Sidewall	C-NE-1.5-022415	2/24/2015	1.5	300
	C-NW	NW Sidewall	C-NW-1.5-022415	2/24/2015	1.5	< 5.4
	C	Bottom	C-1.5-022415	2/24/2015	1.5	19
	C-SE	SE Sidewall	C-SE-0.5-021815	2/24/2015	0.5	710
MTCA Method A Cleanup Level for Soil[1]						**1,000**

NOTES:

Results in **bold** denote sample results exceeding applicable screening level.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1] Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Industrial Land Uses, Table 745-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

[2] Analyzed by U.S. Environmental Protection Agency Methods 6010B/7471A.

E = east
mg/kg = milligrams per kilogram
N = north
NE = northeast
NW = northwest
SE = southeast
SW = southwest

Table 3
Breathing Zone and Property Boundary Air Filter Sample Analytical Results
Sound Battery Property
2310 East 11th Street
Tacoma, Washington
Farallon PN: 1117-001

Sample Location	Sample Identification	Sample Date	Air Sample Volume (cubic meters)	Analytical Results: Lead (µg/filter)	Calculated Air-Lead Concentration (µg/m[1])
Breathing Zone					
Variable--Breathing Zone of Work Area	BZ-021715	2/17/2015	0.232	<10	<43.10
	BZ-021815	2/18/2015	0.672	<10	<14.88
Downwind Property Boundary					
Downwind Fence Line	SOUTH FENCE-021715	2/17/2015	0.232	<10	<43.10
	SOUTH FENCE-021815	2/18/2015	0.670	<10	<14.92
NIOSH Recommended Exposure Limit Over a Period of 8 Hours[2]					**50**
OSHA Permissable Exposure Limit Over a Period of 8 Hours[2]					**50**
EPA Regional Screening Levels for Residential Air[3]					**0.15**

NOTES:

Results in **bold** denote sample results exceeding applicable screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

[1] Analyzed by U.S. Environmental Protection Agency Method 6010C.

[2] Centers for Disease Control and Prevention Website http://www.cdc.gov/niosh/topics/lead/limits.html (May 14, 2015)

[3] U.S. Environmental Protection Agency (Region 3) Regional Screening Level for Residential Air (Total Carcinogenic Risk = 1E-06; Total Noncarcinogenic Hazard Quotient = 1.0) (January 2015).

EPA = U.S. Environmental Protection Agency

µg/filter = micrograms per filter analyzed

µg/m^3 = micrograms per cubic meter

NIOSH = National Institute for Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

APPENDIX A
PERMITTING AND AUTHORIZATIONS

CLOSURE REPORT
Sound Battery Property
2310 East 11th Street
Tacoma, Washington

Farallon PN: 1117-001

CITY OF TACOMA
Planning and Development Services

747 Market St
Tacoma, WA 98402
Inspections: (253)
573-2587

BUILDING PERMIT

PERMIT NO: **40000223991** ISSUED: **07/02/2014** EXPIRES: **12/29/2014**
SITE ADDRESS: **/ 2310 E 11TH ST / TACOMA WA 98421-3303**
PARCEL NO: **PA2275200770**
SUBDIVISION: LOT & BLOCK:

FULL LEGAL DESCRIPTION ON FILE

24 Hour Inspection Line - Call (253) 573-BLUS (2587)

OWNER
DYKMAN MARVIN & GLEE
2310 E 11TH ST
TACOMA WA 98421-3303

CONTRACTOR/SOLD TO PARTY
BP 0400678388 Lic No:
MARVIN W DYKMAN Exp date:
9223 169TH ST E
PUYALLUP WA 98375
Phone 253-446-0322

PROJECT DESCRIPTION
BLD2014 2310 E 11TH ST
Grade & fill 250 cy for site remediation - Sound Battery

City Contact:	Patricia C	**IBC Constr Type**	**UBC Constr Type**
Type of Permit:	Building Commercial	V B	
Number of Units:	1		
Est value:	$360,000.00		
Type of Work:	Grading & Clearing		
SWPPP:			
Grading:	250.00		

BUILDING AREA (Sq ft)

Number of Floors:		Garage/Carport:	0.00
Total Floor Area:	0.00	Storage Bldgs:	0.00
Attached Garage:	0.00	Other Access Bldg:	0.00
Basement:	0.00	Miscellaneous:	0.00
Decks:	0.00	Tot Acc Bldg Area:	0.00
Other Area:	0.00		

Building Info	**Zoning**	**Building Use**			
		UBC	IBC	AREA (sq ft)	Bldg Type
Sprinklers	PMI				
Other Fire Supp.					
Fire Alarm Zone					

CONDITIONS OF APPROVAL

PERMIT MUST BE KEPT ON SITE DURING CONSTRUCTION
All plumbing, heating and electrical work will be performed by either the home owner or by a contractor licensed to do same. Separate permits are required for other work, including but not limited to, sanitary and storm sewer, sidewalk, curb and gutter, driveways, parking lot paving, street improvements, plumbing, mechanical, fire protection and signs.

x Marvin Dykman
Signature of Owner/Contractor

THIS PERMIT SHALL BECOME NULL AND VOID IF ANY OF THE ABOVE INFORMATION IS FOUND TO BE INCORRECT

P611

PM017A1A

GENERAL:

PERMISSION IS HEREBY GIVEN TO DO THE DESCRIBED WORK, AS NOTED ON THE REVERSE SIDE, ACCORDING TO THE CONDITIONS HEREON AND ACCORDING TO THE APPROVED PLANS AND SPECIFICATIONS PERTAINING THERETO, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF TACOMA.,

YOUR ATTENTION IS CALLED TO THE FACT THAT IT SHALL BE THE DUTY OF THE PERMITEE (General Contractor) to assure that all necessary inspections are called for and approved by the City Inspectors.

YOUR ATTENTION IS CALLED to the fact that in addition to the called for inspections specified by the applicable codes, the Building Official may make or require any other inspections of any construction work necessary to ascertain compliance with the provisions of City Codes and other laws which are enforced by the City of Tacoma.

YOUR ATTENTION IS CALLED to the fact that in addition to regularly scheduled inspections during construction there shall be a final inspection and approval on all buildings or structures when completed and ready for occupancy. All required off-site improvements (curbs, sidewalks, storm sewers, etc.) must be completed at time a final inspection and prior to occupancy of building. Construction of off-site improvements requires scheduled inspections during construction in addition to the final inspection.

SPECIAL PERMITS

The holder of Special Permits agrees to the following stipulations:

1. To complete the work encompassed by the Special Permit in accordance with the current edition of the WSDOT/APWA Standard Specifications as amended by the City of Tacoma General Special Provisions and in accordance with any special provisions or conditions set forth before final acceptance as required by the provisions of the Street Obstruction Bond.
2. To indemnify and hold the City of Tacoma harmless from any and all damages done to any person or property which may arise from the construction encompassed by the Special Permit.
3. To submit for review and approval to the Traffic Engineer a traffic control plan developed in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD). The traffic control plan shall show pedestrian access through the work zone.
4. To protect the public by placing adequate barricades, signs, cones, lights or other traffic control devices in accordance with the approved traffic control plan. It is understood that traffic lane closures and or sidewalk closures are limited to that which is specifically permitted herein. No other closures will be allowed without prior written approval of the City Engineer.
5. To provide and maintain protected pedestrian and ADA compliant disability access on walkways at all times.
6. The City of Tacoma does not guarantee sewer location or depth information. It shall be the permittee's responsibility to verify sewer and sewer stub locations and depths.
7. To restore Rights-of-Way in accordance with the City's Rights-of-Way Restoration Policy and City of Tacoma Standard Plans
8. Trench backfill within all improved streets or streets proposed for improvement shall be full depth bank run gravel or approved equal by the Construction Division.
9. All cuts in arterial streets shall be patched and maintained with Hot Mix Asphalt until permanent repairs are completed. All cuts in residential streets or alleys shall be patched and maintained with cold mix asphalt until permanent repairs are made. Permanent repairs shall be per current City of Tacoma Standard Plans. Streets and alleys shall be permanently repaired within 30 days.
10. To be responsible for the preservation of any utilities within the construction area.
    CALL TOLL FREE BEFORE YOU DIG -1-800-424-5555 (Utilities Underground Location Center)
11. 24 Hour notice is required prior to any inspection. Construction Division 253-591-5760, Traffic Signal/Streetlight 253-591-5287.
12. The Special Permit Expiration date is 30 days from the issue date unless otherwise noted.

