SoundEarth Strategies, Inc.
1011 SW Klickitat Way, Suite 212
Seattle, Washington 98134

CONSTRUCTION COMPLETION REPORT

Property:
North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Prepared for:
Seattle City Light
700 5th Avenue, Suite 3200
Seattle, Washington

Report Date:
July 3, 2024

Construction Completion Report

Prepared for:

Seattle City Light
700 5th Avenue, Suite 3200
Seattle, Washington 98124

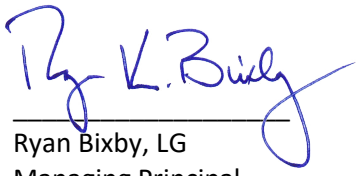
North Substation Property
7500 8th Avenue Northeast
Seattle, Washington 98126

Project No.: 1267-004

Prepared by:

Clare Tochilin, LG
Senior Geologist

Reviewed by:



Ryan Bixby, LG
Managing Principal

July 3, 2024

TABLE OF CONTENTS

FIGURES

TABLE

TABLE OF CONTENTS (CONTINUED)

APPENDICES

ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
EPA	US Environmental Protection Agency
MTCA	Washington State Model Toxics Control Act
Property	the North Substation Property located at 7500 8th Avenue Northeast in Seattle, Washington
QA/QC	quality assurance/quality control
ROW	right-of-way
SCL	Seattle City Light
SoundEarth	SoundEarth Strategies, Inc.
TCLP	Toxicity Characteristic Leaching Procedure
Titan	Titan Earthwork, LLC of Pacific, Washington

1.0 INTRODUCTION

SoundEarth Strategies, Inc. (SoundEarth) has prepared this Construction Completion Report for Seattle City Light (SCL) to document remedial action activities conducted at the North Substation property located at 7500 8th Avenue Northeast in Seattle, Washington (the Property; Figure 1). The remedial action activities included removing contaminated soil from landscaped areas along the western and southern Property boundaries. The remedial action also included determining whether the remaining underlying soil is compliant with Washington State Model Toxics Control Act (MTCA) cleanup levels.

2.0 PROPERTY DESCRIPTION

The Property is located in a residential area of Seattle, Washington, and is bordered by residential properties to the north and northeast, 9th Avenue Northeast to the southeast, Northeast 75th Street to the south, and 8th Avenue Northeast to the west. The Property consists of one nearly rectangular tax parcel (King County Parcel No. 0525049003) that covers approximately 201,327 square feet (4.62 acres) of land. The Property is currently occupied by an active SCL substation.

The majority of the Property is currently occupied by transformers and other electrical equipment and is surrounded by a chain link fence and/or concrete walls. Three substation buildings are located on the southern and southeastern portions of the Property. The northern portion of the Property is occupied by a vegetated slope situated between the substation equipment and the neighboring residential properties to the north. Landscaped areas are present along the western, southern, and southeastern Property boundaries; all or portions of the landscaped areas are situated within the 8th Avenue Northeast and Northeast 75th Street rights-of-way (ROWs) on the western and southern sides of the Property, respectively. The Property is a large and well-established substation with prominent and valuable landscaping that has been carefully designed and maintained for decades by SCL landscaping professionals and vegetation management teams to fit the aesthetic of the neighborhood. Property features are shown on Figure 2.

The remedial action described in this Construction Completion Report is limited to the following areas (Figures 2 through 5):

- The landscaped areas located in the 8th Avenue Northeast ROW along the western side of the Property (herein referred to as Areas 1, 2, 3, and 4)
- The landscaped area located in the Northeast 75th Street ROW along the southern side of the Property (herein referred to as Area 5)
- The on-Property grass-covered area located near the southwestern corner of the Property (herein referred to as Area 6B)
- A limited portion of the on-Property landscaped area situated directly east of the building entrance on the southern side of the Property (herein referred to as Area 7A)

To mitigate the exposure risk associated with remaining contaminated soil in other areas of the Property and adjoining ROWs while maintaining the valuable landscaping present within these areas, engineering controls are planned to be implemented throughout the impacted areas where remedial excavation was not feasible. Details regarding the implementation of the engineering controls are not included in this Construction Completion Report and will be detailed in a separate document following implementation.

3.0 PREVIOUS INVESTIGATIONS

SoundEarth previously conducted soil investigations in landscaped areas around the Property, including on-Property areas and the sidewalk planter areas in the 8th Avenue Northeast and Northeast 75th Street ROWs between 2017 and 2024. Additionally, SoundEarth conducted a cost-benefit analysis in 2022 to compare two remedial alternatives (remedial excavation versus engineering controls with partial remedial excavation) and to evaluate their relative feasibility and cost-effectiveness for implementation at the Property. The findings of the soil investigations and cost-benefit analysis are summarized in the following sections.

3.1 MAY 2017 NEAR-SURFACE SOIL INVESTIGATION

On May 18, 2017, SoundEarth conducted a near-surface soil investigation to assess the concentrations of metals, petroleum hydrocarbons, pesticides, and herbicides in 11 designated areas at the Property (Areas 1 through 11). The near-surface soil investigation consisted of collecting 33 soil samples at depths of 0 to 6 inches below ground surface (bgs) from each of the 11 areas (3 discrete samples per area) located along the western, southern, and southeastern Property boundaries, as shown on Figures 2 and 3.

Dieldrin was detected at concentrations exceeding the applicable MTCA Method B cleanup level in at least one discrete soil sample collected from each of the Areas 1 through 10. Lead was detected at concentrations exceeding the MTCA Method A cleanup level in soil samples collected from Area 2, located along the western Property boundary, and Areas 5 and 7, located along the southern Property boundary. Petroleum hydrocarbons, herbicides, other pesticides, and metals were not detected at concentrations exceeding applicable MTCA cleanup levels in any of the composite or discrete near-surface soil samples.

Results of this investigation were presented in the Interim Environmental Characterization Report prepared by SoundEarth dated August 24, 2017, which is included in Appendix A.

3.2 SEPTEMBER 2017 HAND AUGER SOIL INVESTIGATION

On September 12, 2017, SoundEarth conducted a hand auger soil investigation to further assess the depth of dieldrin and lead contamination in sampling Areas 1 through 10 at the Property. The investigation consisted of advancing 11 hand auger borings to a maximum depth of 4 feet bgs, as shown on Figure 4.

Dieldrin was not detected at concentrations exceeding the MTCA Method B cleanup level in any of the discrete hand auger samples collected from Areas 2 through 4, 6, or 10 at depths of 1 and 2 feet bgs, indicating that the impacts observed in these areas during near-surface soil sampling appeared to be limited to the upper 1 foot of soil. Dieldrin was detected at concentrations exceeding the cleanup level in samples collected at a depth of 1 to 1.5 feet bgs from Areas 1, 5, and 8, located along the northwestern and southern Property boundaries, but was not detected in the samples collected at a depth of 2 feet bgs, indicating that impacts in these areas appeared to be limited to the upper 2 feet of soil. The deepest dieldrin impacts appeared to be present in Area 7, along the southwestern Property boundary, where dieldrin concentrations exceeding the cleanup level extended to a depth of at least 2 feet bgs but did not extend below 3 feet bgs.

The depth of dieldrin impacts in Area 9, located at the southeastern corner of the Property, could not be fully evaluated due to tree roots and rocky conditions encountered at a depth of 1 foot bgs in the attempted hand auger borings. Based on the concentration of 1,200 micrograms per kilogram detected in the sample collected at a depth of 1 foot bgs in this area, which was the highest dieldrin concentration

detected during the hand auger investigation, it is likely that dieldrin impacts extend to a depth of more than 1 foot in this area.

Lead impacts in soil at the Property appeared to be more limited in extent. In Areas 2 and 5, lead was detected at concentrations exceeding the MTCA Method A cleanup level in near-surface soil samples; however, lead was not detected at concentrations exceeding the cleanup level in the samples collected from a depth of 1 foot bgs, indicating that lead impacts in these areas appeared to be limited to the upper 1 foot of soil. On the eastern portion of Area 7, lead concentrations exceeding the cleanup level extended to a maximum depth of 1.5 feet bgs, indicating that lead impacts in this area appeared to be limited to the upper 2 feet of soil.

Results of this investigation were presented in the Supplemental Environmental Characterization Report and Remedial Work Plan prepared by SoundEarth dated December 5, 2017, which is included in Appendix A.

3.3 JUNE 2022 COST-BENEFIT ANALYSIS

In 2022, SoundEarth conducted a cost-benefit analysis for the Property to evaluate potential remedial excavation and restoration activities associated with the removal of dieldrin- and lead-contaminated soil compared to the implementation of engineering controls that would be required to prevent direct contact with the contaminated soil, if left in place, for anticipated use scenarios (e.g., worker, visitor) and maintain compliance with applicable state, county, and/or local regulations. Based on the findings of the cost-benefit analysis, the added cost to implement a full remedial excavation alternative, including the removal and replacement of existing landscaping features, was found to be disproportionate to the benefits of implementing engineering controls to prevent direct contact with the remaining impacted soils located on Property, thereby allowing for the preservation of the valuable landscapes currently present at the Property.

Based on the findings of the cost-benefit analysis and evaluation of the portions of the landscaped areas where remedial excavation activities could be conducted without significant disturbance of the existing landscaping features, it was determined that full removal of contaminated soil would be conducted in Areas 1 through 5 and 6B, as described in subsequent sections of this report. Additionally, it was determined that contaminated soil would be excavated to a depth of 1 foot bgs and capped with clean material on a limited portion of Area 7A to facilitate the future implementation of engineering controls in this area. Each of these areas were generally characterized by minimal vegetation, with the exception of grass and eight Japanese maple trees that provided relatively few benefits to the Property and neighboring properties and that could be more easily and cost-effectively replaced. SoundEarth recommended the implementation of engineering controls in the areas where landscaping should be preserved, including capping exposed contaminated soil with additional mulch and/or groundcover vegetation and installing low-profile fencing and signage to limit access to areas with known soil contamination. The engineering controls will be detailed in a separate document following implementation.

3.4 JUNE 2023 ADA RAMP SOIL INVESTIGATION

On June 27, 2023, SoundEarth conducted an investigation of near-surface soil conditions within and outside of the curve radius of the ADA ramp at the southern end of Area 4 to evaluate the southern extent of dieldrin impacts to soil in Area 4. Soil samples were collected at depths of 0.5 and 1 foot bgs from two hand auger borings advanced approximately 1 foot north and 3 feet south of the edge of the curve radius

(hand auger borings HA2 and HA3, respectively; Figure 4). Dieldrin was not detected at concentrations above the laboratory reporting limit in any of the analyzed soil samples collected within and outside of the curve radius. Based on these results, it was determined that soil within the curve radius of the ADA ramp did not require remedial excavation and could remain in place, avoiding potential damage to the ADA ramp. The laboratory analytical report for the ADA ramp area hand auger soil samples is included in Appendix B.

3.5 2024 ADDITIONAL SOIL CHARACTERIZATION SAMPLING

To further characterize soil at the Property for disposal during future remediation activities, SoundEarth conducted additional soil sampling on March 1, 2024. This sampling event included the collection of a discrete soil sample at a depth of approximately 6 inches bgs from Area 7A to further evaluate total and Toxicity Characteristic Leaching Procedure (TCLP) lead concentrations on the portion of this area planned for limited remedial excavation. During the 2017 investigation, total lead was detected in a hand auger soil sample collected from Area 7 at a concentration that exceeded the TCLP limit for dangerous waste by at least 20 times. Based on "The Rule of 20," samples that contain a total concentration of a contaminant that is more than 20 times the TCLP limit have the potential to generate leachate with contaminant concentrations that exceed the TCLP limit.

The results of the TCLP lead analysis of the discrete soil sample collected during the March 2024 investigation indicated that leachable lead was not present in the sample at a concentration exceeding the maximum concentration of contaminants for the toxicity characteristic. Additionally, this sample was submitted for a fish bioassay dangerous waste characterization analysis. The findings of the dangerous waste characterization analysis indicated that soil in this location did not designate as dangerous waste. The laboratory analytical report for the total lead, TCLP lead, and fish bioassay analyses is included in Appendix B.

4.0 REMEDIAL ACTIVITIES

Remedial activities at the Property were completed between March 18 and April 4, 2024. Photographs of remedial activities are presented in Appendix C. Excavation services were provided by Titan Earthwork, LLC of Pacific, Washington (Titan). A SoundEarth geologist was present to observe the remedial activities and to conduct environmental sampling. The lateral and vertical extents of the remedial excavation areas were determined based upon pre-excavation soil characterization and confirmation sampling and additional confirmation sampling conducted during excavation activities (Figures 2 through 5).

4.1 CONFIRMATION SAMPLING

SoundEarth collected confirmation soil samples from ROW and on-Property areas scheduled for full remedial excavation (Areas 1 through 5 and 6B) between March 18 and 21, 2024. The confirmation samples in Areas 1 through 5 and 6B were collected from small excavations that were completed by Titan personnel using an excavator, vactor truck, or shovel. In Area 7A, the upper 1 foot of soil was excavated to facilitate the future implementation of engineering controls in this area. However, lead-contaminated soil in Area 7A is known to extend to a depth of approximately 2 feet bgs. Therefore, confirmation soil samples were not collected from this area. Confirmation soil sample locations are depicted on Figure 5.

Confirmation soil samples were collected at two to six locations within each of the remedial excavation areas. Based on the results of SoundEarth's previous investigations, soil samples were initially collected at depths of 1 foot bgs in Areas 2 through 4 and 6B and 2 feet bgs in Areas 1 and 5.

The results of the initial confirmation soil sampling indicated that dieldrin and lead concentrations were below the applicable MTCA cleanup levels at the initial sampling depth in the remedial excavation areas, with the following exceptions:

- Dieldrin was detected at a concentration exceeding the MTCA Method B cleanup level in soil sample NS-03-VER03-01, collected from the southern portion of Area 3 at a depth of 1 foot bgs.
- Dieldrin was detected at a concentration exceeding the MTCA Method B cleanup level in soil sample NS-04-VER02-01, collected from the central portion of Area 4 at a depth of 1 foot bgs.

Therefore, the above samples were considered to be performance samples. Additional confirmation soil samples were collected at depths of 1.5 and 2 feet bgs in each of these locations to determine the vertical extent of dieldrin impacts. Based on the results of the confirmation soil sampling, soil in Areas 1 through 5 and 6B was excavated to depths between 1 and 2 feet bgs, as described in Section 4.3.2 and shown on Figure 5.

Prior to the start of excavation activities, it was determined that soil in the immediate vicinity of several utility poles situated throughout the remedial excavation areas could not be excavated to depths greater than 1 foot bgs due to concerns related to the stability of the poles. Five utility poles were located in areas where the planned excavation depth exceeded 1 foot bgs, including two utility poles in Area 1, one utility pole in Area 3, one utility pole in Area 4, and one utility pole in Area 5. In accordance with SCL's *Excavating Near SCL Poles* guidance document dated July 27, 2023, soil in the immediate vicinity of each of these utility poles was excavated to a depth of 1 foot bgs and sloped outward from the pole at a 1:1 ratio until the target remedial excavation depth was achieved. Soil samples were collected at a depth of 1 foot bgs at the base of each of the applicable utility poles to document soil conditions that would remain in place in each of these locations (samples NS-01-POLE01-01, NS-01-POLE02-01, NS-03-POLE01-01, NS-04-POLE01-01, and NS-05-POLE01-01; Figure 5).

Soil samples were placed directly into laboratory-supplied 4-ounce jars, labeled with a unique sample ID, placed on ice in a cooler, and delivered to Fremont Analytical, Inc. of Seattle, Washington under standard chain-of-custody protocols. Soil confirmation samples collected from Areas 1 through 5 and 6B were submitted for analysis of dieldrin by US Environmental Protection Agency (EPA) Method 8081A and/or lead by EPA Method 6020, depending on the area.