OVERTIME PARKING PERMITS

1. An Overtime Parking Permit is valid only in time zone parking areas within 1 city block of the permit address. All loading zones and special zones are excluded.
2. The Overtime Parking Permit must be displayed on the vehicle dashboard on the curbside. The permit must be visible at all times.

SPECIAL MOTOR VEHICLE PERMIT

Liability of Permittee: The Special Motor Vehicle Permit is granted with the specific understanding that the permittee shall be responsible and liable for all accidents, damage or injury to any person or property resulting from the operation of the piece of equipment encompassed by the permit upon the public streets of the City of Tacoma. The permittee shall hold blameless and harmless and shall indemnify the City of Tacoma, its officers, agents, and employees against any and all claims, demands, loss, injury, damage, actions and costs of actions whatsoever which they may sustain by reason of the acts, conducts or operations of the permittee encompassed by the Special Motor Vehicle Permit. The permittee shall defend and pay expenses of defending any action and suit which may be commenced by any third person alleging any injury to person or property arising out of the activities encompassed by the Special Motor Vehicle Permit.

CITY OF TACOMA
Planning and Development Services

747 Market St
Tacoma, WA 98402
Inspections: (253)
573-2587

BUILDING PERMIT

PERMIT NO: **40000224918** ISSUED: **01/23/2015** EXPIRES: **07/22/2015**
SITE ADDRESS: **/ 2310 E 11TH ST / TACOMA WA 98421-3303**
PARCEL NO: **PA2275200770**
SUBDIVISION: LOT & BLOCK:

FULL LEGAL DESCRIPTION ON FILE

24 Hour Inspection Line - Call (253) 573-BLUS (2587)

OWNER	**CONTRACTOR/SOLD TO PARTY**
DYKMAN MARVIN & GLEE 2310 E 11TH ST TACOMA WA 98421-3303	BP 0400871064 Lic No: RHINEDL893BE RHINE DEMOLITION LLC Exp date: 01/03/2015 1124 112TH ST E TACOMA WA 98445-3798 Phone 253-537-5852

PROJECT DESCRIPTION
BLD2014 2310 E 11TH ST
Demolish Sound Battery (Assoc w/ 4-223991)

		IBC Constr Type	**UBC Constr Type**
City Contact:	Patricia C		
Type of Permit:	Building Commercial	V B	
Number of Units:	1		
Est value:	$109,000.00		
Type of Work:	Demolition		
SWPPP:			
Grading:	0.00		

BUILDING AREA (Sq ft)

Number of Floors:		Garage/Carport:	0.00
Total Floor Area:	4,865.00	Storage Bldgs:	0.00
Attached Garage:	0.00	Other Access Bldg:	0.00
Basement:	0.00	Miscellaneous:	0.00
Decks:	0.00	Tot Acc Bldg Area:	0.00
Other Area:	0.00		

Building Info	**Zoning**	**Building Use**			
		UBC	IBC	AREA (sq ft)	Bldg Type
Sprinklers	PMI	N/A	S1	4865.00	N/A
Other Fire Supp.					
Fire Alarm Zone					

CONDITIONS OF APPROVAL

PERMIT MUST BE KEPT ON SITE DURING CONSTRUCTION
All plumbing, heating and electrical work will be performed by either the home owner or by a contractor licensed to do same. Separate permits are required for other work, including but not limited to, sanitary and storm sewer, sidewalk, curb and gutter, driveways, parking lot paving, street improvements, plumbing, mechanical, fire protection and signs.

x Jason Rose Rhine Demolition
Signature of Owner/Contractor

THIS PERMIT SHALL BECOME NULL AND VOID IF ANY OF THE ABOVE INFORMATION IS FOUND TO BE INCORRECT

P611

PM017A1A

GENERAL:

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3. To submit for review and approval to the Traffic Engineer a traffic control plan developed in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD). The traffic control plan shall show pedestrian access through the work zone.
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SPECIAL MOTOR VEHICLE PERMIT

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Inspection Record Card

City of Tacoma

Planning and Development Services Department

INSPECTION PHONE NUMBERS

NOTICE
Post this card and the approved plans conspicuously on the construction site for inspections

Building

Structure, Plumbing & Mechanical	253-591-5030
Fire/Sprinkler	253-591-5754
Electrical	253-502-8277

Site

Right-of-Way and Storm & Sanitary Conveyance	253-591-5030
Sanitary OWS/Grease Trap	253-502-2153
Stormwater Quality Device/Source Control	253-502-2162

Land Use

Zoning/Landscaping Final	253-591-5577

To check the results of the building and/or site inspections, call the City of Tacoma Permit Services System at 253-591-5030

DATE ISSUED January 23, 2015 TO Rhine Demolition LLC Owner/Contractor

TYPE OF WORK Demolish Sound Battery

ADDRESS 2310 E 11th St

Request All That Apply	Inspection Schedule	Date	BY
	Initial Erosion Control (BMP) for clearing and grading		
	Building Footing		
	Building Foundation Walls		
	Plumbing/Mechanical Groundwork		
	Slab (base and insulation)		
Required Before The Building Framing Inspection	Floor Framing (prior to decking)		
	Shear Wall Nailing (before siding)		
	Plumbing Rough-In		
	Mechanical Rough-In (HVAC & exhaust)		
	Gas Piping		
	Electrical Rough-In		
	Water Line Installation		
	Rough-in/Set Storm & Sanitary Device		
	Rough-in/Set Storm & Sanitary Conveyance		
	Erosion Control Maintenance (BMP)		
	Building Framing and Caulking		
	Insulation		
Required Before The Building Final Inspection	Drywall		
	Suspended Ceiling (see back of card)		
	Plumbing Final		
	Mechanical Final		
	Electrical Final		
	Storm and Sanitary Device Final		
	Storm and Sanitary Conveyance Final		
	Sidewalk, Curb & Gutter, Driveway		
	Final Erosion Control & Site Stabilization (BMP)		
	Building Final (see back of card)		

WARNING: **It is unlawful to occupy the premises until all applicable final inspections have been made.**

SUPPLEMENTAL INSPECTIONS ON THE BACK

Supplemental Erosion Control Inspections	
	By / Date
Initial Inspection:	
Maintenance Inspection:	
Maintenance Inspection:	
Maintenance Inspection:	
Maintenance Inspection:	
Maintenance Inspection:	

Commercial Building Inspections That May Apply	
	By / Date
Electrical for Ceiling Cover	
Mechanical for Ceiling Cover	
Fire/Sprinkler for Ceiling Cover	
Building for Ceiling Cover	
Fire/Sprinkler **FINAL**	
Water/Backflow **FINAL** (253-502-8215)	
Zoning/Landscaping **FINAL**	
Boiler **FINAL** (253-596-3902)	

Comments

PERMITS:

Building #	400003249K	Contractor	
Plumbing #		Contractor	
Heating #		Contractor	
Electrical #		Contractor	
Sanitary Sewer #		Contractor	
Sidewalk #		Contractor	

pscleanair.org
Puget Sound Clean Air Agency

Notification Case #: 201500236

This page must be printed. A printout of the notification, all amendments to the notification, and the asbestos survey shall be available for inspection at all times at the asbestos project or demolition site (Reg III, 4.03(a)(6)).