Contaminants that had previously been identified at concentrations exceeding cleanup levels in Areas 1 through 5 and 6B were not detected at concentrations above MTCA Method A or B cleanup levels in the confirmation soil samples collected from these areas, with the exception of three soil samples collected from the bases of utility poles in Areas 1, 3, and 5. Dieldrin was detected at concentrations exceeding the MTCA Method B cleanup level in soil samples NS-01-POLE02-01, NS-03-POLE01-01, and NS-05-POLE01-01, which were collected at a depth of 1 foot bgs from the soil remaining in place in the immediate vicinity of each utility pole (Figure 5).

The analytical results for performance and confirmation soil samples are summarized in Table 1. Confirmation soil sample locations and results are shown on Figure 5. Laboratory analytical reports are included in Appendix D.

4.2 DATA VALIDATION

SoundEarth contracted with Validata, LLC to conduct a Stage 2A level quality assurance/quality control (QA/QC) review of the analytical results. The data was reviewed using the guidance and quality control criteria documented in EPA's *National Functional Guidelines for Organic Superfund Methods Data Review*

and/or *National Functional Guidelines for Inorganic Superfund Methods Data Review*, both dated November 2020. The QC requirements that were reviewed included sample receipt, handling, and holding times; recoveries for method blanks, surrogates, spikes, and field duplicates; and reporting limits.

All QA/QC criteria were confirmed to be acceptable for the soil samples, and the analytical results are considered to be acceptable for use. The Validata, LLC Data Validation Report is provided as Appendix E.

4.3 EXCAVATION ACTIVITIES

4.3.1 Tree Removal

Prior to remediation activities, eight Japanese maple trees were present in the landscaped areas along 8th Avenue Northeast within Areas 1, 2, and 3. To allow for full removal of contaminated soil from these areas, the trees were removed by SCL prior to excavation on March 19, 2024. The tree removal activities were conducted in accordance with urban forestry permit SDOTTREE0006217, which was issued by the Seattle Department of Transportation on November 3, 2023. Plant material generated during the removal of the tree trunks was cut into approximately 7-foot lengths, and plant material generated during removal of the branches was chipped. All plant material generated during tree removal was loaded by SCL into dump trucks and transported to Waste Management for disposal as contaminated material. Between March 22 and 25, 2024, Northwest Construction, Inc., as a subcontractor to Titan, removed the eight tree stumps using a stump grinder. The ground tree stump material was removed during soil excavation activities, as described in Section 4.3.2.

4.3.2 Soil Excavation

Excavation activities in Areas 1 through 5, 6B, and 7A were conducted by Titan using an excavator or shovel between March 19 and 29, 2024. Based on the results of pre-construction confirmation sampling, soil was excavated from each area as follows (Figure 5):

- Area 1, located in the 8th Avenue Northeast ROW, was excavated to a depth of 2 feet bgs. Prior to excavation activities, it was determined that soil in the immediate vicinity of two utility poles located in this area could not be excavated to depths greater than 1 foot bgs due to concerns related to the stability of the poles. Soil in the immediate vicinity of each of these utility poles was excavated to a depth of 1 foot bgs and sloped outward from the poles at a 1:1 ratio until the target remedial excavation depth of 2 feet bgs was achieved. Soil samples were collected at a depth of 1 foot bgs at the base of each of the utility poles to document soil conditions that would remain in place in each of these locations. Based on sampling results, dieldrin is present at a concentration exceeding the MTCA Method B cleanup level in the soil left in place at a depth of 1 to 2 feet bgs around the base of the northern utility pole in Area 1 (soil sample NS-01-POLE01-01). Dieldrin was not detected above the MTCA Method B cleanup level in the soil sample collected at the base of the southern utility pole in Area 1 (soil sample NS-01-POLE02-01). The residual contaminated soil left in place around the northern utility pole is no more than 1 cubic yard, which is considered to be de minimis.
- Area 2, located in the 8th Avenue Northeast ROW to the south of Area 1, was excavated to a depth of 1 foot bgs.

- Area 3, located in the 8th Avenue Northeast ROW to the south of Area 2, was excavated to depths between 1 and 1.5 feet bgs. The northern portion of Area 3 was excavated to a depth of 1 foot bgs, and the southern portion of this area was excavated to a depth of 1.5 feet bgs. Prior to excavation activities, it was determined that soil in the immediate vicinity of one utility pole located in this area could not be excavated to depths greater than 1 foot bgs due to concerns related to the stability of the pole. Soil in the immediate vicinity of this utility pole was excavated to a depth of 1 foot bgs and sloped outward from the pole at a 1:1 ratio until the target remedial excavation depth of 1.5 feet bgs was achieved. A soil sample was collected at a depth of 1 foot bgs at the base of the utility pole to document soil conditions that would remain in place in this location. Based on sampling results, dieldrin is present at a concentration exceeding the MTCA Method B cleanup level in the soil left in place at a depth of 1 to 2 feet bgs around the base of the utility pole on the southern portion of Area 3 (soil sample NS-03-POLE01-01). The residual contaminated soil left in place around the utility pole is no more than 1 cubic yard, which is considered to be de minimis.
- Area 4, located in the 8th Avenue Northeast ROW to the south of Area 3, was excavated to depths between 1 and 1.5 feet bgs. The northern and southern portions of Area 4 were excavated to a depth of 1 foot bgs. The central portion of Area 4 was excavated to a depth of 1.5 feet bgs. Prior to excavation activities, it was determined that soil in the immediate vicinity of one utility pole located in this area could not be excavated to depths greater than 1 foot bgs due to concerns related to the stability of the pole. Soil in the immediate vicinity of this utility pole was excavated to a depth of 1 foot bgs and sloped outward from the pole at a 1:1 ratio until the target remedial excavation depth of 1.5 feet bgs was achieved. A soil sample was collected at a depth of 1 foot bgs at the base of the utility pole to document soil conditions that would remain in place in this location. Based on sampling results, dieldrin was not detected above the MTCA Method B cleanup level in the soil sample collected at the base of the utility pole on the central portion of Area 4 (soil sample NS-04-POLE01-01).
- Area 5, located in the Northeast 75th Street ROW, was excavated to a depth of 2 feet bgs. Prior to excavation activities, it was determined that soil in the immediate vicinity of one utility pole located in this area could not be excavated to depths greater than 1 foot bgs due to concerns related to the stability of the pole. Soil in the immediate vicinity of this utility pole was excavated to a depth of 1 foot bgs and sloped outward from the pole at a 1:1 ratio until the target remedial excavation depth of 2 feet bgs was achieved. A soil sample was collected at a depth of 1 foot bgs at the base of the utility pole to document soil conditions that would remain in place in this location. Based on sampling results, dieldrin is present at a concentration exceeding the MTCA Method B cleanup level in the soil left in place at a depth of 1 to 2 feet bgs around the base of the utility pole on the central portion of Area 3 (soil sample NS-05-POLE01-01). The residual contaminated soil left in place around the utility pole is no more than 1 cubic yard, which is considered to be de minimis.
- Area 6B, located partially on the southwestern portion of the Property and partially within the 8th Avenue Northeast ROW, was excavated to a depth of 1 foot bgs.

- Area 7A, located on the southern portion of the Property to the west of the southern building entrance, was hand-excavated to a depth of 1 foot bgs using a shovel to facilitate the future implementation of engineering controls in this area. Lead-contaminated soil in this area is known to be present to a depth of approximately 2 feet bgs.

All contaminated soil left in place in Areas 1, 3, 5, and 7A was covered with at least 12 inches of clean fill material during backfilling activities, as discussed in Section 4.5; this material is inaccessible to potential receptors.

Soil excavated from Areas 1 through 5 and 6B was direct-loaded into dump trucks and transported off site for disposal as non-dangerous contaminated material. Soil excavated from Area 7A was contained on the Property in supersacks pending separate transport and off-site disposal due to elevated lead concentrations in the soil excavated from this area.

4.4 WASTE DISPOSAL

The disposal of each waste stream generated during the remedial activities is summarized in the following sections. Waste disposal tickets for contaminated material generated during remedial activities and removed from the Property are included as Appendix F.

4.4.1 Soil Disposal

A total of 496.78 tons of non-dangerous contaminated soil generated from excavation activities in Areas 1 through 5 and 6B and vegetation generated from the grinding of tree stumps formerly located in Areas 1, 2, and 3 were removed from the Property between March 19 and 28, 2024, and transported in dump trucks by Titan to the Waste Management Alaska Street Transfer Station in Seattle, Washington, for disposal at the Columbia Ridge Landfill in Arlington, Oregon.

A total of 10.31 tons of non-dangerous contaminated soil generated from excavation activities in Area 7A was contained in three supersacks and removed from the Property by Waste Management on April 17, 2024. Due to elevated lead concentrations, this soil was required to be transported by Waste Management via their Argo Yard facility in Seattle, Washington, for disposal at the Columbia Ridge Landfill in Arlington, Oregon.

A total of 8.81 tons of soil and water slurry generated during hydrovac potholing activities in the vicinity of subsurface electrical infrastructure was removed from the Property on March 18, 2024, and transported via vactor truck to the Waste Management Alaska Street Transfer Station in Seattle, Washington, for disposal at the Columbia Ridge Landfill in Arlington, Oregon.

4.4.2 Plant Material Disposal

The plant material generated from the removal of the eight Japanese maple trees in Areas 1, 2, and 3, which was presumed to be contaminated, was removed from the Property by SCL on March 19, 2024, and transported via Waste Management's Argo Yard facility in Seattle, Washington, for disposal at the Columbia Ridge Landfill in Arlington, Oregon.

4.5 BACKFILLING AND PROPERTY RESTORATION

Following completion of confirmation sampling and remedial activities, Titan backfilled and graded the excavated areas per the approved soil restoration plans for the Property. Soil and gravel backfill materials were directly placed in each remedial excavation area using a dump truck, excavator, or hand tools and subsequently smoothed and compacted by Titan using an excavator or hand tools.

Areas 1 through 5, 6B, and 7A were backfilled to approximately 8 inches below final grade with Type 17 sand and gravel fill from CalPortland, overlain with Cedar Grove Topsoil mix (approximately 60 percent sandy loam and 40 percent compost) to final grade. Hydroseeding was completed by Titan in each of the remediation areas to serve as an erosion control measure on April 1, 2024.

A total of 263.19 tons of Type 17 sand and gravel fill and 182 cubic yards of topsoil was used to backfill the excavation areas between March 21 and 29, 2024. Import material tickets are included as Appendix G.

5.0 IMPACTED SOIL REMAINING IN PLACE

As depicted on Figure 6, impacted soil remains in place in various areas on the Property and in the surrounding ROWs, as described in the following sections.

5.1 UTILITY POLE LOCATIONS (REMEDIAL EXCAVATION AREAS 1, 3, AND 5)

Due to concerns related to the stability of utility poles situated within the remedial excavation areas and in accordance with SCL's *Excavating Near SCL Poles* guidance document dated July 27, 2023, soil at depths greater than 1 foot bgs was left in place in the immediate vicinity of each of the utility poles present within Areas 1, 3, 4, and 5, where the target remedial excavation depths exceeded 1 foot bgs. Soil immediately surrounding the utility poles was excavated to a depth of 1 foot bgs and sloped outward from the pole at a 1:1 ratio until the target remedial excavation depth was achieved. Soil samples were collected at a depth of 1 foot bgs in each of these locations. Based on soil sample results, soil containing concentrations of dieldrin exceeding the MTCA Method B cleanup level remains in place at a depth of 1 to 2 feet bgs around the base of the southern utility pole in Area 1 in the 8th Avenue Northeast ROW and the utility pole on the central portion of Area 5 in the Northeast 75th Street ROW. Soil containing concentrations of dieldrin exceeding the MTCA Method B cleanup level remains in place at a depth of 1 to 1.5 feet bgs around the base of the utility pole on the southern portion of Area 3 in the 8th Avenue Northeast ROW. Dieldrin was not detected at concentrations exceeding the MTCA Method B cleanup level in soil surrounding the utility poles on the northern portion of Area 1 and in Area 4.

The amount of residual contaminated soil left in place in each of these locations is no more than 1 cubic yard, which is considered to be de minimis. All contaminated soil left in place at the bases of the utility poles was covered with at least 1 foot of clean fill material during backfilling activities, as discussed in Section 4.5, and the residual contaminated material does not present a direct contact exposure risk to potential receptors.

5.2 AREAS 6A, 7A, 7B, 8, 9, AND 10

Dieldrin- and/or lead-contaminated soil has been identified at depths of up to 3 feet bgs during previous soil sampling activities in the following areas, which were not included in the remedial excavation activities to allow for preservation of the valuable landscapes currently present at the Property:

- The on-Property landscaped area located at the southwestern corner of the Property (referred to as Area 6A)
- The landscaped areas located partially on the Property and partially in the Northeast 75th Street ROW along the southern Property boundary (referred to as Areas 7A, 7B, and 8)
- The landscaped area at the southeastern corner of the Property located partially on the Property and partially in the Northeast 75th Street and 9th Avenue Northeast ROWs (referred to as Area 9)
- The landscaped area located partially on the Property and partially in the 9th Avenue Northeast ROW along the eastern Property boundary (herein referred to as Area 10)

With the exception of limited remedial excavation conducted on the easternmost portion of Area 7A, where contaminated soil was removed to a depth of 1 foot bgs and capped with one foot of clean backfill material, removal of contaminated soil has not been conducted in the areas listed above. To mitigate the exposure risk associated with remaining contaminated soil in these areas of the Property and adjoining ROWs while maintaining the valuable landscaping present within these areas, engineering controls are planned to be implemented throughout the impacted areas where remedial excavation was not conducted. The planned engineering controls will include capping exposed contaminated soil with additional mulch and/or groundcover vegetation and installing low-profile fencing and signage to limit access to areas with known soil contamination. Details regarding the implementation of the engineering controls are not included in this Construction Completion Report and will be detailed in a separate document following implementation.

6.0 SUMMARY AND CONCLUSIONS

The remedial activities conducted at the Property between March 18 and April 4, 2024, included removing soil that was impacted with dieldrin and lead. In Areas 1 through 5, located within the 8th Avenue Northeast and Northeast 75th Street ROWs, soil impacted with dieldrin and/or lead was excavated to depths between 1 and 2 feet bgs. In Area 6B, located partially on the southwestern portion of the Property and partially in the 8th Avenue Northeast ROW, soil impacted with dieldrin was excavated to a depth of 1 foot bgs. In Area 7A, located on the southern portion of the Property, a limited area of lead-contaminated soil was removed to a depth of 1 foot bgs and capped with clean backfill material to facilitate the future implementation of engineering controls in this area. Contaminants of concern were not detected at concentrations exceeding MTCA cleanup levels in confirmation soil samples collected at the final extents of remedial excavation Areas 1 through 5 and 6B.

As discussed in Section 5.0, a limited amount of soil at depths between 1 and 2 feet bgs around the bases of utility poles situated within Areas 1, 3, 4, and 5 was unable to be excavated during the remedial activities due to concerns related to the stability of the utility poles. Based on the analytical results for soil samples collected from the unexcavated material at the bases of these poles, dieldrin-contaminated soil remains in place at the base of the southern utility pole in Area 1, the utility pole on the southern portion of Area 3, and the utility pole on the central portion of Area 5. The remaining contaminated soil in these locations was capped with one foot of clean backfill material. Soil surrounding the utility poles on the northern portion of Area 1 and in Area 4 did not contain dieldrin at concentrations exceeding the MTCA Method B cleanup level. Additionally, remedial excavation of known contaminated soil in Areas 6A, 7A, 7B, 8, 9, and 10 was not conducted to allow for preservation of the valuable landscapes currently present at the Property.

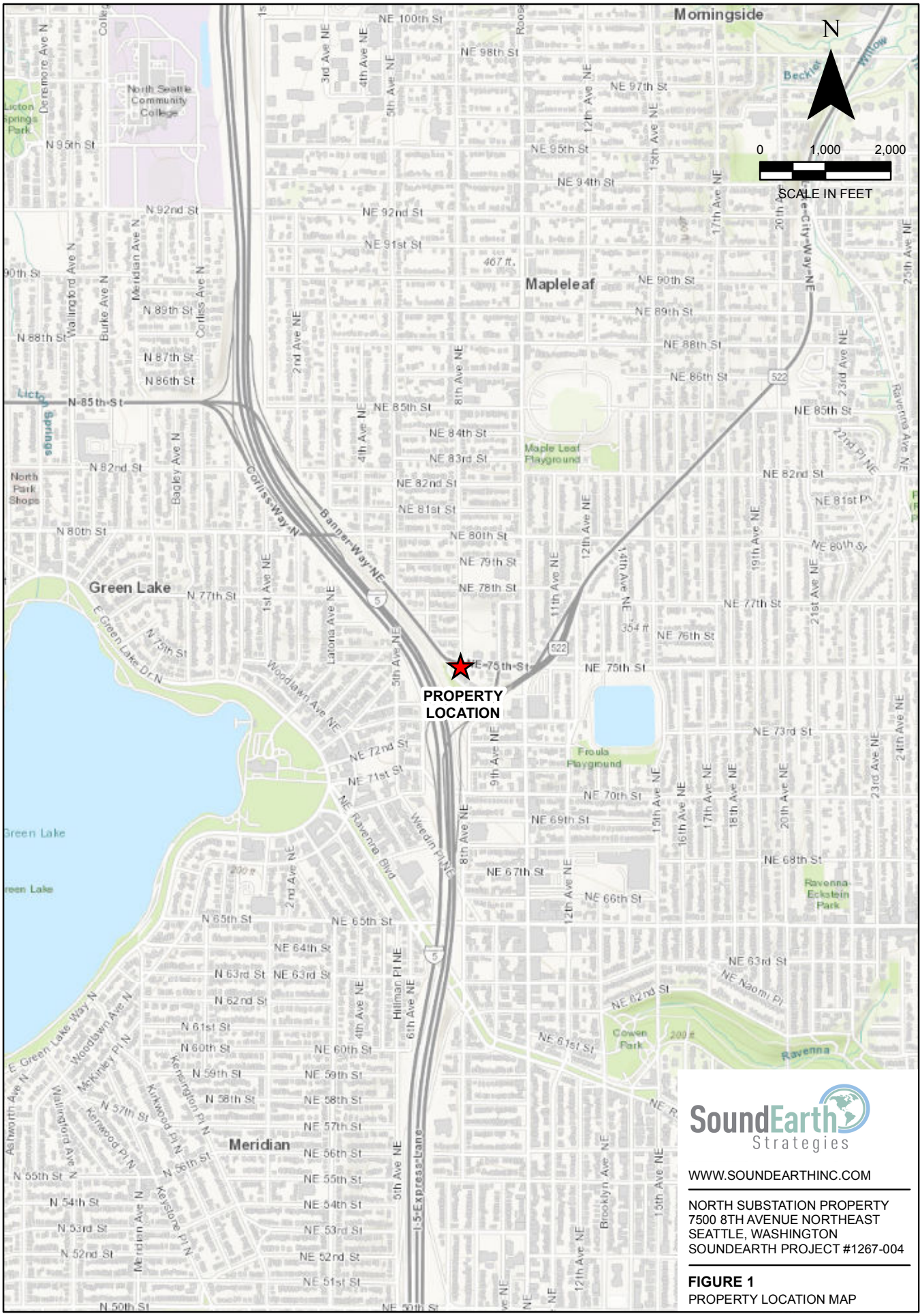
Based upon data from previous investigations, confirmation sample analytical results, and field observations, the completed remedial activities have successfully removed soil containing contaminants of concern at concentrations above MTCA cleanup levels from the accessible portions of the Property and adjoining ROW landscaped areas. Full removal of contaminated soil from the bases of three utility poles and from areas where vegetation is to be preserved was infeasible due to pole stability concerns and inaccessibility related to the presence of valuable landscaping. However, the contaminated soil that remains in place around the utility poles is de minimis in volume and/or inaccessible to potential receptors. Engineering controls are planned to be implemented throughout the impacted areas where remedial excavation was not conducted to mitigate the exposure risk to potential receptors.

7.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with SoundEarth's agreement with the client. This report is solely for the use and information of SoundEarth's client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. SoundEarth does not warrant and is not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. SoundEarth does not warrant the use of segregated portions of this report.

FIGURES



SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 1
PROPERTY LOCATION MAP

4/18/2024

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2024 CCR\1267-004_2024_FIG2.DWG

9TH AVENUE NORTHEAST

SEATTLE CITY LIGHT NORTH SUBSTATION

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

N

0 30 60

APPROXIMATE SCALE IN FEET

DRIVEWAY

AREA 10

SS3 0.110

SS2 0.240

SS1 <0.021

AREA 9

SS3 0.160

SS2 2.200

PAVED STAIRWAY

DRIVEWAY

SS1 <0.016

DRIVEWAY

SS3 0.160

SS3 0.060

SS2 0.150

AREA 8

SS1 0.050

SS2 1.300

PAVED WALKWAY

SS3 0.018

AREA 5

AREA 7

SS2 0.100

AREA 6

SS1 <0.015

SS1 0.190

SS1 0.063

SS2 0.380

SS3 0.051

AREA 11

SS1 <0.014

DRIVEWAY

SS2 0.053

SS3 0.024

SS1 0.044

SS2 0.056

AREA 1

SS3 0.100

PAVED WALKWAY

PAVED WALKWAY

SS1 0.060

AREA 2

SS2 0.140

SS3 0.110

SS1 0.490

AREA 3

SS2 0.420

SS3 0.360

PAVED WALKWAY

SS1 0.076

AREA 4

SS2 0.180

SS3 0.081

ADA RAMP

	Dieldrin (mg/kg)
MTCA Method B Cleanup Level	0.0625

LEGEND

- DISCRETE SOIL SAMPLE LOCATION (SOUNDEARTH 2017)
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLING AREA OUTLINE
- SS3 — SAMPLE ID
- 0.160 — DIELDRIN RESULT (mg/kg)
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD B CLEANUP LEVEL
- mg/kg — MILLIGRAMS PER KILOGRAM
- MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 2

DISCRETE SOIL SAMPLE RESULTS FOR DIELDRIN - 2017 SITE CHARACTERIZATION

4/18/2024

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2024 CCR\1267-004_2024_FIG3.DWG

9TH AVENUE NORTHEAST

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

N

0 30 60

APPROXIMATE SCALE IN FEET

DRIVEWAY

AREA 10

SS3

SS2

SS1

AREA 9

SS3

SS2

PAVED STAIRWAY

DRIVEWAY

SS1

DRIVEWAY

SS3 54

SS3 60

SS2 110

AREA 8

SS1 120

SS2 310

PAVED WALKWAY

SS3 270

AREA 5

AREA 7

SS2 78

AREA 6

SS1 52

SS1 210

SS1

SS2

SS3

ADA RAMP

AREA 11

DRIVEWAY

SS1

SS2

SS3

SS1 SS2 SS3

AREA 1

PAVED WALKWAY

PAVED WALKWAY

SS1 51

SS2 280

SS3 100

AREA 2

SS1 110

SS2 72

SS3 75

AREA 3

PAVED WALKWAY

SS1

SS2

SS3

AREA 4

	Lead (mg/kg)
MTCA Method A Cleanup Level	250

LEGEND

- DISCRETE SOIL SAMPLE LOCATION (SOUNDEARTH 2017)
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLING AREA OUTLINE
- SS3 — SAMPLE ID
- 270 — LEAD RESULT (mg/kg)
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD A CLEANUP LEVEL
- mg/kg — MILLIGRAMS PER KILOGRAM
- MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 3

DISCRETE SOIL SAMPLE RESULTS FOR LEAD - 2017 SITE CHARACTERIZATION

4/18/2024

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2024 CCR\1267-004_2024_FIG4.DWG

9TH AVENUE NORTHEAST

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

N

0 30 60

APPROXIMATE SCALE IN FEET

DRIVEWAY

PAVED STAIRWAY

PAVED WALKWAY

ADA RAMP

CURVE RADIUS

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

AREA 7

AREA 8

AREA 9

AREA 10

AREA 11

SS1 SS2 SS3 HA1 HA2

Area	Depth (feet bgs)	Dieldrin (mg/kg)
10	1	0.029
	2	<0.013

Area	Depth (feet bgs)	Dieldrin (mg/kg)
9	1	**1.200**

Area	Depth (feet bgs)	Dieldrin (mg/kg)
8	1	**0.078**
	2	<0.011

Area	Depth (feet bgs)	Lead (mg/kg)
7 (HA2)	1	**950**
	1.5	**270**
	2	100

Area	Depth (feet bgs)	Dieldrin (mg/kg)
7 (HA1)	1	**0.087**
	2	**0.110**
	3	<0.013
	4	0.016

Area	Depth (feet bgs)	Dieldrin (mg/kg)
6	1	0.016
	2	<0.012

Area	Depth (feet bgs)	Dieldrin (mg/kg)	Lead (mg/kg)
5	1	**0.270**	76
	2	0.038	--

Area	Depth (feet bgs)	Dieldrin (mg/kg)
1	1	**0.081**
	2	45

Area	Depth (feet bgs)	Dieldrin (mg/kg)	Lead (mg/kg)
2	1	0.022	60
	2	<0.011	--

Area	Depth (feet bgs)	Dieldrin (mg/kg)
3	1	<0.010
	2	<0.010

Area	Depth (feet bgs)	Dieldrin (mg/kg)
4 (HA1)	1	<0.010
	2	<0.011

Area	Depth (feet bgs)	Dieldrin (mg/kg)
4 (HA2)	0.5	<0.00984
	1	<0.0104

Area	Depth (feet bgs)	Dieldrin (mg/kg)
4 (HA3)	0.5	<0.0102
	1	<0.0104

	Dieldrin (mg/kg)	Lead (mg/kg)
MTCA Cleanup Level	**0.0625**	**250**

LEGEND

- HAND AUGER BORING (SOUNDEARTH 2017-2023)
- DISCRETE SOIL SAMPLE LOCATION (SOUNDEARTH 2017)
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLING AREA OUTLINE
- SS3 — SAMPLE ID
- mg/kg — MILLIGRAMS PER KILOGRAM
- BGS — BELOW GROUND SURFACE
- RED — DENOTES CONCENTRATION EXCEEDS MTCA CLEANUP LEVEL FOR SOIL
- MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

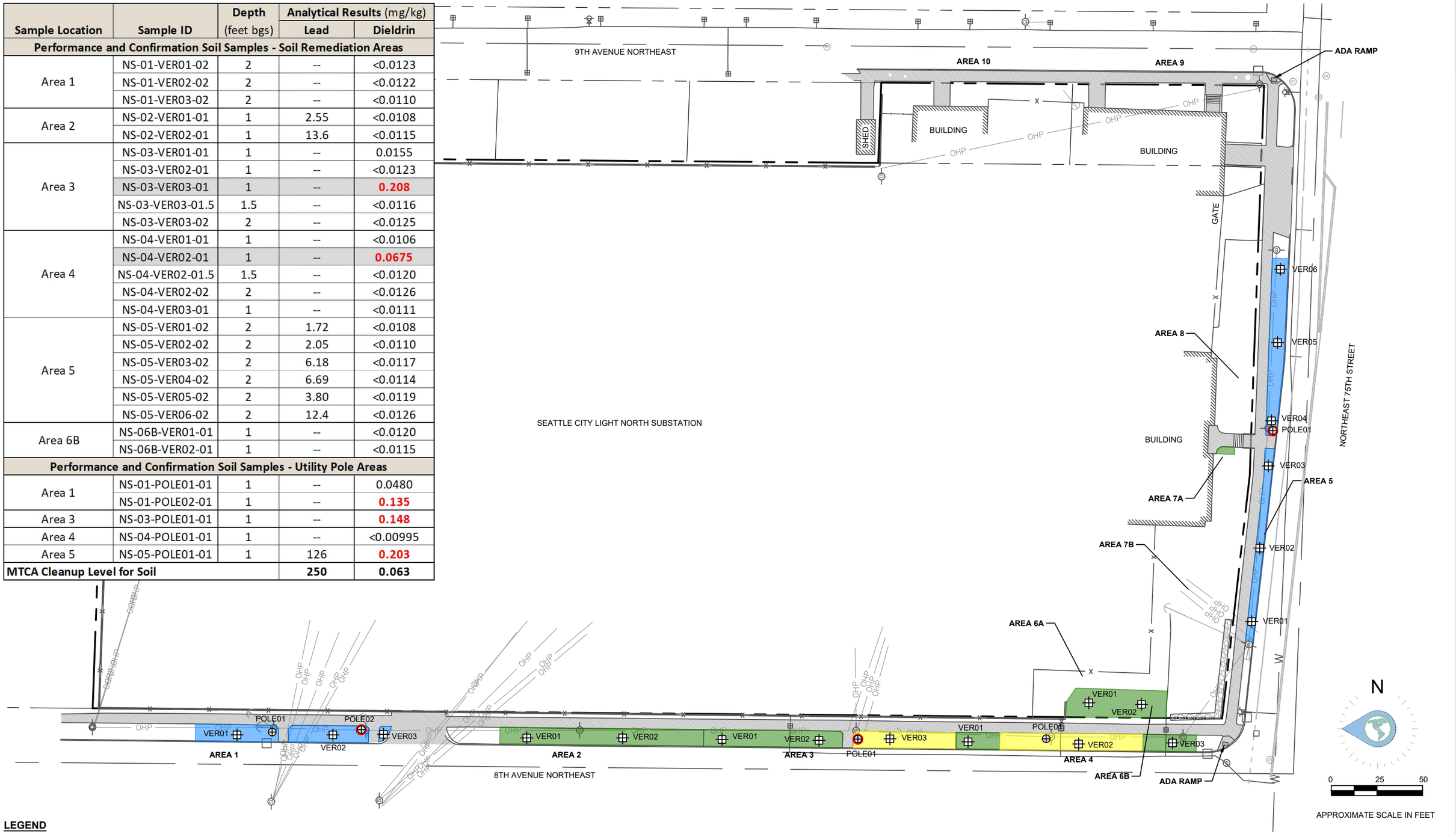
NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 4

HAND AUGER SOIL SAMPLE RESULTS - 2017 AND 2023 SITE CHARACTERIZATION

4/19/2024

Sample Location	Sample ID	Depth (feet bgs)	Analytical Results (mg/kg) Lead	Dieldrin
Performance and Confirmation Soil Samples - Soil Remediation Areas				
Area 1	NS-01-VER01-02	2	--	<0.0123
	NS-01-VER02-02	2	--	<0.0122
	NS-01-VER03-02	2	--	<0.0110
Area 2	NS-02-VER01-01	1	2.55	<0.0108
	NS-02-VER02-01	1	13.6	<0.0115
Area 3	NS-03-VER01-01	1	--	0.0155
	NS-03-VER02-01	1	--	<0.0123
	NS-03-VER03-01	1	--	**0.208**
	NS-03-VER03-01.5	1.5	--	<0.0116
	NS-03-VER03-02	2	--	<0.0125
Area 4	NS-04-VER01-01	1	--	<0.0106
	NS-04-VER02-01	1	--	**0.0675**
	NS-04-VER02-01.5	1.5	--	<0.0120
	NS-04-VER02-02	2	--	<0.0126
	NS-04-VER03-01	1	--	<0.0111
Area 5	NS-05-VER01-02	2	1.72	<0.0108
	NS-05-VER02-02	2	2.05	<0.0110
	NS-05-VER03-02	2	6.18	<0.0117
	NS-05-VER04-02	2	6.69	<0.0114
	NS-05-VER05-02	2	3.80	<0.0119
	NS-05-VER06-02	2	12.4	<0.0126
Area 6B	NS-06B-VER01-01	1	--	<0.0120
	NS-06B-VER02-01	1	--	<0.0115
Performance and Confirmation Soil Samples - Utility Pole Areas				
Area 1	NS-01-POLE01-01	1	--	0.0480
	NS-01-POLE02-01	1	--	**0.135**
Area 3	NS-03-POLE01-01	1	--	**0.148**
Area 4	NS-04-POLE01-01	1	--	<0.00995
Area 5	NS-05-POLE01-01	1	126	**0.203**
MTCA Cleanup Level for Soil			**250**	**0.063**



LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- ROADWAY CENTERLINE
- W — WATER LINE
- OHP — ELECTRIC LINE
- X — FENCE LINE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WATER MANHOLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- AREA EXCAVATED TO 1 FOOT BGS
- AREA EXCAVATED TO 1.5 FEET BGS
- AREA EXCAVATED TO 2 FEET BGS
- CONFIRMATION SOIL SAMPLE LOCATION
- UTILITY POLE SOIL SAMPLE LOCATION

RED DENOTES CONCENTRATION EXCEEDS MTCA CLEANUP LEVEL
BGS BELOW GROUND SURFACE
MG/KG MILLIGRAMS PER KILOGRAM
MTCA WASHINGTON STATE MODEL TOXICS CONTROL ACT
GRAY SHADING IN TABLE INDICATES SOIL HAS BEEN REMOVED

SoundEarth Strategies
WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #: 1267-004

2024 REMEDIAL EXCAVATION EXTENTS AND CONFIRMATION SOIL SAMPLE RESULTS

FIGURE 5

PROJECT MANAGER: C.TOCHILIN
DRAWN BY: S.ALBERTS

DRAFT

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2024 CCR\1267-004_2024_FIG5.DWG

4/19/2024

9TH AVENUE NORTHEAST

AREA 10

AREA 9

ADA RAMP

SHED

BUILDING

BUILDING

OHP

GATE

AREA 8

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

BUILDING

AREA 5

AREA 7A

AREA 7B

AREA 6A

AREA 1

AREA 2

AREA 3

AREA 4

AREA 6B

ADA RAMP

8TH AVENUE NORTHEAST

N

0 25 50

APPROXIMATE SCALE IN FEET

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- ROADWAY CENTERLINE
- WATER LINE
- ELECTRIC LINE
- FENCE LINE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- WATER MANHOLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- AREA EXCAVATED TO 1 FOOT BGS
- AREA EXCAVATED TO 1.5 FEET BGS
- AREA EXCAVATED TO 2 FEET BGS
- KNOWN IMPACTED SOIL REMAINING IN PLACE
- KNOWN IMPACTED SOIL REMAINING IN PLACE BELOW 1 FOOT BGS AND CAPPED WITH CLEAN FILL MATERIAL
- APPROXIMATE PLANNED FENCING ALIGNMENT TO BE INSTALLED AS ENGINEERING CONTROL

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION PROPERTY
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #: 1267-004

FIGURE 6
IMPACTED SOIL REMAINING IN PLACE

PROJECT MANAGER: C.TOCHILIN

DRAWN BY: S.ALBERTS

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2024 CCR\1267-004_2024_FIG6.DWG

TABLE

Table 1
Performance and Confirmation Soil Sample Analytical Results
North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample Location	Sample ID	Sampled By	Date Sampled	Depth (feet bgs)	Sample Type[1,2]	Analytical Results (milligrams per kilogram) Lead[3]	Dieldrin[4]
Performance and Confirmation Soil Samples - Soil Remediation Areas							
Area 1	NS-01-VER01-02	SoundEarth	03/18/24	2	Confirmation	--	<0.0123
	NS-01-VER02-02		03/18/24	2	Confirmation	--	<0.0122
	NS-01-VER03-02		03/18/24	2	Confirmation	--	<0.0110
Area 2	NS-02-VER01-01		03/19/24	1	Confirmation	2.55	<0.0108
	NS-02-VER02-01		03/19/24	1	Confirmation	13.6	<0.0115
Area 3	NS-03-VER01-01		03/19/24	1	Confirmation	--	0.0155
	NS-03-VER02-01		03/19/24	1	Confirmation	--	<0.0123
	NS-03-VER03-01		03/19/24	1	Performance (removed)	--	**0.208**
	NS-03-VER03-01.5		03/19/24	1.5	Confirmation	--	<0.0116
	NS-03-VER03-02		03/19/24	2	Confirmation	--	<0.0125
Area 4	NS-04-VER01-01		03/19/24	1	Confirmation	--	<0.0106[UJ]
	NS-04-VER02-01		03/19/24	1	Performance (removed)	--	**0.0675**
	NS-04-VER02-01.5		03/19/24	1.5	Confirmation	--	<0.0120
	NS-04-VER02-02		03/19/24	2	Confirmation	--	<0.0126
	NS-04-VER03-01		03/19/24	1	Confirmation	--	<0.0111
Area 5	NS-05-VER01-02		03/21/24	2	Confirmation	1.72	<0.0108[UJ]
	NS-05-VER02-02		03/21/24	2	Confirmation	2.05	<0.0110
	NS-05-VER03-02		03/21/24	2	Confirmation	6.18	<0.0117
	NS-05-VER04-02		03/21/24	2	Confirmation	6.69	<0.0114
	NS-05-VER05-02		03/21/24	2	Confirmation	3.80	<0.0119
	NS-05-VER06-02		03/21/24	2	Confirmation	12.4	<0.0126
Area 6B	NS-06B-VER01-01		03/19/24	1	Confirmation	--	<0.0120
	NS-06B-VER02-01		03/19/24	1	Confirmation	--	<0.0115
Performance and Confirmation Soil Samples - Utility Pole Areas							
Area 1	NS-01-POLE01-01	SoundEarth	03/21/24	1	Confirmation	--	0.0480
	NS-01-POLE02-01		03/21/24	1	Performance (in place)	--	**0.135**
Area 3	NS-03-POLE01-01		03/21/24	1	Performance (in place)	--	**0.148**
Area 4	NS-04-POLE01-01		03/25/24	1	Confirmation	--	<0.00995
Area 5	NS-05-POLE01-01		03/21/24	1	Performance (in place)	126[D]	**0.203**
MTCA Cleanup Level for Soil						**250**[5]	**0.063**[6]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil

Gray shading indicates that soil has been removed.

Sample analyses conducted by Fremont Analytical, Inc. of Seattle, Washington.

[1]Performance samples were collected to evaluate soil conditions within and at the final extents of the remedial excavation areas. Performance samples that do not contain concentrations of contaminants of concern exceeding cleanup levels are considered confirmation samples.

[2]A designation of a sample as "removed" indicates that the material from which the sample was collected was removed during remedial excavation activities. A designation of a sample as "in place" indicates that the material from which the sample was collected was not excavated and remains in place.

[3]Samples analyzed by EPA Method 6020.

[4]Samples analyzed by EPA Method 8081A.

[5]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

[6]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

-- = not analyzed

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculation

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

SoundEarth = SoundEarth Strategies, Inc.

WAC = Washington Administrative Code

Data Validation Notes:

[UJ]The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

APPENDIX A
PREVIOUS ENVIRONMENTAL REPORTS

SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

December 5, 2017

Ms. Shannon Straws
Seattle City Light
P.O. Box 30423
Seattle, Washington 98124

SUBJECT: SUPPLEMENTAL ENVIRONMENTAL CHARACTERIZATION REPORT AND REMEDIAL WORK PLAN
North Substation Property Vegetation/Landscape Investigation
7500 8th Avenue Northeast
Seattle, Washington
Project Number: 1267-004-02

Dear Ms. Straws:

SoundEarth Strategies, Inc. (SoundEarth) has prepared this letter report to present the results of the hand auger soil sampling and a recommended remedial work plan for the landscaped areas at Seattle City Light's North Substation property, located at 7500 8th Avenue Northeast in Seattle, Washington (the Property). The Property consists of a nearly rectangular tax parcel (King County Parcel No. 0525049003) that covers approximately 201,327 square feet (4.62 acres) of land. The Property is currently occupied by a Seattle City Light substation. The Property location is shown on Figure 1.

To assess the concentrations of metals, petroleum hydrocarbons, pesticides, and herbicides in landscaped areas around the substation, including the sidewalk planter areas, SoundEarth conducted a near-surface soil investigation at the Property on May 18, 2017. Results of this investigation were presented in the Interim Environmental Characterization Report prepared by SoundEarth and dated August 24, 2017. The near-surface soil investigation consisted of collecting 33 soil samples at depths of 0 to 6 inches below ground surface (bgs) from 11 sampling areas (3 discrete samples per area) located along the western, southern, and southeastern Property boundaries. Sample results indicated that at least one discrete soil sample collected from Areas 1 through 10 contained dieldrin at concentrations exceeding the applicable Washington State Model Toxics Control Act (MTCA) Method B cleanup level (Figure 2). Concentrations of lead exceeding the MTCA Method A cleanup level were detected in soil samples collected from Area 2, along the western Property boundary, and Areas 5 and 7, along the southern Property boundary (Figure 3). Petroleum hydrocarbons, herbicides, other pesticides, and metals were not detected at concentrations exceeding the applicable MTCA cleanup levels in any of the composite or discrete near-surface soil samples.

The purpose of the hand auger soil investigation was to determine the depths of dieldrin and lead impacts in soil in areas where concentrations of these contaminants exceeding the applicable MTCA cleanup levels were detected during the near-surface soil investigation. This investigation was conducted in general accordance with the proposal prepared by SoundEarth dated April 11, 2017. This

letter report summarizes the field activities and results of the hand auger investigation, and provides SoundEarth's conclusions regarding the nature and extent of dieldrin and lead impacts to soil within landscaped areas of the Property.

FIELD WORK

To further assess the depth of dieldrin and lead contamination in sampling Areas 1 through 10 at the Property, SoundEarth conducted a hand auger soil investigation on September 12, 2017. Prior to conducting the field activities, a public utility locate service was used to identify the location of underground utilities.

The investigation consisted of advancing 11 hand auger borings to depths of as much as 4 feet bgs at the locations shown on Figure 4. In Areas 1 through 10, one hand auger boring was advanced to a depth of 4 feet bgs in the location of the discrete near-surface soil sample from each area with the highest dieldrin concentration. Refusal was encountered at 1 and 3 feet bgs in the borings advanced in Areas 9 and 5, respectively, due to tree roots and rocky soil conditions. One additional hand auger boring was advanced to a depth of 2 feet bgs in Area 7 in a location where lead was detected at a concentration exceeding the MTCA Method A cleanup level. Discrete soil samples were collected from each hand auger boring at depths of 1, 2, 3, and 4 feet bgs. An additional discrete sample was collected from 1.5 feet bgs in the 2-foot boring advanced in Area 7. Each sample was screened in the field for potential evidence of contamination using visual observations and notations of odor, and by conducting headspace analysis using a photoionization detector (PID) to detect the presence of volatile organic vapors.

Soil samples were placed directly into laboratory-supplied 4-ounce jars, labeled with a unique sample ID, placed on ice in a cooler, and delivered to OnSite Environmental Inc. of Redmond, Washington, under standard chain-of-custody protocols. Samples collected from 1 and 2 feet bgs were analyzed for one or more of the following:

- Dieldrin by U.S. Environmental Protection Agency (EPA) Method 8081B
- Lead by EPA Method 6010C

Samples collected from 3 and 4 feet bgs in each hand auger boring were subsequently analyzed if contaminants of concern were detected at concentrations exceeding the applicable cleanup levels in the corresponding 2-foot sample.

SOIL CONDITIONS AND ANALYTICAL RESULTS

Field screening of soil samples from each of the hand auger borings revealed no obvious visual or olfactory indications of soil contamination, and no elevated PID readings were observed in any of the soil samples.

The analytical results for the soil samples collected during the hand auger investigation at the Property are presented in Table 1 and on Figure 4. The laboratory analytical report for the samples collected is included in Attachment A.

Hand Auger Soil Sample Results

Hand auger soil sample analytical results are presented in Table 1 and Figure 4, and summarized below:

- **Dieldrin.** The organochlorine pesticide dieldrin was detected at concentrations exceeding the MTCA Method B direct contact cleanup level of 62.5 micrograms per kilogram (µg/kg) in soil samples collected at 1 foot bgs in hand auger borings advanced in Areas 1, 5, 7, 8, and 9. A dieldrin concentration exceeding the cleanup level was also detected in the 1- and 2-foot depth samples collected from the boring advanced in Area 7. Dieldrin was not detected at concentrations exceeding the cleanup level in the 2-foot depth samples collected in Areas 1, 5, and 8 or in the 3- and 4-foot depth samples collected in Area 7. A dieldrin concentration of 1,200 µg/kg was detected in the 1-foot depth sample collected from Area 9. However, due to refusal at 1 foot bgs during multiple hand auger attempts in this area, samples deeper than 1 foot bgs could not be collected.
- **Lead.** Lead was detected at concentrations exceeding the applicable MTCA Method A cleanup level of 250 milligrams per kilogram (mg/kg) in the samples collected at 1 and 1.5 feet bgs in the boring advanced at the eastern end of Area 7. The lead concentration detected in the 2-foot sample from this boring did not exceed the cleanup level. Lead concentrations were also below the applicable cleanup level in the samples collected from 1 foot bgs in the borings advanced in Areas 2 and 5.

DATA VALIDATION

SoundEarth contracted with Validata, LLC to conduct a Stage 2A level quality assurance/quality control (QA/QC) review of the analytical results. The data was reviewed using the guidance and QC criteria documented in the EPA's National Functional Guidelines for Organic Data Review (1999 and 2008). The QC requirements that were reviewed included sample receipt, handling, and holding times, recoveries for method blanks, surrogates, spikes, field duplicates, and reporting limits.

All QA/QC criteria were confirmed to be acceptable for the soil samples, and the analytical results are considered to be acceptable for use. A copy of the Validata, LLC Data Validation Report is provided as Attachment B.

PROPOSED SCOPE OF WORK FOR REMEDIATION

Based on the results of the near-surface and hand auger soil investigations, SoundEarth has prepared the following proposed scope of work, which details remediation work elements that will remove contaminated soil identified at the Property and verify that the remaining soil does not exceed applicable MTCA cleanup levels. SoundEarth has identified the following remediation work elements for Seattle City Light's selected remediation contractor:

- Preparation of a Health and Safety Plan.
- Public and private utility locates.
- Preparation and implementation of a temporary erosion and sediment control plan, as well as monitoring and updating control measures as needed.

- Applicable permitting, which may include fill and grading permits and street use permits. Contractor will be responsible for submitting a traffic control plan as necessary.
- Installation of temporary security fencing around the Property.
- Excavation of contaminated soil to minimum depths ranging from 10 to 36 inches bgs as indicated in Figure 5. The actual depth of contamination will be determined by verification sample results in each area. Verification samples will be collected at the minimum proposed excavation depth, and resampled following additional excavation if contamination remains above MTCA cleanup levels. Verification samples may be collected in advance of work (such as potholing and/or trenching methods), or collecting after areas have been excavated to target depths.
- Preservation of vegetation in the landscaped areas as directed by Seattle City Light. An air knife and vacuum truck may be used to remove soil around root systems of selected trees. The soil will be replaced the same day using clean amended soil as specified by Seattle City Light. An arborist representing Seattle City Light may be on-site during these activities.
- Backfill and compaction of excavated areas per Seattle City Light's restoration plan.
- Haul soil for disposal at a properly permitted and authorized solid waste landfill. The contractor will coordinate with all disposal facilities. Seattle City Light will obtain necessary bill(s) of lading prior to the start of work.
- Protect utilities, fences, adjacent structures, and vegetation outside of the excavation area, or as directed by Seattle City Light.
- Implement dust control measures during soil disturbing activities.