Fee Amount Paid	**$65.00**		
Credit Card Transaction #	**VXJFCC0CF092**		
Transaction Date	**01/21/15**		
Owner's Name	**Mr. Marvin Dykman c/o Saybr through Farralon**	Phone	**(253) 531-2144**
Project Street Address	**2310 East 11th Street**		
City	**Tacoma**	Zip	**98421**
Contact Person	**Deanna Peters**	Phone	**(253) 537-5852**
Mailing Address	**1124 112th St. E.** **Tacoma, WA 98445**		

This project includes a demolition.

Demolition Start Date **02/16/15** Completion Date **06/30/15**

Demolition will be completed by **a demolition contractor**

Demo Contractor	**Rhine Demolition LLC**	Contractor Job #	**4026**
Contact	**Deanna Peters**	Phone	**(253) 537-5852**
Mailing Address	**1124 112th Street E** **Tacoma, WA 98445**		

(1) I certify that the information I have provided is to the best of my knowledge true and accurate.
(2) I understand that I must file an Amendment to this Notification if:

- The type of project has changed. The project types are asbestos and demolition.
- The quantity of friable asbestos to be removed meets a larger project category.
- The project's start or completion date has changed.

(3) I understand one Notification must be filed for each structure. The only exception is for a single-family residence that includes multiple ancillary structures, such as a detached garage or other outbuildings having the same street address. If there is no street address, I have used a building number.
(4) I understand the fees for this Notification are nonrefundable.

Create Another Notification **View History** **Log Out**

If you have questions, contact us at asbestos@pscleanair.org or 206.689.4058.

Inspection Record Card

City of Tacoma

Planning and Development Services Department

INSPECTION PHONE NUMBERS

NOTICE
Post this card and the approved plans conspicuously on the construction site for inspections

Building

Structure, Plumbing & Mechanical	253-591-5030
Fire/Sprinkler	253-591-5754
Electrical	253-502-8277

Site

Right-of-Way and Storm & Sanitary Conveyance	253-591-5030
Sanitary OWS/Grease Trap	253-502-2153
Stormwater Quality Device/Source Control	253-502-2162

Land Use

Zoning/Landscaping Final	253-591-5577

To check the results of the building and/or site inspections, call the City of Tacoma Permit Services System at 253-591-5030

DATE ISSUED January 23, 2015 TO Rhine Demolition LLC Owner/Contractor

TYPE OF WORK Demolish Sound Battery

ADDRESS 2310 E 11th St

Request All That Apply	Inspection Schedule	Date	BY
	Initial Erosion Control (BMP) for clearing and grading		
	Building Footing		
	Building Foundation Walls		
	Plumbing/Mechanical Groundwork		
	Slab (base and insulation)		
Required Before The Building Framing Inspection	Floor Framing (prior to decking)		
	Shear Wall Nailing (before siding)		
	Plumbing Rough-In		
	Mechanical Rough-In (HVAC & exhaust)		
	Gas Piping		
	Electrical Rough-In		
	Water Line Installation		
	Rough-in/Set Storm & Sanitary Device		
	Rough-in/Set Storm & Sanitary Conveyance		
	Erosion Control Maintenance (BMP)	2/11/15	MHZ / JC
	Building Framing and Caulking		
	Insulation		
Required Before The Building Final Inspection	Drywall		
	Suspended Ceiling (see back of card)		
	Plumbing Final		
	Mechanical Final		
	Electrical Final		
	Storm and Sanitary Device Final		
	Storm and Sanitary Conveyance Final		
	Sidewalk, Curb & Gutter, Driveway		
	Final Erosion Control & Site Stabilization (BMP)	3/4/15	MHZ
	Building Final (see back of card)	3.4.15	MHZ

WARNING: It is unlawful to occupy the premises until all applicable final inspections have been made.

SUPPLEMENTAL INSPECTIONS ON THE BACK

SANITATION RECORD

BUILDING ADDRESS: 2310 E 11th St

SAP NUMBER: 40000224918 **DATE ISSUED:** 1/23/2015

CITY OF TACOMA - ESSE / Site Development Group

SIDE SEWER DRAWINGS

CONTRACTOR:
RHINE DEMOLITION LLC / Saybr

INSPECTED BY:
D. McLaren

DATE INSPECTED:
2/16/2015

COMMENTS:
Witnessed demo permit requirement to abandon sewer lateral.

Pass / Fail / NA

[ ] [ ] [x] Water/Air Test

Not applicable = Spot repair too short to test

Yes / No

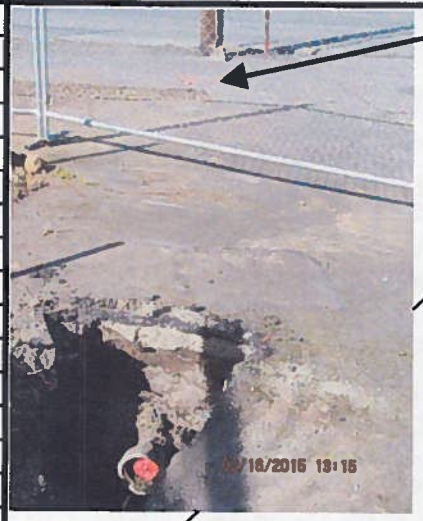
[ ] [x] Compaction Test

Trench Compaction Required within City Right-of-Way
(from back of walk to back of walk)

LEGEND:

C/O = Clean-out
NFC = Neoprene Flex Coupler(Fernco)
CI = Cast Iron
CIPP = Cured In Place Pipe
CTP = Clay Tile Pipe
HDPE = Hi-Density Polyethylene

( ) NEW
( ) REPAIR
(X) OTHER



APPENDIX B
LABORATORY ANALYTICAL REPORTS

CLOSURE REPORT
Sound Battery Property
2310 East 11th Street
Tacoma, Washington

Farallon PN: 1117-001

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 20, 2015

Tad Cline
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 1117-001
Laboratory Reference No. 1502-169

Dear Tad:

Enclosed are the analytical results and associated quality control data for samples submitted on February 19, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

Case Narrative

Samples were collected on February 17 and 18, 2015 and received by the laboratory on February 18, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Lead EPA 6010C Analysis

Sample SOUTHFENCE-021815 (02-169-24) was received with water inside the cartridge.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD – Air Cartridges
EPA 6010C

Matrix: Filter
Units: ug/Filter

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-169-01					
Client ID:	**BZ-021715**					
Lead	**ND**	10	6010C	2-19-15	2-19-15	
Lab ID:	02-169-02					
Client ID:	**SOUTH FENCE-021715**					
Lead	**ND**	10	6010C	2-19-15	2-19-15	
Lab ID:	02-169-23					
Client ID:	**BZ-021815**					
Lead	**ND**	10	6010C	2-19-15	2-19-15	
Lab ID:	02-169-24					
Client ID:	**SOUTH FENCE-021815**					
Lead	**ND**	10	6010C	2-19-15	2-19-15	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-19-15
Date Analyzed:	2-19-15
Matrix:	Filter
Units:	ug/Filter
Lab ID:	MB0219WP1