Based on discrete surface and hand auger soil sample results, recommended excavation activities include the removal of impacted soil to the following depths (Figure 5):

- 12 inches bgs in the southern portion of Area 2, all of Areas 3 and 4, the northern portion of Area 6, and the northern portion of Area 10. These 12-inch excavation areas are shown shaded in green on Figure 5.
- 24 inches bgs in the southern portion of Area 1, the central portion of Area 5, the eastern portion of Area 7, and the eastern portion of Area 8. These 24-inch excavation areas are shown shaded in blue on Figure 5.
- 36 inches bgs in the western portion of Area 7. These 36-inch excavation areas are shown shaded in orange on Figure 5.
- Based on the dieldrin concentration of 1,200 µg/kg detected in the 1-foot sample collected in the hand auger boring advanced in Area 9, it is likely that dieldrin impacts extend to a depth of at least 3 feet bgs in this area. Due to refusal in the hand auger boring at 1 foot bgs, samples were not collected at depths greater than 1 foot bgs. It is recommended that soil be excavated to at least 36 inches bgs in the eastern portion of Area 9. Confirmation sampling and testing will be performed to determine if the area needs to be excavated to a greater depth.

The Environmental Representative will be present to:

- Observe and document field activities, including erosion control measures.
- Monitor remediation activities for compliance with applicable environmental codes and regulations.
- Collect confirmation soil samples from excavated areas.
- Observe backfilling activities.

In addition, a Certified Arborist will be on-site to observe excavation activities in the vicinity of vegetation.

Samples collected during remediation activities will be submitted to Seattle City Light's contracted environmental laboratory. Sampling strategy and locations will be provided to Seattle City Light prior to implementation of this task. Chemical analyses for soil will include dieldrin and lead, depending on the remedial area. Samples will be analyzed on a 24-hour turnaround time. Laboratory reports will undergo Level 2 data validation by Validata LLC.

CONCLUSIONS AND RECOMMENDATIONS

The results of the near-surface and hand auger soil investigations indicate that soils at depths ranging from 0 to 2 feet bgs in the landscaped areas around the substation, with the exception of Area 11, are impacted with the organochlorine pesticide dieldrin and/or lead at concentrations exceeding the applicable MTCA cleanup levels. In Areas 2, 3, 4, 6, and 10, located along the eastern and western Property boundaries, dieldrin concentrations did not exceed the cleanup level in any of the discrete hand auger samples collected, indicating that the impacts in this area are limited to the upper 1 foot of soil. In Areas 1, 5, and 8, located along the northwestern and southern Property boundaries, dieldrin concentrations above the cleanup level extend to a depth of at least 1 foot bgs. The deepest dieldrin impacts appear to be present in Area 7, along the southwestern Property boundary, where dieldrin concentrations above the cleanup level extend to a depth of at least 2 feet bgs.

The depth of dieldrin impacts in Area 9, at the southeastern corner of the Property, could not be fully evaluated due to tree roots and rocky conditions encountered at a depth of 1 foot bgs in the attempted hand auger borings. Based on the concentration of 1,200 µg/kg detected in the sample collected from 1 foot bgs in this area, which was the highest dieldrin concentration detected during the hand auger investigation, it is likely that dieldrin impacts extend to a greater depth in this area.

Lead impacts to soil at the Property appear to be more limited in extent. In Areas 2 and 5, where lead concentrations exceeding the MTCA Method A cleanup level were detected in surface soil samples, lead concentrations did not exceed the cleanup level in the samples collected from 1 foot bgs, indicating that lead impacts in these areas are limited to the upper 1 foot of soil. In the eastern portion of Area 7, lead concentrations above the cleanup level extended to a maximum depth of 1.5 feet bgs.

SoundEarth recommends the removal of impacted soil to minimum depths ranging from 12 to 36 inches bgs in Areas 1 through 10 at the Property, depending on the remedial area, as described in the proposed scope of work. The total amount of impacted soil expected to be removed during the remediation work will be approximately 976 cubic yards.

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant and are not responsible for the accuracy or validity of work performed by others, or for the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the use of segregated portions of this report.

Respectfully,
SoundEarth Strategies, Inc.

Clare Tochilin, LG
Project Hydrogeologist

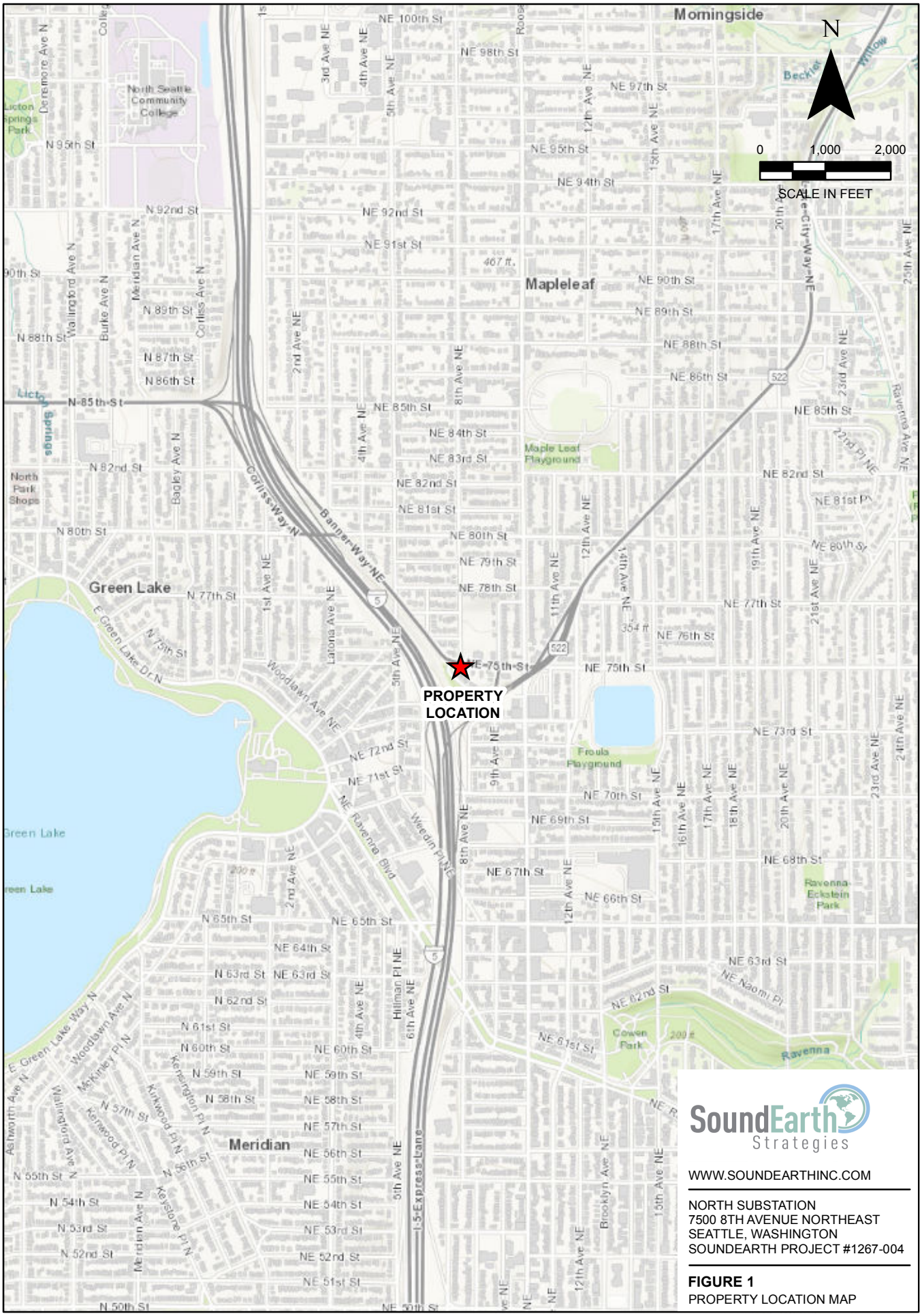
Rob Roberts
Senior Scientist

Attachments: Figure 1, Property Location Map
Figure 2, Soil Sub-Sample Analytical Results for Dieldrin
Figure 3, Soil Sub-Sample Analytical Results for Lead
Figure 4, Hand Auger Soil Sample Analytical Results for Dieldrin and Lead
Figure 5, Remedial Excavation Plan
Table 1, Hand Auger Soil Sample Analytical Results for Dieldrin and Lead
A, Laboratory Report
OnSite Environmental, Inc. #1709-136
B, Data Validation Report

cc: Ms. Cierra Holland, Seattle City Light

CJT/CER:slf

FIGURES



SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 1
PROPERTY LOCATION MAP

11/6/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_DL.DWG

9TH AVENUE NORTHEAST

NORTHEAST 78TH STREET

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

8TH AVENUE NORTHEAST

N

0 30 60

APPROXIMATE SCALE IN FEET

AREA 10: SS3 110; SS2 240; SS1 21

AREA 9: SS2 2,200; SS3 160; SS1 16

AREA 8: SS3 160; SS2 150; SS1 50

AREA 5: SS3 60; SS2 1,300; SS3 18

AREA 7: SS2 100; SS1 190

AREA 6: SS1 63; SS2 380; SS3 51

SS1 15

AREA 11: SS1 14

AREA 1: SS1 44; SS2 56; SS3 100

AREA 2: SS1 60; SS2 140; SS3 110

AREA 3: SS1 490; SS2 420; SS3 360

AREA 4: SS1 76; SS2 180; SS3 81

LEGEND

- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SS3 — SAMPLE ID
- 160 — DIELDRIN RESULT □µ□/□□□
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD B CLEANUP LEVEL
- SAMPLE AREA
- µg/kg — MICROGRAMS PER □ILOGRAM
- MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT

	Dieldrin (µg/kg)
MTCA Method B Cleanup Level	62.5

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 2
SOIL SUB-SAMPLE ANALYTICAL RESULTS FOR DIELDRIN

10/23/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_LEAD.DWG

9TH AVENUE NORTHEAST

NORTHEAST 78TH STREET

NORTHEAST 75TH STREET

8TH AVENUE NORTHEAST

SEATTLE CITY LIGHT NORTH SUBSTATION

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

AREA 7

AREA 8

AREA 9

AREA 10

AREA 11

SS1 51

SS2 280

SS3 100

SS1 110

SS2 72

SS3 75

SS1

SS2

SS3

SS3 54

SS3 60

SS2 110

SS1 120

SS2 310

SS3 270

SS2 78

SS1 52

SS1 210

N

0 30 60

APPROXIMATE SCALE IN FEET

LEGEND

- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SS3 — SAMPLE ID
- 54 — LEAD RESULT □□/□□□
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD A CLEANUP LEVEL
- SAMPLE AREA
- □□/□□ — MILLIGRAMS PER □ILOGRAM
- MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT

	Lead (mg/kg)
MTCA Method A Cleanup Level	250

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 3

SOIL SUB-SAMPLE ANALYTICAL RESULTS FOR LEAD

11/6/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_SD.DWG

9TH AVENUE NORTHEAST

SEATTLE CITY LIGHT NORTH SUBSTATION

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

N

0 30 60

APPROXIMATE SCALE IN FEET

AREA 10

AREA 9

AREA 8

AREA 7

AREA 6

AREA 5

AREA 11

AREA 1

AREA 2

AREA 3

AREA 4

Area	Depth (feet bgs)	Dieldrin (µg/kg)
10	1	29
	2	<13

Area	Depth (feet bgs)	Dieldrin (µg/kg)
9	1	**1,200**

Area	Depth (feet bgs)	Dieldrin (µg/kg)
8	1	**78**
	2	<11

Area	Depth (feet bgs)	Lead (mg/kg)
7 (HA2)	1	**950**
	1.5	**270**
	2	100

Area	Depth (feet bgs)	Dieldrin (µg/kg)
7 (HA1)	1	**87**
	2	**110**
	3	<13
	4	16

Area	Depth (feet bgs)	Dieldrin (µg/kg)
6	1	16
	2	<12

Area	Depth (feet bgs)	Dieldrin (µg/kg)	Lead (mg/kg)
5	1	**270**	76
	2	38	–

Area	Depth (feet bgs)	Dieldrin (µg/kg)
1	1	**81**
	2	45

Area	Depth (feet bgs)	Dieldrin (µg/kg)	Lead (mg/kg)
2	1	22	60
	2	<11	--

Area	Depth (feet bgs)	Dieldrin (µg/kg)
3	1	<10
	2	<10

Area	Depth (feet bgs)	Dieldrin (µg/kg)
4	1	<10
	2	<11

	Dieldrin (µg/kg)	Lead (mg/kg)
MTCA Cleanup Level	62.5	250

LEGEND

- ⊕ HAND AUGER BORING
- ■ DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLE AREA
- □ □/□□ MILLIGRAMS PER □ILOGRAM
- µg/kg MICROGRAMS PER □ILOGRAM
- BGS BELOW GROUND SURFACE
- RED DENOTES CONCENTRATION EXCEEDS MTCA METHOD A CLEANUP LEVELS FOR SOIL
- MTCA WASHINGTON STATE MODEL TOXICS CONTROL ACT

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 4
HAND AUGER SOIL SAMPLE ANALYTICAL RESULTS FOR DIELDRIN AND LEAD

11/30/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_EXCA.DWG

9TH AVENUE NORTHEAST

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

DRIVEWAY

AREA 10

AREA 9

PAVED STAIRWAY

DRIVEWAY

AREA 8

PAVED WALKWAY

AREA 5

AREA 7

AREA 6

AREA 11

AREA 1

AREA 2

AREA 3

AREA 4

SS1 SS2 SS3 HA1 HA2

N

0 30 60

APPROXIMATE SCALE IN FEET

LEGEND

- HAND AUGER BORING
- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLING AREA OUTLINE
- AREA TO BE EXCAVATED TO A DEPTH OF 12 INCHES BGS
- AREA TO BE EXCAVATED TO A DEPTH OF 24 INCHES BGS
- AREA TO BE EXCAVATED TO A DEPTH OF 36 INCHES BGS
- BGS — BELOW GROUND SURFACE

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 5
REMEDIAL EXCAVATION PLAN

TABLE

Table 1
Hand Auger Soil Sample Analytical Results for Dieldrin and Lead
North Substation
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results	
			Dieldrin[1] (micrograms per kilogram)	Lead[2] (milligrams per kilogram)
NS-01-HA1-01	09/12/17	1	**81**	--
NS-01-HA1-02		2	45	--
NS-02-HA1-01		1	22	60
NS-02-HA1-02		2	<11	--
NS-03-HA1-01		1	<10	--
NS-03-HA1-02		2	<10	--
NS-04-HA1-01		1	<10	--
NS-04-HA1-02		2	<11	--
NS-05-HA1-01		1	**270**	76
NS-05-HA1-02		2	38	--
NS-06-HA1-01		1	16	--
NS-06-HA1-02		2	<12	--
NS-07-HA1-01		1	**87**	--
NS-07-HA1-02		2	**110**	--
NS-07-HA1-03		3	<13	--
NS-07-HA1-04		4	16	--
NS-07-HA2-01		1	--	**950**
NS-07-HA2-01.5		1.5	--	**270**
NS-07-HA2-02		2	--	100
NS-08-HA1-01		1	**78**	--
NS-08-HA1-02		2	<11	--
NS-09-HA1-01		1	**1,200**	--
NS-10-HA1-01		1	29	--
NS-10-HA1-02		2	<13	--
MTCA Cleanup Level for Soil			**62.5**[3]	**250**[4]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by OnSite Environmental Inc. of Redmond, Washington.

[1]Samples analyzed by EPA Method 8081B.

[2]Samples analyzed by EPA Method 6010C.