Analyte	Method	Result	PQL
Lead	6010C	**ND**	10

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
SB/SBD QUALITY CONTROL

Date Extracted: 2-19-15
Date Analyzed: 2-19-15

Matrix: Filter
Units: ug/Filter

Lab ID: SB0219WP1

Analyte	Spike Level	SB	Percent Recovery	SBD	Percent Recovery	RPD	Flags
Lead	500	**550**	110	**544**	109	1	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-169-03					
Client ID:	**AA4-1.0-021815**					
Lead	**3300**	27	6010C	2-20-15	2-20-15	
Lab ID:	02-169-04					
Client ID:	**TP2-2.0-021815**					
Lead	**400**	5.4	6010C	2-20-15	2-20-15	
Lab ID:	02-169-05					
Client ID:	**AA3-1.0-021815**					
Lead	**310**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-06					
Client ID:	**AA4-NE-0.5-021815**					
Lead	**340**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-07					
Client ID:	**TP2-N-1.0-021815**					
Lead	**1000**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-08					
Client ID:	**A4-NW-0.5-021815**					
Lead	**5.5**	5.2	6010C	2-20-15	2-20-15	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-169-09					
Client ID:	**AA3-E-0.5-021815**					
Lead	**440**	5.5	6010C	2-20-15	2-20-15	
Lab ID:	02-169-10					
Client ID:	**AA1-1.0-021815**					
Lead	**200**	5.1	6010C	2-20-15	2-20-15	
Lab ID:	02-169-11					
Client ID:	**AA2-1.5-021815**					
Lead	**1300**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-12					
Client ID:	**A2-1.0-021815**					
Lead	**1100**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-13					
Client ID:	**B-1.5-021815**					
Lead	**39**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-14					
Client ID:	**B-NW-0.75-021815**					
Lead	**320**	5.2	6010C	2-20-15	2-20-15	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-169-15					
Client ID:	**B-NE-1.5-021815**					
Lead	**77**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-16					
Client ID:	**B-SE-0.75-021815**					
Lead	**610**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-17					
Client ID:	**B-SW-0.75-021815**					
Lead	**240**	5.2	6010C	2-20-15	2-20-15	
Lab ID:	02-169-18					
Client ID:	**C-SE-0.5-021815**					
Lead	**710**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-19					
Client ID:	**A4-2.0-021815**					
Lead	**230**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-20					
Client ID:	**AA2-SE-2.0-021815**					
Lead	**380**	5.2	6010C	2-20-15	2-20-15	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-169-21					
Client ID:	**AA1-SE-2.0-021815**					
Lead	**470**	5.3	6010C	2-20-15	2-20-15	
Lab ID:	02-169-22					
Client ID:	**A3-NW-2.0-021815**					
Lead	**18**	5.6	6010C	2-20-15	2-20-15	
Lab ID:	02-169-25					
Client ID:	**A4-NW-2.0-021815**					
Lead	**23**	5.4	6010C	2-19-15	2-19-15	
Lab ID:	02-169-26					
Client ID:	**AA1-SW-2.0-021815**					
Lead	**240**	5.2	6010C	2-19-15	2-19-15	
Lab ID:	02-169-27					
Client ID:	**A1-NW-2.0-021815**					
Lead	**390**	5.1	6010C	2-19-15	2-19-15	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-19-15
Date Analyzed:	2-19-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0219SM2

Analyte	Method	Result	PQL
Lead	6010C	**ND**	5.0

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-20-15
Date Analyzed:	2-20-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0220SM1

Analyte	Method	Result	PQL
Lead	6010C	**ND**	5.0

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 2-19-15
Date Analyzed: 2-19-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-169-25

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**21.6**	**14.5**	39	5.0	C

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 2-20-15
Date Analyzed: 2-20-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-169-04

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**372**	**401**	8	5.0	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 2-19-15
Date Analyzed: 2-19-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-169-25

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**250**	91	**249**	91	0	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 2-20-15
Date Analyzed: 2-20-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-169-04

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**616**	98	**652**	112	6	

Date of Report: February 20, 2015
Samples Submitted: February 19, 2015
Laboratory Reference: 1502-169
Project: 1117-001

% MOISTURE

Date Analyzed: 2-19-15

Client ID	Lab ID	% Moisture
AA4-1.0-021815	02-169-03	7
TP2-2.0-021815	02-169-04	7
AA3-1.0-021815	02-169-05	5
AA4-NE-0.5-021815	02-169-06	5
TP2-N-1.0-021815	02-169-07	6
A4-NW-0.5-021815	02-169-08	4
AA3-E-0.5-021815	02-169-09	8
AA1-1.0-021815	02-169-10	3
AA2-1.5-021815	02-169-11	4
A2-1.0-021815	02-169-12	5
B-1.5-021815	02-169-13	3
B-NW-0.75-021815	02-169-14	4
B-NE-1.5-021815	02-169-15	5
B-SE-0.75-021815	02-169-16	4
B-SW-0.75-021815	02-169-17	3
C-SE-0.5-021815	02-169-18	6
A4-2.0-021815	02-169-19	6
AA2-SE-2.0-021815	02-169-20	4
AA1-SE-2.0-021815	02-169-21	5
A3-NW-2.0-021815	02-169-22	10
A4-NW-2.0-021815	02-169-25	7
AA1-SW-2.0-021815	02-169-26	4
A1-NW-2.0-021815	02-169-27	3

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Farallon
Project Number: 1117-001
Project Name: Sound Battery
Project Manager: Tad Cline
Sampled by: Ryan Ostrom, Andrew Vining

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 02-169

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead					%. Moisture
1	BZ-021715	2/17/15	1440	Air	1																	X					
2	SOUTHFENCE-021715	↓	1442	↓	1																	X					
3	AA4-1.0-021815	2/18/15	1020	S	1																	X					
4	TP2-2.0-021815		1026		1																	X					
5	AA3-1.0-021815		1028		1																	X					
6	AA4-NE-0.5-021815		1030		1																	X					
7	TP2-N-1.0-021815		1035		1																	X					
8	A4-NW-0.5-021815		1036		1																	X					
9	AA3-E-0.5-021815		1042		1																	X					
10	AA1-1.0-021815	↓	1155	↓	1																	X					

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Ryan Ostrom	Farallon	2/19/15	0750	
Received	PMCWalker	OSE	2.19.15	7:50A	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Farallon
Project Number: 1117-001
Project Name: Sound Battery
Project Manager: Tad Cline
Sampled by: Ryan Ostrom, Andrew Vining

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☐ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 02-169

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead					% Moisture
11	AA2-1.5-021815	2/18/15	1156	S	1																	X					X
12	A2-1.0-021815		1157		1																	X					
13	B-1.5-021815		1325		1																	X					
14	B-NW-0.75-021815		1326		1																	X					
15	B-NE-1.5-021815		1327		1																	X					
16	B-SE-0.75-021815		1328		1																	X					
17	B-SW-0.75-021815		1329		1																	X					
18	C-SE-0.5-021815		1337		1																	X					
19	A4-2.0-021815		1340		1																	X					
20	AA2-SE-2.0-021815	↓	1342	↓	1																	X					↓

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Ryan Ostrom	Farallon	2/19/15	0750	
Received	PMcKahan	OSE	2.19.15	7:50	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Farallon
Project Number: 1117-001
Project Name: Sound Battery
Project Manager: Tad Cline
Sampled by: Ryan Ostrom, Andrew Vining

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 02-169

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead					% Moisture
21	AA1-SE-2.0-021815	2/18/15	1345	S	1																	X					X
22	A3-NW-2.0-021815		1346	↓	1																	X					X
23	BZ-021815		1346	Air	1																	X					
24	SOUTHFENCE-021815		1347	↓	1																	X					
25	A4-NW-2.0-021815		1347	S	1																	X					X
26	AA1-SW-2.0-021815		1444		1																	X					X
27	A1-NW-2.0-021815	↓	1447	↓	1																	X					X
	RO																										

	Signature	Company	Date	Time
Relinquished	Ryan Ostrom	Farallon	2/18/15	0750
Received	PMcKalson	OSE	2.19.15	7:50
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 25, 2015

Tad Cline
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 1117-001
Laboratory Reference No. 1502-210

Dear Tad:

Enclosed are the analytical results and associated quality control data for samples submitted on February 24, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

Case Narrative

Samples were collected on February 24, 2015 and received by the laboratory on February 24, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Lead EPA 6010C Analysis

The duplicate RPD for Lead is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-210-01					
Client ID:	**C-E-1.5-022415**					
Lead	**93**	5.3	6010C	2-25-15	2-25-15	
Lab ID:	02-210-02					
Client ID:	**C-NE-1.5-022415**					
Lead	**300**	5.3	6010C	2-25-15	2-25-15	
Lab ID:	02-210-03					
Client ID:	**C-NW-1.5-022415**					
Lead	**ND**	5.4	6010C	2-25-15	2-25-15	
Lab ID:	02-210-04					
Client ID:	**C-1.5-022415**					
Lead	**19**	5.4	6010C	2-25-15	2-25-15	
Lab ID:	02-210-05					
Client ID:	**A2-1.5-022415**					
Lead	**92**	5.2	6010C	2-25-15	2-25-15	
Lab ID:	02-210-06					
Client ID:	**A1-2.5-022415**					
Lead	**2300**	5.2	6010C	2-25-15	2-25-15	