[3]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Non cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[4]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

-- = not analyzed

< = less than laboratory reporting limit

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

EPA = U.S. Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

WAC = Washington Administrative Code

LABORATORY REPORTS AND DATA VALIDATION REPORTS ARE AVAILABLE UPON REQUEST

SoundEarth Strategies, Inc.
2811 Fairview Avenue East, Suite 2000
Seattle, Washington 98102

August 24, 2017

Ms. Shannon Straws
Seattle City Light
P.O. Box 30423
Seattle, Washington 98124

SUBJECT: INTERIM ENVIRONMENTAL CHARACTERIZATION REPORT
North Substation Property Vegetation/Landscape Investigation
7500 8th Avenue Northeast
Seattle, Washington
Project Number: 1267-004-01

Dear Ms. Straws:

SoundEarth Strategies, Inc. (SoundEarth) has prepared this letter report to present the results of the near-surface soil sampling within landscaped areas at the North Substation Property, located at 7500 8th Avenue Northeast in Seattle, Washington (the Property). The Property consists of a nearly rectangular tax parcel (King County Parcel No. 0525049003) that covers approximately 201,327 square feet (4.62 acres) of land. The Property is currently occupied by a Seattle City Light substation. The Property location is shown on Figure 1. A site plan with exploration locations is shown on Figure 2.

The purpose of this investigation was to assess metals, petroleum hydrocarbons, pesticides, and herbicides in landscaped areas surrounding the substation, including the sidewalk planter areas. This investigation was conducted in general accordance with the proposal prepared by SoundEarth dated April 11, 2017. This letter report summarizes the field activities and results of the investigation, and provides SoundEarth's conclusions regarding the nature and extent of near-surface soil impacts at the Property.

FIELD WORK

To assess the soil conditions in landscaping areas at the Property, SoundEarth conducted a near-surface soil investigation at the Property on May 18, 2017. Prior to conducting the field activities, a public utility locate service was used to identify the location of underground utilities. Because SoundEarth collected the near-surface soil samples using hand tools, a private utility locate was not conducted.

The investigation consisted of collecting soil samples from 11 sampling areas (Areas 1 through 11) located along the western, southern, and southeastern Property boundaries, as shown on Figure 2. Three discrete soil samples were collected from each area at a depth of 0 to 0.5 foot below ground surface (bgs) using pre-cleaned, stainless steel tools. Prior to collecting each sample, ground cover, vegetation, and organic material were removed from the surface. Each sample was screened in the field for potential evidence of contamination using visual observations and notations of odor, and by

conducting headspace analysis using a photoionization detector (PID) to detect the presence of volatile organic vapors.

Soil samples were placed directly into laboratory-supplied 4-ounce jars, labeled with a unique sample ID, placed on ice in a cooler, and delivered to OnSite Environmental, Inc. of Redmond, Washington, under standard chain-of-custody protocols. The three discrete soil samples collected from each area were composited by the laboratory (one composite for each area) to ensure homogeneity in each composite sample. Each composite sample was analyzed for the following:

- Diesel- and lube oil-range petroleum hydrocarbons (DRPH and ORPH, respectively) by Northwest Total Petroleum Hydrocarbon (NWTPH) Method NWTPH-Dx
- Organochlorine pesticides by U.S. Environmental Protection Agency (EPA) Method 8081B
- Chlorinated acid herbicides by EPA Method 8151A
- Resource Conservation and Recovery Act (RCRA) 8 metals by EPA Methods 7471B or 6010C

Analytical results of composite samples were compared to project action levels, which were established for this project by dividing the Washington State Model Toxics Control Act (MTCA) cleanup level for each analyte by the number of discrete sub-samples from which the composite sample was comprised. If the action level for any analyte was exceeded by the result of a composite sample, the individual discrete sub-samples from that area were then analyzed for that analyte. This sampling methodology ensures that each Composite Soil Sample Area is in compliance with MTCA cleanup levels.

SOIL CONDITIONS AND ANALYTICAL RESULTS

Field screening of soil samples from each of the 11 sampling areas revealed no obvious visual or olfactory indications of soil contamination, and no elevated PID readings were observed in any of the soil samples.

The analytical results for the soil samples collected during the investigation at the Property are presented in Tables 1A through 4B and on Figures 3 and 4. The laboratory analytical report for the samples collected is included in Attachment A.

Composite Soil Sample Results

Composite soil sample analytical results are presented in Tables 1A, 2A, 3, and 4A and summarized below:

- **Petroleum hydrocarbons.** DRPH and/or ORPH were detected in all 11 composite soil samples submitted for analysis at concentrations below the applicable MTCA Method A cleanup levels. Initially, all DRPH detections were flagged by the laboratory as being impacted by hydrocarbons in the lube oil range. ORPH concentrations in the samples collected from Areas 3, 4, 8, 9, and 10 were above the action level established for this project.

  The soil samples contained a high percentage of organic materials, including bark and roots. Due to the potential for organic material causing interference in the analysis (i.e., a false positive), composite soil samples with ORPH concentrations above the action level (Areas 3, 4, 8, 9, and 10) were reanalyzed for DRPH and ORPH after using a silica gel cleanup procedure to remove

polar non-petroleum related compounds. After silica gel cleanup, DRPH was not detected in any of the reanalyzed samples. ORPH was detected in all five samples, but at much lower concentrations than those detected during the initial analysis, and all concentrations were below the action level.

- **Organochlorine pesticides.** The organochlorine pesticide dieldrin was detected at concentrations exceeding the MTCA Method B cleanup level in composite soil samples collected from Areas 1 through 10. Dieldrin was detected in the composite sample from Area 11 at a concentration below the MTCA cleanup level but above the action level for this project. The composite soil samples collected from Areas 4, 6, 7, and 9 contained concentrations of 4,4'-dichlorodiphenyldichloroethylene (4,4'-DDE) below the applicable MTCA cleanup level. The composite sample collected from Area 9 contained a concentration of 4,4'-dichlorodiphenyldichloroethane (4,4**'-**DDD) below the applicable MTCA cleanup level. Composite soil samples collected from Areas 3, 6, and 9 contained concentrations of 4,4'-dichlorodiphenyltrichloroethane (4,4'-DDT) below the applicable MTCA cleanup level. All concentrations of 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT were below the applicable action levels.
- **Chlorinated acid herbicides.** The chlorinated acid herbicide pentachlorophenol was detected at a concentration below the MTCA Method B cleanup level and the project-specific action level in the composite soil sample collected from Area 5. No other herbicides were detected in composite soil samples collected from any of the sampling areas.
- **RCRA 8 Metals.** Lead was detected at a concentration exceeding the applicable MTCA Method A cleanup level in the composite sample collected from Area 2. Lead was detected at concentrations above the project-specific action level in the composite samples collected from Areas 3, 5, 7, and 8. Cadmium was detected at concentrations above the action level in the composite samples collected from Areas 3 and 5. Barium and chromium were detected in all composite soil samples at concentrations below the applicable MTCA cleanup levels and the action levels.

Discrete Soil Sample Results

Based on the composite soil sample analytical results, discrete soil samples were analyzed individually for any sampling areas where the composite soil sample concentrations exceeded the project-specific action level determined for each analyte. Selected discrete soil samples were analyzed for one or more of the following: DRPH, ORPH, organochlorine pesticides, cadmium, and lead. Discrete soil sample analytical results are presented in Tables 1B, 2B, and 4B and summarized below.

- **Petroleum hydrocarbons.** Although none of the composite soil sample DRPH and ORPH results were above the action levels for these analytes, discrete soil samples collected from Areas 1 and 7 were analyzed for DRPH and ORPH by the laboratory for quality control purposes. ORPH was detected in all three samples from both areas at concentrations below the applicable MTCA Method A cleanup level. DRPH was not detected in samples from either area. ORPH concentrations detected in the discrete samples from each area were consistent with the concentrations detected in their respective composite soil samples.
- **Organochlorine pesticides.** Discrete soil samples from all 11 areas were analyzed for organochlorine pesticides. Dieldrin was detected at concentrations exceeding the applicable MTCA cleanup level in at least one discrete sample from all areas except Area 11, with a

maximum concentration of 2,200 micrograms per kilogram detected in sample SS2 collected from Area 9 in the southeast corner of the Property. Dieldrin concentrations for each discrete sample are shown on Figure 3. Samples collected from Areas 2, 3, 4, 5, 6, 7, and 9 contained one or more concentrations of 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT at concentrations below the applicable cleanup levels.

- **RCRA 8 Metals.** Discrete soil samples collected from Areas 2, 3, 5, 7, and 8 were analyzed for lead. Samples collected from Areas 3 and 5 were also analyzed for cadmium. Concentrations of lead exceeding the MTCA Method A cleanup level were detected in one sample each from Areas 2, 5, and 7, as shown on Figure 4. Cadmium concentrations detected in samples from both areas were below the applicable cleanup level.

The discrete soil sample collected from the central portion of Area 5 (NS-05-SS2), which had the highest concentration of total lead (310 milligrams per kilogram), was also analyzed for toxicity characteristic leaching procedure (TCLP) lead by EPA Method 6010C/1311. TCLP lead was not detected above the laboratory reporting limit in this sample.

DATA VALIDATION

SoundEarth contracted with Validata, LLC to conduct a Stage 2A level quality assurance/quality control (QA/QC) review of the analytical results. The data was reviewed using the guidance and quality control criteria documented in the EPA's National Functional Guidelines for Organic Data Review (1999 and 2008). The QC requirements that were reviewed included sample receipt, handling, and holding times, recoveries for method blanks, surrogates, spikes, field duplicates, and reporting limits.

- **Data Flags.** The analytical data for DRPH and ORPH (NWTPH-Dx analysis) were flagged "J" (as estimates) due to the laboratory reporting that lube oil range hydrocarbons (ORPH) impacted the DRPH results. The pesticide results for sample NS-03-SS2 were flagged "J" due to analysis outside of the holding times. The original sample analysis for NS-03-SS2 was conducted without addition of a surrogate standard, therefore the sample had to be rerun outside of holding time. All other QA/QC criteria were confirmed to be acceptable for the soil samples, and the analytical results are considered to be acceptable for use. A copy of the Validata, LLC Data Validation Report is provided as Attachment B.

CONCLUSIONS AND RECOMMENDATIONS

The results of the subsurface investigation indicate that soils at depths of 0 to 6 inches in landscaping areas and planters at the Property are impacted with dieldrin at concentrations exceeding the applicable MTCA cleanup levels. With the exception of samples collected from Area 11 located on the western Property boundary, all sample areas contained at least one discrete soil sample with dieldrin concentrations exceeding the MTCA Method B cleanup level. A total of 20 out of 33 samples contained dieldrin above the MTCA cleanup level. Based on these results, dieldrin-impacted soil appears to be present along the majority of the southern Property boundary, the southern portion of the eastern Property boundary, and the landscaping areas directly west of the western Property boundary.

Lead impacts to near-surface soil appear to be more limited in extent, with only three discrete soil samples containing lead concentrations that exceed the MTCA Method A cleanup level. Lead exceedances were observed in sub-sample SS2 in Area 2 along the western Property boundary, and in

sub-samples SS2 and SS3 collected from Areas 5 and 7, respectively, located along the southern Property boundary. The sample with the highest lead concentration was also analyzed for TCLP lead, which was not detected above the laboratory reporting limit.

No evidence of impacts from DRPH, ORPH, herbicides, or other metals was observed in any of the near-surface soil samples collected from Areas 1 through 11.

SoundEarth recommends conducting hand auger soil borings to a depth of up to 4 feet bgs in Areas 1 through 10 near the highest surface soil detection in each area to determine the depth of the dieldrin impacts in soil. Concentrations of lead exceeding the cleanup level were also detected in these locations in Areas 2 and 5. Therefore, soil samples should be analyzed for lead as well as dieldrin in these two sampling areas. SoundEarth also recommends advancing one additional hand auger boring to a depth of 2 feet bgs in Area 7, where a lead concentration exceeding the MTCA Method A cleanup level was detected, to determine the depth of lead impacts.

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant and are not responsible for the accuracy or validity of work performed by others, or for the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the use of segregated portions of this report.

Respectfully,

SoundEarth Strategies, Inc.

Clare Tochilin, LG
Project Hydrogeologist

Rob Roberts
Senior Scientist

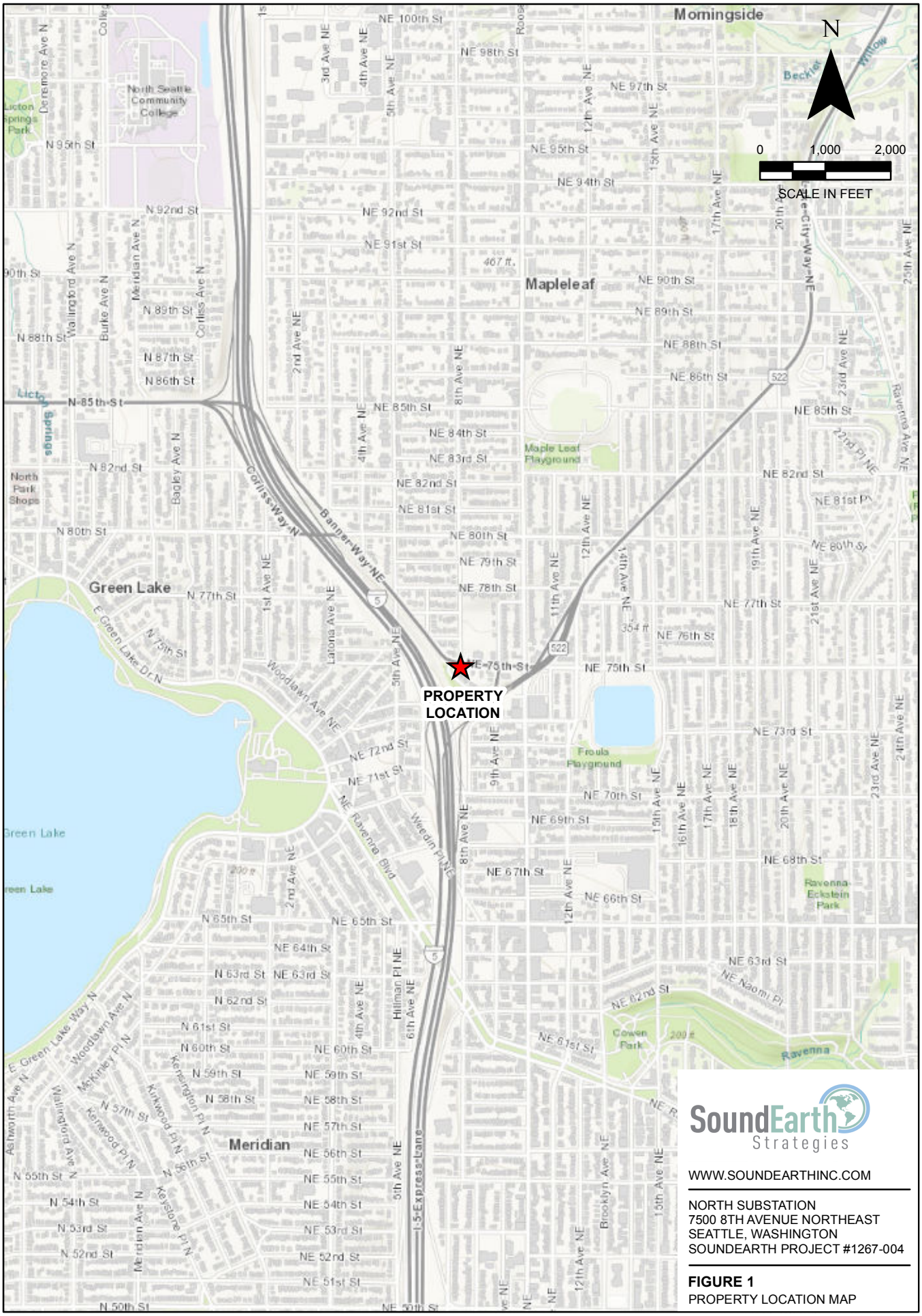
Attachments: Figure 1, Property Location Map
Figure 2, Sub-Sample Location Plan
Figure 3, Soil Sub-Sample Analytical Results for Dieldrin
Figure 4, Soil Sub-Sample Analytical Results for Lead
Table 1A, Composite Soil Sample Analytical Results for TPH
Table 1B, Discrete Soil Sample Analytical Results for TPH
Table 2A, Composite Soil Sample Analytical Results for Pesticides
Table 2B, Discrete Soil Sample Analytical Results for Pesticides