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-210-07					
Client ID:	**SP1-N-0.5-022415**					
Lead	**270**	5.3	6010C	2-25-15	2-25-15	
Lab ID:	02-210-08					
Client ID:	**SP1-C-0.5-022415**					
Lead	**120**	5.3	6010C	2-25-15	2-25-15	
Lab ID:	02-210-09					
Client ID:	**SP1-S-0.5-022415**					
Lead	**90**	5.2	6010C	2-25-15	2-25-15	
Lab ID:	02-210-10					
Client ID:	**AA2-2.0-022415**					
Lead	**45**	5.3	6010C	2-25-15	2-25-15	
Lab ID:	02-210-11					
Client ID:	**AA4--1.5-022415**					
Lead	**40**	5.2	6010C	2-25-15	2-25-15	
Lab ID:	02-210-12					
Client ID:	**AA4-N-1.5-022415**					
Lead	**110**	5.3	6010C	2-25-15	2-25-15	

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-210-13					
Client ID:	**TP1-NW-4.0-022415**					
Lead	**9.9**	5.4	6010C	2-25-15	2-25-15	
Lab ID:	02-210-14					
Client ID:	**TP1-6.5-022415**					
Lead	**1300**	5.8	6010C	2-25-15	2-25-15	
Lab ID:	02-210-15					
Client ID:	**TP2-NE-1.0-022415**					
Lead	**28**	5.4	6010C	2-25-15	2-25-15	

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-25-15
Date Analyzed:	2-25-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0225SM1

Analyte	Method	Result	PQL
Lead	6010C	**ND**	5.0

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 2-25-15
Date Analyzed: 2-25-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-210-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**87.5**	**68.4**	25	5.0	K

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 2-25-15
Date Analyzed: 2-25-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-210-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**361**	109	**394**	122	9	

Date of Report: February 25, 2015
Samples Submitted: February 24, 2015
Laboratory Reference: 1502-210
Project: 1117-001

% MOISTURE

Date Analyzed: 2-24-15

Client ID	Lab ID	% Moisture
C-E-1.5-022415	02-210-01	6
C-NE-1.5-022415	02-210-02	6
C-NW-1.5-022415	02-210-03	7
C-1.5-022415	02-210-04	7
A2-1.5-022415	02-210-05	4
A1-2.5-022415	02-210-06	3
SP1-N-0.5-022415	02-210-07	5
SP1-C-0.5-022415	02-210-08	5
SP1-S-0.5-022415	02-210-09	5
AA2-2.0-022415	02-210-10	6
AA4--1.5-022415	02-210-11	3
AA4-N-1.5-022415	02-210-12	6
TP1-NW-4.0-022415	02-210-13	7
TP1-6.5-022415	02-210-14	13
TP2-NE-1.0-022415	02-210-15	8

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 1117-001
Project Name: SOUND BATTERY
Project Manager: TAD CLINE
Sampled by: Ken Scott

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 02-210

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead					% Moisture
1	C-E-1.5-022415	2/24/15	945	S	1																	X					X
2	C-NE-1.5-022415		947	S	1																	X					
3	C-NW-1.5-022415		948	S	1																	X					
4	C-1.5-022415		952	S	1																	X					
5	A2-1.5-022415		1037	S	1																	X					
6	A1-2.5-022415		1040	S	1																	X					
7	SP1-N-0.5-022415		1110	S	1																	X					
8	SP1-C-0.5-022415		1115	S	1																	X					
9	SP1-S-0.5-022415		1120	S	1																	X					
10	AA2-2.0-022415	↓	1145	S	1																	X					

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	2/24/15	1545
Received			2/24/15	1545
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
RUN ALL SOIL SAMPLES ON 1-DAY TURN + CALL TAD CLINE, ANDREW VINING (w) VERBAL ANALYTICAL RESULTS ASAP. E-MAIL ABOVE + KEN SCOTT ANALYTICAL RESULTS

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: FARALLON
Project Number: 1117-001
Project Name: SOUND Battery
Project Manager: TAD CLINE
Sampled by: Ken Scott

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 02-210

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead					% Moisture
11	AA4-1.5-022415	2/24/15	1213	S	1																	X					10
12	AA4-N-1.5-022415		1225	S	1																	X					
13	TP1-NW-4.0-022415		1325	S	1																	X					
14	TP1-6.5-022415		1330	S	1																	X					
15	TP2-NE-1.0-022415		1345	S	1																	X					

KS

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Ken Scott	FARALLON	2/24/15	1545	See comments on page 1 COC.
Received		ONSITE	2/24/15	1545	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 2, 2015

Tad Cline
Farallon Consulting, LLC
Queen Anne Square East Bldg.
200 West Mercer Street, Suite 302
Seattle, WA 98119

Re: Analytical Data for Project 1117-001
Laboratory Reference No. 1502-251

Dear Tad:

Enclosed are the analytical results and associated quality control data for samples submitted on February 27, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

Case Narrative

Samples were collected on February 27, 2015 and received by the laboratory on February 27, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

TOTAL LEAD
EPA 6010C

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-251-01					
Client ID:	**A1-3.0-022715**					
Lead	**ND**	5.2	6010C	2-27-15	2-27-15	
Lab ID:	02-251-02					
Client ID:	**TP1-7.5-022715**					
Lead	**ND**	6.8	6010C	2-27-15	2-27-15	

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

TOTAL LEAD
EPA 6010C
METHOD BLANK QUALITY CONTROL

Date Extracted:	2-27-15
Date Analyzed:	2-27-15
Matrix:	Soil
Units:	mg/kg (ppm)
Lab ID:	MB0227SM2

Analyte	Method	Result	PQL
Lead	6010C	**ND**	5.0

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

TOTAL LEAD
EPA 6010C
DUPLICATE QUALITY CONTROL

Date Extracted: 2-27-15
Date Analyzed: 2-27-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-251-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	**ND**	**ND**	NA	5.0	

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

TOTAL LEAD
EPA 6010C
MS/MSD QUALITY CONTROL

Date Extracted: 2-27-15
Date Analyzed: 2-27-15

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-251-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	**227**	91	**228**	91	0	

Date of Report: March 2, 2015
Samples Submitted: February 27, 2015
Laboratory Reference: 1502-251
Project: 1117-001

% MOISTURE

Date Analyzed: 2-27-15

Client ID	Lab ID	% Moisture
A1-3.0-022715	02-251-01	4
TP1-7.5-022715	02-251-02	27

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 02-251

Company: FARALLON
Project Number: 1117-001
Project Name: SOUND BATTERY
Project Manager: TAD CLINE
Sampled by: Ken Scott

Turnaround Request (in working days)
(Check One)
☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total Lead						% Moisture
1	A1-3.0-022715	2/27/15	0835	S	1																	X						16
2	TP1-7.5-022715	↓	0947	S	1																	X						16

25

	Signature	Company	Date	Time
Relinquished	Ken Scott	FARALLON	2/27/15	1255
Received		ONE	2/27/15	1255
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
RUN SAMPLES ON 1-DAY TURN + CALL TAD CLINE, ANDREW VINING @ VERBAL ANALYTICAL RESULTS ON MONDAY! E-MAIL KEN SCOTT ANALYTICAL RESULTS.

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

APPENDIX C
WASTE DISPOSAL DOCUMENTATION

CLOSURE REPORT
Sound Battery Property
2310 East 11th Street
Tacoma, Washington

Farallon PN: 1117-001

WASTE MANAGEMENT

EZ Profile™

Requested Facility: Chemical Waste Management (Hazardous Waste Facility) ☐ Unsure Profile Number: OR324297
☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☑ Renewal? Original Profile Number: OR324297

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Sound Battery
2. Site Address: 2310 East 11th Street
   (City, State, ZIP) Tacoma WA 98421
3. County:
4. Contact Name: Marvin Dykman
5. Email:
6. Phone: (253) 446-0322 7. Fax:
8. Generator EPA ID: ☑ N/A
9. State ID: Voluntary cleanup Program ID # NW2849 ☐ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: Saybr Contractors, Inc.
2. Billing Address: 3852 South 66th Street
   (City, State, ZIP) Tacoma WA 98409
3. Contact Name: Eric Martin
4. Email: emartin@saybr.com
5. Phone: (253) 531-2144 x102 6. Fax:
7. WM Hauled? ☑ Yes ☐ No
8. P.O. Number:
9. Payment Method: ☐ Credit Account ☐ Cash ☐ Credit Card

C. MATERIAL INFORMATION

1. Common Name: Lead impacted soil
   Describe Process Generating Material: ☐ See Attached

Excavation of lead contaminated soil in conjunction with cleanup action at the Sound Battery.

2. Material Composition and Contaminants: ☑ See Attached

1. Soil	100 %
2. Lead	230-470
3. Chromium	9.4-17
4. Zinc	21-75
Total composition must be equal to or greater than 100%	≥100%

3. State Waste Codes: ☐ N/A
4. Color: Brown-gray
5. Physical State at 70˚F: ☑ Solid ☐ Liquid ☐ Other:
6. Free Liquid Range Percentage: to ☑ N/A
7. pH: to ☑ N/A
8. Strong Odor: ☐ Yes ☐ No Describe:
9. Flash Point: ☐ <140˚F ☐ 140˚–199˚F ☐ ≥200˚ ☐ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☑ Yes* ☐ No
   Code: D008
2. State Hazardous Waste? ☐ Yes ☐ No
   Code:
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☐ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☐ No
5. From an industry regulated under Benzene NESHAP? ☐ Yes* ☐ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☐ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☐ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☐ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☐ No
   a. Regulated by 40 CFR 761? ☐ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
   c. Were PCB imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☐ No
11. Contains Asbestos? ☐ Yes ☐ No
    → If Yes: ☐ Non-Friable ☐ Non-Friable – Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☑ Yes
   Please identify applicable samples and/or lab reports:

1208-024; Samples B1-1.0 and B3-1.0

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 500
   ☑ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other:
3. Container Type and Size:
4. USDOT Proper Shipping Name: ☐ N/A

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Andrew Vining Date: 02/11/2015
Title: Project Engineer
Company: Farallon Consulting LLC

Certification Signature

Hazardous WAM Approval

Requested Management Facility: Chemical Waste Management (Hazardous Waste Facility)

Profile Number: OR324297 Waste Approval Expiration Date: 02/11/2016

APPROVAL DETAILS

Hazardous Classification: RCRA Hazardous Profile Renewal: ☑ Yes ☐ No

Management Method: Stabilization

Generator Name: Sound Battery

Material Name: STAB04 Lead impacted soil

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

Generator Conditions

- Please indicate on the manifest if CD is required.
- Signed RCRA Soil LDR Form Box A.1 required.
- Must be scheduled (call 541-454-3220)
- UHC cert required
- Waste cannot be subject to Subpart CC controls
- Must meet applicable OSHA, DOT packaging, labeling, shipping and manifesting requirements per 49 CFR

Facility Conditions

- Please indicate on the manifest if CD is required.
- Signed RCRA Soil LDR Form Box A.1 required.
- Must be scheduled (call 541-454-3220)
- UHC cert required
- Waste cannot be subject to Subpart CC controls
- Must meet applicable OSHA, DOT packaging, labeling, shipping and manifesting requirements per 49 CFR

WM Authorization Name: Kristin Castner Title: Waste Approval Manager

WM Authorization Signature: Date: 02/11/2015

Agency Authorization (if Required): Date:

EZ Profile™ Addendum

Only complete this Addendum if prompted by responses on EZ Profile™ (page 1) or to provide additional information. Sections and question numbers correspond to EZ Profile™.

Profile Number: OR324297

C. MATERIAL INFORMATION

Describe Process Generating Material (Continued from page 1): If more space is needed, please attach additional pages.

Material Composition and Contaminants (Continued from page 1): If more space is needed, please attach additional pages.

5.	
6.	
7.	
8.	
9.	
Total composition must be equal to or greater than 100%	≥100%

D. REGULATORY INFORMATION

Only questions with a "Yes" response in Section D on the EZ Profile™ form (page 1) need to be answered here.

1. EPA Hazardous Waste
   a. Please list all USEPA listed and characteristic waste code numbers:

   b. Is the material subject to the Alternative Debris standards (40 CFR 268.45)? ☐ Yes ☐ No
   c. Is the material subject to the Alternative Soil standards (40 CFR 268.49)? → If Yes, complete question 4. ☑ Yes ☐ No
   d. Is the material exempt from Subpart CC Controls (40 CFR 264.1083)? ☑ Yes ☐ No
   → If Yes, please check **one** of the following:
   ☑ Waste meets LDR or treatment exemptions for organics (40 CFR 264.1082(c)(2) or (c)(4))
   ☐ Waste contains VOCs that average <500 ppmw (CFR 264.1082(c)(1)) – will require annual update.
2. State Hazardous Waste → Please list all state waste codes: _____
3. For material that is Treated, Delisted, or Excluded → Please indicate the category, below:
   ☐ Delisted Hazardous Waste ☐ Excluded Waste under 40 CFR 261.4 → Specify Exclusion: _____
   ☐ Treated Hazardous Waste Debris ☐ Treated Characteristic Hazardous Waste → If checked, complete question 4.
4. Underlying Hazardous Constituents → Please list all Underlying Hazardous Constituents:

5. Industries regulated under Benzene NESHAP include petroleum refineries, chemical manufacturing plants, coke by-product recovery plants, and TSDFs.
   a. Are you a TSDF? → If yes, please complete Benzene NESHAP questionnaire. If not, continue. ☐ Yes ☐ No
   b. Does this material contain benzene? ☐ Yes ☐ No
      1. If yes, what is the flow weighted average concentration? _____ ppmw
   c. What is your facility's current total annual benzene quantity in Megagrams? ☐ <1 Mg ☐ 1–9.99 Mg ☐ ≥10 Mg
   d. Is this waste soil from a remediation? ☐ Yes ☐ No
      1. If yes, what is the benzene concentration in remediation waste? _____ ppmw
   e. Does the waste contain >10% water/moisture? ☐ Yes ☐ No
   f. Has material been treated to remove 99% of the benzene or to achieve <10 ppmw? ☐ Yes ☐ No
   g. Is material exempt from controls in accordance with 40 CFR 61.342? ☐ Yes ☐ No
   → If yes, specify exemption: _____
   h. Based on your knowledge of your waste and the BWON regulations, do you believe that this waste stream is subject to treatment and control requirements at an off-site TSDF? ☐ Yes ☐ No
6. 40 CFR 63 GGGGG → Does the material contain <500 ppmw VOHAPs at the point of determination? ☐ Yes ☐ No
7. CERCLA or State-Mandated clean up → Please submit the Record of Decision or other documentation with process information to assist others in the evaluation for proper disposal. A "Determination of Acceptability" may be needed for CERCLA wastes not going to a CERCLA approved facility.
8. NRC or state regulated radioactive or NORM Waste → Please identify Isotopes and pCi/g: _____

Revised September 12, 2014

152 Q-, Q-Q

4390098

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044	1	(800)424-9300	013468689 JJK

5. Generator's Name and Mailing Address

SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

R TRANSPORT INC — WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643

ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	55,000 ~~45,500~~	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171

50640P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Marvin Dykman	Marvin Dykman	2	13	15

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17 Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Mark Ehrler		2	3	15
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

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

Printed/Typed Name	Signature	Month	Day	Year
Tina Weiser		3	3	15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

51

439097

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044		(800)424-9300	013468692 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
R TRANSPORT INC