Table 3, Composite Soil Sample Analytical Results for Herbicides
Table 4A, Composite Soil Sample Analytical Results for RCRA 8 Metals
Table 4B, Discrete Soil Sample Analytical Results for RCRA 8 Metals
A, Laboratory Report
OnSite Environmental, Inc. #1705-255
B, Data Validation Report

cc: Ms. Cierra Holland, Seattle City Light

CJT/CER:rt/hsb

FIGURES



SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NORTHEAST
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 1
PROPERTY LOCATION MAP

6/27/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_PP.DWG

9TH AVENUE NORTHEAST

SEATTLE CITY LIGHT NORTH SUBSTATION

8TH AVENUE NORTHEAST

NORTHEAST 75TH STREET

N

0 30 60

APPROXIMATE SCALE IN FEET

AREA 1 — SS1 SS2 SS3

AREA 2 — SS1 SS2 SS3

AREA 3 — SS1 SS2 SS3

AREA 4 — SS1 SS2 SS3

AREA 5 — SS1 SS2 SS3

AREA 6 — SS1 SS2 SS3

AREA 7 — SS1 SS2

AREA 8 — SS1 SS2 SS3

AREA 9 — SS1 SS2 SS3

AREA 10 — SS1 SS2 SS3

AREA 11

LEGEND

- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SAMPLE AREA

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NE
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 2

SUB-SAMPLE LOCATION PLAN

8/18/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_DL.DWG

9TH AVENUE NORTHEAST

NORTHEAST 78TH STREET

NORTHEAST 75TH STREET

SEATTLE CITY LIGHT NORTH SUBSTATION

8TH AVENUE NORTHEAST

AREA 1

AREA 2

AREA 3

AREA 4

AREA 5

AREA 6

AREA 7

AREA 8

AREA 9

AREA 10

AREA 11

SS1 44 SS2 56 SS3 100

SS1 60 SS2 140 SS3 110

SS1 490 SS2 420 SS3 360

SS1 76 SS2 180 SS3 81

SS1 63 SS2 380 SS3 51

SS1 190 SS2 100 SS3 160

SS1 50 SS2 1,300 SS3 18

SS1 16 SS2 2,200 SS3 160

SS1 21 SS2 240 SS3 110

SS1 15 SS2 150 SS3 160

SS1 14 SS2 53 SS3 24

SS3 60

N

0 30 60

APPROXIMATE SCALE IN FEET

LEGEND

- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SS3 — SAMPLE ID
- 160 — DIELDRIN RESULT µg/kg
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD B CLEANUP LEVEL
- SAMPLE AREA
- µg/kg — MICROGRAMS PER KILOGRAM

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NE
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 3
SOIL SUB-SAMPLE ANALYTICAL RESULTS FOR DIELDRIN

8/19/2017

P:\1267 SEATTLE CITY LIGHT\1267-004 NORTH SUBSTATION\TECHNICAL\CAD\2017\1267-004_2017_LEAD.DWG

9TH AVENUE NORTHEAST

NORTHEAST 78TH STREET

NORTHEAST 75TH STREET

8TH AVENUE NORTHEAST

SEATTLE CITY LIGHT NORTH SUBSTATION

AREA 10
SS3
SS2
SS1

AREA 9
SS3
SS2
SS1

AREA 8
SS3 54
SS2 110
SS1 120
SS3 60
SS2 310
SS3 270

AREA 5

AREA 7
SS2 78
SS1 52

AREA 6
SS1
SS2
SS3
SS1 210

AREA 11

AREA 1
SS1
SS2
SS3

AREA 2
SS1 51
SS2 280
SS3 100

AREA 3
SS1 110
SS2 72
SS3 75

AREA 4
SS1
SS2
SS3

N

0 30 60

APPROXIMATE SCALE IN FEET

LEGEND

- DISCRETE SUB-SAMPLE LOCATION
- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SS3 — SAMPLE ID
- 54 — LEAD RESULT □□ □/□□□
- DENOTES CONCENTRATION EXCEEDS MTCA METHOD A CLEANUP LEVEL
- SAMPLE AREA
- □□/□□ — MILLIGRAMS PER KILOGRAM

SoundEarth Strategies

WWW.SOUNDEARTHINC.COM

NORTH SUBSTATION
7500 8TH AVENUE NE
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #1267-004

FIGURE 4
SOIL SUB-SAMPLE ANALYTICAL RESULTS FOR LEAD

TABLES

Table 1A
Composite Soil Sample Analytical Results for TPH
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Sampled By	Date Sampled	Depth (feet bgs)	Analytical Results (milligrams per kilogram)			
				DRPH[1]	ORPH[1]	DRPH[2]	ORPH[2]
NS-COMP-01	SoundEarth	05/18/17	0–0.5	41 N,J	170 J	--	--
NS-COMP-02				43 N,J	320 J	--	--
NS-COMP-03				240 N,J	**1300** J	<83 U1	280
NS-COMP-04				180 N,J	**1100** J	<37	170
NS-COMP-05				61 N,J	400 J	--	--
NS-COMP-06				150 N,J	570 J	--	--
NS-COMP-07				46 N,J	210 J	--	--
NS-COMP-08				160 N,J	**790** J	<41	220
NS-COMP-09				140 N,J	**790** J	<41	190
NS-COMP-10				240 N,J	**960** J	<57 U1	260
NS-COMP-11				<35 J	160 J	--	--
Project Action Level[3]				**667**	**667**	**667**	**667**
MTCA Cleanup Level for Soil[4]				**2,000**	**2,000**	**2,000**	**2,000**

NOTES:

Bold denotes concentration exceeds Project Action Level but below MTCA Cleanup Level.

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[1]Analyzed by Method NWTPH-Dx.

[2]Analyzed by Method NWTPH-Dx,with sample extract treated with a sulfuric acid/silica gel cleanup procedure.

[3]Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

[4]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

Laboratory Notes:

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

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

[JR]esult flagged as estimated.

-- = not analyzed/not applicable

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

DRPH = diesel-range petroleum hydrocarbons

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = oil-range petroleum hydrocarbons

SoundEarth = SoundEarth Strategies, Inc.

TPH = total petroleum hydrocarbons

WAC = Washington Administrative Code

Table 1B
Discrete Soil Sample Analytical Results for TPH
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Sampled By	Date Sampled	Depth (feet bgs)	Analytical Results (milligrams per kilogram)	
				DRPH[(1)]	ORPH[(1)]
NS-01-SS1	SoundEarth	05/18/17	0–0.5	<38	120
NS-01-SS2				<32	160
NS-01-SS3				<47	310
NS-07-SS1				<36	220
NS-07-SS2				<37	170
NS-07-SS3				<45[U1]	360
MTCA Cleanup Level for Soil[(2)]				**2,000**	**2,000**

NOTES:

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[(1)]Analyzed by Method NWTPH-Dx.

[(2)]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

Laboratory Note:

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

< = not detected at a concentration exceeding the laboratory reporting limit
bgs = below ground surface
DRPH = diesel-range petroleum hydrocarbons
MTCA = Washington State Model Toxics Control Act
NWTPH = Northwest Total Petroleum Hydrocarbon
ORPH = oil-range petroleum hydrocarbons
SoundEarth = SoundEarth Strategies, Inc.
TPH = total petroleum hydrocarbons
WAC = Washington Administrative Code

Table 2B
Discrete Soil Sample Analytical Results for Pesticides
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results[1] (micrograms per kilogram)																				
			alpha-BHC	gamma-BHC	beta-BHC	delta-BHC	Heptachlor	Aldrin	Heptachlor Epoxide	gamma-Chlordane	alpha-Chlordane	Total Chlordane	4,4'-DDE	Endosulfan I	Dieldrin	Endrin	4,4'-DDD	Endosulfan II	4,4'-DDT	Endrin Aldehyde	Methoxychlor	Endosulfan Sulfate	Endrin Ketone	Toxaphene
NS-01-SS1	05/18/17	0–0.5	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15	<15	<30	<15	<7.6	44	<15	<15	<15	<15	<15	<15	<15	<15	<76
NS-01-SS2			<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<13	<26	<13	<6.4	56	<13	<13	<13	<13	<13	<13	<13	<13	<64
NS-01-SS3			<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<9.3	<19	<19	<38	<19	<9.3	100	<19	<19	<19	<19	<19	<19	<19	<19	<93
NS-02-SS1			<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<15	<15	<30	<15	<7.3	60	<15	<15	<15	<15	<15	<15	<15	<15	<73
NS-02-SS2			<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15	<15	<30	<15	<7.7	140	<15	<15	<15	<15	<15	<15	<15	<15	<77
NS-02-SS3			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	<14	<7.1	110	<14	<14	<14	<14	<14	<14	<14	<14	<71
NS-03-SS1			<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<13	<26	<13	<6.7	490	<13	<13	<13	<13	<13	<13	<13	<13	<67
NS-03-SS2			<7.9[J]	<7.9[J]	<7.9[J]	<7.9[J]	<7.9[J]	<7.9[J]	<7.9[J]	<16[J]	<16[J]	<32[J]	<16[J]	<7.9[J]	420[J]	<16[J]	<16[J]	<16[J]	<16[J]	<16[J]	<16[J]	<16[J]	<16[J]	<79[J]
NS-03-SS3			<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16	<16	<32	27	<8.2	360	<16	<16	<16	<16	<16	<16	<16	<16	<82
NS-04-SS1			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	<14	<7.1	76	<14	<14	<14	<14	<14	<14	<14	<14	<71
NS-04-SS2			<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<15	<15	<30	17	<7.5	180	<15	<15	<15	<15	<15	<15	<15	<15	<75
NS-04-SS3			<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<14	<28	17	<7.2	81	<14	<14	<14	<14	<14	<14	<14	<14	<72
NS-05-SS1			<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<15	<15	<30	<15	<7.3	<15	<15	<15	<15	<15	<15	<15	<15	<15	<73
NS-05-SS2			<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<13	<13	<26	<13	<6.7	1,300	<13	<13	<13	27	<13	<13	<13	<13	<67
NS-05-SS3			<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<13	<13	<26	<13	<6.3	60	<13	<13	<13	<13	<13	<13	<13	<13	<63
NS-06-SS1			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	370	<7.1	63	<14	160	<14	190	<14	<14	<14	<14	<71
NS-06-SS2			<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<14	<28	<14	<6.8	380	<14	<14	<14	<14	<14	<14	<14	<14	<68
NS-06-SS3			<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<15	<15	<30	<15	<7.5	51	<15	<15	<15	16	<15	<15	<15	<15	<75
NS-07-SS1			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	18	<7.1	190	<14	<14	<14	<14	<14	<14	<14	<14	<71
NS-07-SS2			<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<15	<15	<30	<15	<7.4	100	<15	<15	<15	<15	<15	<15	<15	<15	<74
NS-07-SS3			<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<17	<17	<34	<17	<8.4	18	<17	<17	<17	<17	<17	<17	<17	<17	<84
NS-08-SS1			<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<16	<16	<32	<16	<7.8	50	<16	<16	<16	<16	<16	<16	<16	<16	<78
NS-08-SS2			<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<14	<28	<14	<6.8	150	<14	<14	<14	<14	<14	<14	<14	<14	<68
NS-08-SS3			<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<9.7	<19	<19	<38	<19	<9.7	160	<19	<19	<19	<19	<19	<19	<19	<19	<97
NS-09-SS1			<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<16	<16	<32	110	<7.9	<16	<16	77	<16	22	<16	<16	<16	<16	<79
NS-09-SS2			<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<15	<15	<30	22	<7.4	2,200	<15	<15	<15	<15	<15	<15	<15	<15	<74
NS-09-SS3			<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<8.9	<18	<18	<36	<18	<8.9	160	<18	<18	<18	<18	<18	<18	<18	<18	<89
NS-10-SS1			<10	<10	<10	<10	<10	<10	<10	<21	<21	<42	<21	<10	<21	<21	<21	<21	<21	<21	<21	<21	<21	<100
NS-10-SS2			<10	<10	<10	<10	<10	<10	<10	<20	<20	<40	<20	<10	240	<20	<20	<20	<20	<20	<20	<20	<20	<100
NS-10-SS3			<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<15	<15	<30	<15	<7.6	110	<15	<15	<15	<15	<15	<15	<15	<15	<76
NS-11-SS1			<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<14	<28	<14	<6.8	<14	<14	<14	<14	<14	<14	<14	<14	<14	<68
NS-11-SS2			<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<14	<28	<14	<6.8	53	<14	<14	<14	<14	<14	<14	<14	<14	<68
NS-11-SS3			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	<14	<7.1	24	<14	<14	<14	<14	<14	<14	<14	<14	<71
MTCA Cleanup Level for Soil			**158.73**[3]	**909**[3]	**555**[3]	**NE**	**222**[3]	**58.8**[3]	**109.89**[3]	**NE**	**NE**	**2,857**[3]	**2,941**[3]	**NE**	**62.5**[3]	**24,000**[2]	**4,166**[3]	**NE**	**2,941**[3]	**NE**	**400,000**[2]	**480,000**[2]	**NE**	**909**[3]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[1]Samples analyzed by EPA Method 8081B.

[2]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Non cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[3]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

Laboratory Note:

[J]Result flagged as estimated.

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

BHC = hexachlorocyclohexane

CLARC = Cleanup Levels and Risk Calculations

DDD = dichlorodiphenyldichloroethane

DDE = dichlorodiphenyldichloroethylene

DDT = dichlorodiphenyltrichloroethane

EPA = U.S. Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

NE = not established

WAC = Washington Administrative Code

Table 2A
Composite Soil Sample Analytical Results for Pesticides
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results[1] (micrograms per kilogram)																				
			alpha-BHC	gamma-BHC	beta-BHC	delta-BHC	Heptachlor	Aldrin	Heptachlor Epoxide	gamma-Chlordane	alpha-Chlordane	Total Chlordane	4,4'-DDE	Endosulfan I	Dieldrin	Endrin	4,4'-DDD	Endosulfan II	4,4'-DDT	Endrin Aldehyde	Methoxychlor	Endosulfan Sulfate	Endrin Ketone	Toxaphene
NS-COMP-01	05/18/17	0–0.5	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<16	<16	<32	<16	<7.8	**130**	<16	<16	<16	<16	<16	<16	<16	<16	<78
NS-COMP-02			<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<14	<14	<28	<14	<7.1	**130**	<14	<14	<14	<14	<14	<14	<14	<14	<71
NS-COMP-03			<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<16	<16	<32	<16	<7.8	**450**	<16	<16	<16	18	<16	<16	<16	<16	<78
NS-COMP-04			<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<15	<15	<30	20	<7.3	**140**	<15	<15	<15	<15	<15	<15	<15	<15	<73
NS-COMP-05			<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<14	<14	<28	<14	<6.8	**420**	<14	<14	<14	<14	<14	<14	<14	<14	<68
NS-COMP-06			<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14	<14	<28	110	<7.2	**270**	<14	<14	<14	120	<14	<14	<14	<14	<72
NS-COMP-07			<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<15	<15	<30	21	<7.7	**180**	<15	<15	<15	<15	<15	<15	<15	<15	<77
NS-COMP-08			<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16	<16	<32	<16	<8.2	**230**	<16	<16	<16	<16	<16	<16	<16	<16	<82
NS-COMP-09			<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<16	<16	<32	70	<8.2	**620**	<16	33	<16	74	<16	<16	<16	<16	<82
NS-COMP-10			<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<17	<17	<34	<17	<8.6	**230**	<17	<17	<17	<17	<17	<17	<17	<17	<86
NS-COMP-11			<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<14	<14	<28	<14	<7.0	**37**	<14	<14	<14	<14	<14	<14	<14	<14	<70
Project Action Level[2]			**52.91**	**303**	**185**	**NE**	**74**	**19.6**	**36.63**	**NE**	**NE**	**952**	**980**	**NE**	**20.8**	**8,000**	**1,389**	**NE**	**980**	**NE**	**133,333**	**160,000**	**NE**	**303**
MTCA Cleanup Level for Soil			**158.73[4]**	**909[4]**	**555[4]**	**NE**	**222[4]**	**58.8[4]**	**109.89[4]**	**NE**	**NE**	**2,857[4]**	**2,941[4]**	**NE**	**62.5[4]**	**24,000[3]**	**4,166[4]**	**NE**	**2,941[4]**	**NE**	**400,000[3]**	**480,000[3]**	**NE**	**909[4]**

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Bold denotes concentration exceeds Project Action Level but below MTCA Cleanup Level.