U.S. EPA ID Number
WAH000028338

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2843

U.S. EPA ID Number
ORD089452353

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	60od	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324287: LEAD IMPACTED SOILS - CLEANUP; ERG# 171

55080 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN | Signature: Marvin Dykman | Month: 12 | Day: 13 | Year: 15

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TYE Lee | Signature | Month: 3 | Day: 13 | Year: 15

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

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

Printed/Typed Name: Tina Weiser | Signature: Tina Weiser | Month: 3 | Day: 3 | Year: 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 438869 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044	1	(800)424-9300	013468702 JJK

5. Generator's Name and Mailing Address: SOUND BATTERY, 2310 EAST 11TH STREET, TACOMA WA 98421
Generator's Phone: (253)446-0322
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: CHEMICAL WASTE MANAGEMENT, INC., 17629 CEDAR SPRINGS LANE, ARLINGTON OR 97812-9709 — U.S. EPA ID Number: ORD089452353
Facility's Phone: (541)454-2843

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	62.000	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171
63660 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month 12 Day 13 Year 15

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TYE LEE — Signature: — Month 12 Day 18 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tina Weiser — Signature: — Month 12 Day 18 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CWMI

4388876

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044	1	(800)424-9300	013468703 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)4d6-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643 — U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	62500	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171
65060 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month 12 Day 23 Year 15

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shane Hinsley — Signature — Month 12 Day 18 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tina Weiser — Signature — Month 12 Day 18 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

438876

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044	1	(800)424-9300	013468704 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	65,500	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171

63180 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month: 12 Day: 13 Year: 15

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gary Jensen — Signature: Gary Jen — Month: 12 Day: 18 Year: 15

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

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

Printed/Typed Name: Tina Weiser — Signature: Tina Weiser — Month: 12 Day: 19 Year: 15

19

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CWMI

438975

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044		(800)424-9300	013468705 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	40,000	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171
61220 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month 12 Day 13 Year 15

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Mark Ehmler — Signature: Mark Ehmler — Month 12 Day 24 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.
Printed/Typed Name: Tina Weiser — Signature: Tina Weiser — Month 12 Day 24 Year 15

GENERATOR — TRANSPORTER INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CWMI

4389976

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044		(800)424-9300	013468706 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643 — U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	62,000	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297; LEAD IMPACTED SOILS - CLEANUP; ERG# 171
64560 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month 12 Day 23 Year 05

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: C. Ben Carroll — Signature: C. B. Carroll — Month 12 Day 24 Year 05
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tina Wieser — Signature: Tina Wieser — Month 12 Day 24 Year 05

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

4390553

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAH000004044	1	(800)424-9300	013468707 JJK

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2643 — U.S. EPA ID Number: ORD089452353

	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
GENERATOR	X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	63,000	P	D008
		2.					
		3.					
		4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171

59920 P

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month 12 Day 13 Year 15

INTL
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tyf Lee — Signature: — Month 12 Day 27 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tina Weiser — Signature: Tina Weiser — Month 12 Day 27 Year 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

4390052

CWMI

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAH000004044		(800)424-9300	013468708 JJK

GENERATOR

5. Generator's Name and Mailing Address
SOUND BATTERY
2310 EAST 11TH STREET
TACOMA WA 98421
Generator's Phone: (253)446-0322

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R TRANSPORT INC — U.S. EPA ID Number: WAH000028338

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
17629 CEDAR SPRINGS LANE
ARLINGTON OR 97812-9709
Facility's Phone: (541)454-2843 — U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, III LEAD IMPACTED SOILS - CLEANUP	1	DT	62,000	P	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. OR324297: LEAD IMPACTED SOILS - CLEANUP; ERG# 171
63760P

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARVIN DYKMAN — Signature: Marvin Dykman — Month/Day/Year: 12/13/15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: L. Ben Carroll — Signature: L. Ben Carroll — Month/Day/Year: 12/27/15

Transporter 2 Printed/Typed Name — Signature — Month/Day/Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month/Day/Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

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

Printed/Typed Name: Tina Weiser — Signature: Tina Weiser — Month/Day/Year: 12/27/15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

WASTE MANAGEMENT

May 28, 2015

Sound Battery
2310 E. 11th Street
Tacoma, Washington

CERTIFICATE OF DISPOSAL

Waste Management, Inc. dba Chemical Waste Management of the NW has received hazardous lead contaminated soils from Sound Battery, for stabilization and disposal at Chemical Waste Management of the NW.

Dates of Disposed:	**2/18-3/3/2015**
Profile #:	**OR324297**
Total Pounds:	**554,000**
Waste Type:	**Hazardous Lead Contaminated Soil**

I certify, on behalf of the above listed facility, that the above-described waste was managed in compliance with all applicable laws.

K. Castner

Kristin Castner
Waste Management
Waste Approvals Manager – PNW

BR-4125

Regional Disposal
WASTE SHIPMENT RECORD

Container # TR 4u 90/512

GENERATOR

1. Waste Generated Site Name and Address: Sound Battery, 2310 E. 11th St Tacoma, Wa 98421 | Owner's Name: Farralon Consulting, LLC | Owner's Phone No.: 0

2. Operator's Name and Address: Rhine Demolition, LLC, 1124 112th St. East, Tacoma, Wa 98445 | Operator's Phone No.: 253-537-5852

3. Waste Disposal Site (WDS) Name, Address, and Physical Site Location: **Regional Disposal Co.**, 500 Roosevelt Grade Rd., Roosevelt, WA 99356 | WDS Phone No.: 1-800-275-5641

4. Responsible Local, State or EPA Agency Name and Address: Puget Sound Clean Air Agency, 1904 third Ave, STE 105, Seattle, Wa 98101 — **P.S. Clean Air**, 1904 Third Ave., Suite 105, Seattle, WA 98101

5. Description of Waste Materials:	6. Containers No.	Type	7. Total Quantity m^3	(yd^3)
Asbestos Abatement.	1	Bag		
Asbestos Containing Materials	1	Drum		

8. Special Handling Instructions and Additional Information: DOUBLE BAGGED & LABELED

9. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/Typed Name	Signature	Month	Day	Year
Trevor Bennett	Trevor Bennett	2	9	15

TRANSPORTER WASTE SITE

10. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rhine Demolition, LLC, 1124 112th St. E, Tacoma, Wa 98445 253-537-5852	Randy Rhine	2	18	15

11. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rabanco Transfer, 2733 3rd Ave. S., Seattle, WA 98101 206-652-8865		2	18	15

12. Discrepancy Indication Space: **Waste Disposal RRLC**

13. Authorized Waste Disposal Site Owner or Operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 12

Printed/Typed Name	Signature	Month	Day	Year
Vicky Read, TRUX Coordinator	Vicky Read	2	18	15

WHITE: Return to Operator — YELLOW: Waste Site — PINK: Transporter — WHITE: Operator

Regional Disposal
WASTE SHIPMENT RECORD

Container # TR4901512

GENERATOR

1. Waste Generated Site Name and Address: Sound Battery, 2310 E. 11th St., Tacoma, Wa 98421 | Owner's Name: | Owner's Phone No.:

2. Operator's Name and Address: Rhine Demolition, LLC, 1124 112th St. E, Tacoma, Wa 98445 | Operator's Phone No.: 253-537-5852

3. Waste Disposal Site (WDS) Name, Address, and Physical Site Location: **Regional Disposal Co.**, 500 Roosevelt Grade Rd., Roosevelt, WA 99356 | WDS Phone No.: 1-800-275-5641

4. Responsible Local, State or EPA Agency Name and Address: **P.S. Clean Air**, 1904 Third Ave., Suite 105, Seattle, WA 98101

5. Description of Waste Materials:	6. Containers No.	Type	7. Total Quantity m^3	(yd^3)
Asbestos Abatement	5	Bags		
Asbestos Containing Materials				

8. Special Handling Instructions and Additional Information: DOUBLE BAGGED & LABELED

9. **OPERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Printed/Typed Name	Signature	Month	Day	Year
Trevor Bennett	Trevor Bennett	2	10	15

TRANSPORTER WASTE SITE

10. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Gordy George	Gordy George	2	18	15

11. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Rabanco Transfer, 2733 3rd Ave. S., Seattle, WA 98101 206-652-8865				

12. Discrepancy Indication Space: **Waste Disposal RRLC**

13. Authorized Waste Disposal Site Owner or Operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item 12

Printed/Typed Name	Signature	Month	Day	Year
Vicky Read, TRUX Coordinator	Vicky Read	3	3	15

WHITE: Return to Operator YELLOW: Waste Site PINK: Transporter WHITE: Operator

CORKWKHIN - 047

PO BOX 94291
SEATTLE, WA 98124
(206) 343-1247
(206) 343-7445 FAX
EPA ID# WAH OOO O26 371

BILL OF LADING

№ 17533

WO# _____

❒ ALASKA
EPA ID # AKR 000 201 897
❒ OREGON
EPA ID # ORQ 000 026 789
❒ WASHINGTON - ECOLIGHTS
EPA ID # WAH 000 026 371
❒ WASHINGTON - TOTAL RECLAIM
EPA ID # WAD 009 482 803

GENERATOR OF WASTE:

Name: Former Sound Battery
Address: 2310 E 11th ST
City/State/Zip: Tacoma 98421
EPA I.D. #: _____
Contact: _____
Phone: _____

BILLING INFORMATION:

Name: Rhine Construction
Address: 1124 112th St E
City/State/Zip: Tacoma, WA 98445
Contact: _____
Phone: _____
PO #: 4026

I certify that the material described below was properly identified and prepared for transportation in accordance with all rules and regulations of the federal, state and local governments in whose jurisdictions the materials originated, passed through, or are recycled in.

Generator Signature	Print Name	Month	Day	Year
X	X			

I certify that the material described below was tendered to me for transport in accordance with all rules and regulations.

Transporter Signature	Company	Month	Day	Year
	TNT	2	13	15

MATERIAL	AMOUNT RECEIVED	AMOUNT PROCESSED	UNIT PRICE	EXTENDED PRICE	INITIALS
STRAIGHT LAMPS					
CIRCULAR/U-SHAPED					
COMPACTS (CFLS)					
CRUSHED LAMPS *					
ACCIDENTLY BROKEN LAMPS					
HID LAMPS					
FIXTURES					
OTHER:					
BATTERIES					
NON-PCB BALLASTS					
PCB BALLASTS (NOT AK) *	200#	90kg	.90¢		
OFF SPEC FEE / LABOR					
TRANSPORTATION					

Notes: (1) 30G PCBs TD20690 NO 32434 1205 4245

*MANIFEST # 011677833 JOK

❒ CASH ❒ CREDIT CARD ❒ ON ACCOUNT TOTAL $_____ ❒ PAID _____ INITIALS

I certify that the material described above was received and consolidated for shipment to EcoLights Northwest for recycling on the date indicated.

Signature of Authorized Agent	Print Name	Company	Date Received Month	Day	Year

CERTIFICATE OF RECYCLING

By accepting the waste described above, EcoLights certifies to the waste generator that the transportation, storage and processing methods employed are in accordance with all applicable federal, state and local laws.

Signature of Authorized Agent Ecolights Northwest, LLC Total Reclaim, Inc.	Print Name	Date Received Month	Day	Year
	Robert Francisco	2	17	15

WHITE & YELLOW - BILLING PINK - CONSOLIDATOR GOLDENROD - CUSTOMER 07/2010

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-003

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
40CFRPART761	1	1-800-424-9300	011677833 JJK

GENERATOR

5. Generator's Name and Mailing Address
FARALLON CONSULTING, LLC
975 5TH AVE NW
ISSAQUAH, WA 98027
Generator's Phone: 1-800-424-9300

Generator's Site Address (if different than mailing address)
FORMER SOUND BATTERY
2310 EAST 11TH STREET
TACOMA, WA 98421
LARRY SCHIEFELBEIN (253) 405-4597

6. Transporter 1 Company Name
TOTAL RECLAIM, INC.
U.S. EPA ID Number: WAD009482803

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
ECOLIGHTS NORTHWEST, LLC
1915 S. CORGIAT DRIVE
SEATTLE, WA 98108
Facility's Phone: (206) 767-7142
U.S. EPA ID Number: WAH000026371

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGII (PCB CONTAINING LAMP BALLASTS)		DM	90	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
*SEE LINE 3:CHEMTREC CUSTOMER #: CCN671462
TAKEN OUT OF SERVICE DATE: 02/09/2015
ERG#171 Wear appropriate PPE when handling

CONTRACTOR: RHINE DEMOLITION
1124 112TH ST. E
TACOMA, WA 98445

15. **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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: L. Schiefelbein — Signature: L. Schiefelbein — Month: 12 Day: 13 Year: 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: WILLARD MARSHALL — Signature: [signature] — Month: 12 Day: 13 Year: 15
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141-STORAGE, BULK TRANSFER OFF-SITE			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Signature: Robert Francisco — Month: 12 Day: 17 Year: 15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIR

PO BOX 94291
SEATTLE, WA 98124
(206) 343-1247
(206) 343-7445 FAX
EPA ID# WAH OOO O26 371

BILL OF LADING

№ 17035

WO# ____________________

- ❒ ALASKA EPA ID # AKR 000 201 897
- ❒ OREGON EPA ID # ORQ 000 026 789
- ❒ WASHINGTON - ECOLIGHTS EPA ID # WAH 000 026 371
- ❒ WASHINGTON - TOTAL RECLAIM EPA ID # WAD 009 482 803

GENERATOR OF WASTE:

Name: Sound Battery / Geoffrey [illegible]
Address: ~~1126~~ 2316 11th St East
City/State/Zip:
EPA I.D. #:
Contact:
Phone:

BILLING INFORMATION:

Name: Rhine Demolition LLC
Address: 1124 112th St E
City/State/Zip: Tacoma, WA 98445
Contact: Todd Larson 253-[illegible]
Phone:
PO #: Sound Battery 4026

I certify that the material described below was properly identified and prepared for transportation in accordance with all rules and regulations of the federal, state and local governments in whose jurisdictions the materials originated, passed through, or are recycled in.

Generator Signature	Print Name	Month	Day	Year
[signature]	Geoffrey [illegible]	2	11	15

I certify that the material described below was tendered to me for transport in accordance with all rules and regulations.

Transporter Signature	Company	Month	Day	Year
[signature]	Rhine Demolition	2	5	15

MATERIAL	AMOUNT RECEIVED	AMOUNT PROCESSED	UNIT PRICE	EXTENDED PRICE	INITIALS
STRAIGHT LAMPS	5459 #				
CIRCULAR/U-SHAPED					
COMPACTS (CFLS)					
CRUSHED LAMPS *					
ACCIDENTLY BROKEN LAMPS					
HID LAMPS					
FIXTURES					
OTHER:					
BATTERIES					
NON-PCB BALLASTS					
PCB BALLASTS (NOT AK) *					
OFF SPEC FEE / LABOR					
TRANSPORTATION					

Notes: (4) 4x4' Drums

***MANIFEST #** ____________________

❒ CASH ❒ CREDIT CARD ☒ ON ACCOUNT TOTAL $____________ ❒ PAID ________ INITIALS

I certify that the material described above was received and consolidated for shipment to EcoLights Northwest for recycling on the date indicated.

Signature of Authorized Agent	Print Name	Company	Date Received Month	Day	Year

CERTIFICATE OF RECYCLING

By accepting the waste described above, EcoLights certifies to the waste generator that the transportation, storage and processing methods employed are in accordance with all applicable federal, state and local laws.

Signature of Authorized Agent Ecolights Northwest, LLC Total Reclaim, Inc.	Print Name	Date Received Month	Day	Year
[signature]	[signature]	2	11	15