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[1]Samples analyzed by EPA Method 8081B.

[2]Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

[3]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Non cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[4]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

BHC = hexachlorocyclohexane

CLARC = Cleanup Levels and Risk Calculations

DDD = dichlorodiphenyldichloroethane

DDE = dichlorodiphenyldichloroethylene

DDT = dichlorodiphenyltrichloroethane

EPA = U.S. Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

NE = not established

WAC = Washington Administrative Code

Table 3
Composite Soil Sample Analytical Results for Herbicides
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Sampled By	Date Sampled	Depth (feet bgs)	Analytical Results[1] (micrograms per kilogram)										
				Dalapon	Dicamba	MCPP	MCPA	Dichlorprop	2,4-D	Pentachlorophenol	2,4,5-TP (Silvex)	2,4,5-T	2,4-DB	Dinoseb
NS-COMP-01	SoundEarth	05/18/17	0–0.5	<360	<15	<1,500	<1,500	<110	<15	<7.4	<15	<15	<15	<15
NS-COMP-02				<330	<13	<1,300	<1,300	<100	<13	<6.7	<13	<13	<13	<13
NS-COMP-03				<360	<15	<1,500	<1,500	<110	<15	<7.4	<15	<15	<15	<15
NS-COMP-04				<340	<14	<1,400	<1,400	<100	<14	<7.0	<14	<14	<14	<14
NS-COMP-05				<310	<13	<1,300	<1,300	<96	<13	9.1	<13	<13	<13	<13
NS-COMP-06				<330	<14	<1,400	<1,400	<100	<14	<6.9	<14	<14	<14	<14
NS-COMP-07				<350	<14	<1,400	<1,400	<110	<14	<7.3	<15	<15	<15	<15
NS-COMP-08				<370	<15	<1,500	<1,500	<120	<15	<7.8	<16	<15	<15	<15
NS-COMP-09				<380	<15	<1,500	<1,500	<120	<15	<7.8	<16	<16	<16	<16
NS-COMP-10				<390	<16	<1,600	<1,600	<120	<16	<8.2	<16	<16	<16	<16
NS-COMP-11				<320	<13	<1,300	<1,300	<99	<13	<6.6	<13	<13	<13	<13
Project Action Level[2]				**800,000**	**800,000**	**26,667**	**3,333**	**NE**	**266,667**	**833**	**213,333**	**266,667**	**213,333**	**26,667**
MTCA Cleanup Level for Soil				**2,400,000[3]**	**2,400,000[3]**	**80,000[3]**	**10,000[3]**	**NE**	**800,000[3]**	**2,500[4]**	**640,000[3]**	**800,000[3]**	**640,000[3]**	**80,000[3]**

NOTES:

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

Bold denotes concentration exceeds Project Action Level but below MTCA Cleanup Level.

[1]Samples analyzed by EPA Method 8151A.

[2]Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

[3]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Non cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[4]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

< = not detected at a concentration exceeding the laboratory reporting limit

2,4,5-T = 2,4,5-trichlorophenoxyacetic acid

2,4,5-TP = 2-(2,4,5-trichlorophenoxy)propanoic acid

2,4-D = 2,4-dichlorophenoxyacetic acid

2,4-DB = 4-(2,4-dichlorophenoxy)butyric acid

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

EPA = U.S. Environmental Protection Agency

MCPA = 2-methyl-4-chlorophenoxyacetic acid

MCPP = mecoprop or methylchlorophenoxypropionic acid

MTCA = Washington State Model Toxics Control Act

NE = not established

SoundEarth = SoundEarth Strategies, Inc.

WAC = Washington Administrative Code

Table 4A
Composite Soil Sample Analytical Results for RCRA 8 Metals
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results[1] (milligrams per kilogram)							
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NS-COMP-01	05/18/17	0–0.5	<16	110	<0.78	47	53	<0.39	<16	<1.6
NS-COMP-02			<14	85	<0.71	47	**260**	<0.35	<14	<1.4
NS-COMP-03			<16	84	**0.80**	50	**92**	<0.39	<16	<1.6
NS-COMP-04			<15	81	<0.73	58	72	<0.37	<15	<1.5
NS-COMP-05			<14	86	**0.91**	44	**210**	<0.34	<14	<1.4
NS-COMP-06			<14	87	<0.72	41	45	<0.36	<14	<1.4
NS-COMP-07			<15	98	<0.77	49	**160**	<0.38	<15	<1.5
NS-COMP-08			<16	100	<0.82	47	**110**	<0.41	<16	<1.6
NS-COMP-09			<16	220	<0.82	39	63	<0.41	<16	<1.6
NS-COMP-10			<17	110	<0.86	44	35	<0.43	<17	<1.7
NS-COMP-11			<14	83	<0.70	66	27	<0.35	<14	<1.4
Project Action Level[2]			**6.7**	**5333**	**0.67**	**667**	**83**	**0.67**	**133**	**133**
MTCA Cleanup Level for Soil			**20[3]**	**16,000[4]**	**2[3]**	**2,000[3]**	**250[3]**	**2[3]**	**400[4]**	**400[4]**

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Bold denotes concentration exceeds Project Action Level but below MTCA Cleanup Level.

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[1]Samples analyzed by EPA Method 6010C/7471B.

[2]Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

[3]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

[4]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Noncancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

< = not detected at a concentration exceeding the laboratory reporting limit

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

EPA = U.S. Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

RCRA = Resource Conservation and Recovery Act

WAC = Washington Administrative Code

Table 4B
Discrete Soil Sample Analytical Results for RCRA 8 Metals
Seattle City Light, North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results								
			Total Metals[1] (milligrams per kilogram)								TCLP[2] (milligrams per liter)
			Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Lead
NS-02-SS1	05/18/17	0–0.5	--	--	--	--	51	--	--	--	--
NS-02-SS2			--	--	--	--	**280**	--	--	--	--
NS-02-SS3			--	--	--	--	100	--	--	--	--
NS-03-SS1			--	--	<0.67	--	110	--	--	--	--
NS-03-SS2			--	--	1.2	--	72	--	--	--	--
NS-03-SS3			--	--	<0.82	--	75	--	--	--	--
NS-05-SS1			--	--	0.76	--	210	--	--	--	--
NS-05-SS2			--	--	1.5	--	**310**	--	--	--	<0.20
NS-05-SS3			--	--	<0.63	--	60	--	--	--	--
NS-07-SS1			--	--	--	--	52	--	--	--	--
NS-07-SS2			--	--	--	--	78	--	--	--	--
NS-07-SS3			--	--	--	--	**270**	--	--	--	--
NS-08-SS1			--	--	--	--	120	--	--	--	--
NS-08-SS2			--	--	--	--	110	--	--	--	--
NS-08-SS3			--	--	--	--	54	--	--	--	--
MTCA Cleanup Level for Soil			**20**[3]	**16,000**[4]	**2**[3]	**2,000**[3]	**250**[3]	**2**[3]	**400**[4]	**400**[4]	**5**[5]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by OnSite Environmental, Inc. of Redmond, Washington.

[1]Samples analyzed by EPA Method 6010C/7471B.

[2]Samples analyzed by EPA Method 6010C and 1311.

[3]MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

[4]MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Noncancer, Direct Contact, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[5]Maximum concentration of contaminants for the toxicity characteristic, Section 090(8) of Chapter 173-303 of the WAC.

< = not detected at a concentration exceeding the laboratory reporting limit

-- = no data

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

EPA = U.S. Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

RCRA = Resource Conservation and Recovery Act

TCLP = Toxicity characteristic leaching procedure

WAC = Washington Administrative Code

LABORATORY REPORTS AND DATA VALIDATION REPORTS ARE AVAILABLE UPON REQUEST

APPENDIX B

TCLP, FISH BIOASSAY, AND ADA RAMP CHARACTERIZATION LABORATORY ANALYTICAL REPORTS

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
1011 Klickitat Way Ste 212
Seattle, WA 98134

RE: 1267-004
Work Order Number: 2306469

June 28, 2023

Attention Clare Tochilin:

Fremont Analytical, Inc. received 6 sample(s) on 6/27/2023 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Nolan Conway

Date: *06/28/2023*

CLIENT: SoundEarth Strategies, Inc.
Project: 1267-004
Work Order: 2306469

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2306469-001	NS-04-HA3-0.5	06/27/2023 11:16 AM	06/27/2023 2:10 PM
2306469-002	NS-04-HA3-1.0	06/27/2023 11:19 AM	06/27/2023 2:10 PM
2306469-003	NS-04-HA3-2.0	06/27/2023 11:24 AM	06/27/2023 2:10 PM
2306469-004	NS-04-HA2-0.5	06/27/2023 11:05 AM	06/27/2023 2:10 PM
2306469-005	NS-04-HA2-1.0	06/27/2023 11:09 AM	06/27/2023 2:10 PM
2306469-006	NS-04-HA2-2.0	06/27/2023 11:12 AM	06/27/2023 2:10 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2306469**
Date: **6/28/2023**

CLIENT: SoundEarth Strategies, Inc.
Project: 1267-004

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2306469**
Date Reported: **6/28/2023**

Client: SoundEarth Strategies, Inc.
Collection Date: 6/27/2023 11:16:00 AM
Project: 1267-004
Lab ID: 2306469-001
Matrix: Soil
Client Sample ID: **NS-04-HA3-0.5**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 40764		Analyst: SK
Dieldrin	ND	0.0102		mg/Kg-dry	1	6/28/2023 11:16:46 AM
Surr: Decachlorobiphenyl	67.8	43.8 - 173		%Rec	1	6/28/2023 11:16:46 AM
Surr: Tetrachloro-m-xylene	83.2	36.6 - 156		%Rec	1	6/28/2023 11:16:46 AM
Sample Moisture (Percent Moisture)				Batch ID: R84971		Analyst: ALB
Percent Moisture	3.21	0.500		wt%	1	6/27/2023 5:16:38 PM

Analytical Report

Work Order: **2306469**
Date Reported: **6/28/2023**

Client: SoundEarth Strategies, Inc.
Collection Date: 6/27/2023 11:19:00 AM
Project: 1267-004
Lab ID: 2306469-002
Matrix: Soil
Client Sample ID: **NS-04-HA3-1.0**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 40764		Analyst: SK
Dieldrin	ND	0.0104		mg/Kg-dry	1	6/28/2023 11:26:27 AM
Surr: Decachlorobiphenyl	67.0	43.8 - 173		%Rec	1	6/28/2023 11:26:27 AM
Surr: Tetrachloro-m-xylene	82.1	36.6 - 156		%Rec	1	6/28/2023 11:26:27 AM
Sample Moisture (Percent Moisture)				Batch ID: R84971		Analyst: ALB
Percent Moisture	4.24	0.500		wt%	1	6/27/2023 5:16:38 PM

Analytical Report

Work Order: **2306469**
Date Reported: **6/28/2023**

Client: SoundEarth Strategies, Inc.
Collection Date: 6/27/2023 11:05:00 AM
Project: 1267-004
Lab ID: 2306469-004
Matrix: Soil
Client Sample ID: **NS-04-HA2-0.5**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 40764		Analyst: SK
Dieldrin	ND	0.00984		mg/Kg-dry	1	6/28/2023 11:36:14 AM
Surr: Decachlorobiphenyl	69.2	43.8 - 173		%Rec	1	6/28/2023 11:36:14 AM
Surr: Tetrachloro-m-xylene	84.1	36.6 - 156		%Rec	1	6/28/2023 11:36:14 AM
Sample Moisture (Percent Moisture)				Batch ID: R84971		Analyst: ALB
Percent Moisture	4.50	0.500		wt%	1	6/27/2023 5:16:38 PM

Analytical Report

Work Order: **2306469**
Date Reported: **6/28/2023**

Client: SoundEarth Strategies, Inc.
Collection Date: 6/27/2023 11:09:00 AM
Project: 1267-004
Lab ID: 2306469-005
Matrix: Soil
Client Sample ID: **NS-04-HA2-1.0**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 40764		Analyst: SK
Dieldrin	ND	0.0104		mg/Kg-dry	1	6/28/2023 11:45:56 AM
Surr: Decachlorobiphenyl	69.4	43.8 - 173		%Rec	1	6/28/2023 11:45:56 AM
Surr: Tetrachloro-m-xylene	85.1	36.6 - 156		%Rec	1	6/28/2023 11:45:56 AM
Sample Moisture (Percent Moisture)				Batch ID: R84971		Analyst: ALB
Percent Moisture	4.38	0.500		wt%	1	6/27/2023 5:16:38 PM

Work Order: 2306469
CLIENT: SoundEarth Strategies, Inc.
Project: 1267-004

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-40764** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/27/2023** RunNo: **84991**
Client ID: **MBLKS** Batch ID: **40764** Analysis Date: **6/27/2023** SeqNo: **1773986**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.176		0.2000		88.1	43.8	173				
Surr: Tetrachloro-m-xylene	2.09		2.000		104	36.6	156				

Sample ID: **LCS1-40764** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/27/2023** RunNo: **84991**
Client ID: **LCSS** Batch ID: **40764** Analysis Date: **6/27/2023** SeqNo: **1773987**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.224	0.0100	0.2000	0	112	66.3	142				
Surr: Decachlorobiphenyl	0.176		0.2000		88.1	43.8	173				
Surr: Tetrachloro-m-xylene	2.01		2.000		100	36.6	156				

Sample ID: **2306385-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/27/2023** RunNo: **84991**
Client ID: **BATCH** Batch ID: **40764** Analysis Date: **6/27/2023** SeqNo: **1773991**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.252	0.0105	0.2098	0	120	53.2	160				
Surr: Decachlorobiphenyl	0.185		0.2098		88.4	43.8	173				
Surr: Tetrachloro-m-xylene	2.14		2.098		102	36.6	156				

Sample ID: **2306385-002AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **6/27/2023** RunNo: **84991**
Client ID: **BATCH** Batch ID: **40764** Analysis Date: **6/27/2023** SeqNo: **1773992**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.238	0.0104	0.2087	0	114	53.2	160	0.2522	5.70	30	
Surr: Decachlorobiphenyl	0.181		0.2087		86.8	43.8	173		0		
Surr: Tetrachloro-m-xylene	2.08		2.087		99.4	36.6	156		0		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2306469
Logged by:	Clare Griggs	Date Received:	6/27/2023 2:10:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☑ No ☐ NA ☐

Person Notified:	Clare Tochlin	Date:	6/27/2023
By Whom:	Clare Griggs	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirming analysis.		
Client Instructions:	See revised COC.		

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	1.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical — An Alliance Technical Group Company
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 6/27/23 | Page: 2 of: 2

Laboratory Project No (internal): ~~2306464~~ 2306469

6/27/23 -cg

Special Remarks: Direct bill to Seattle City Light

edit per CT 6/27/23 -cg

Client: SoundEarth // Seattle City Light

Project Name: 1267-004

Project No: 1267-004 / 1267-007

Address: 1011 Klickitat Way SW

Collected by: Nolan Conway

City, State, Zip: Seattle, WA 98134

Location: North Substation

Telephone:

Report To (PM): Clare Tochilin

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

Email(s): ctochilin@soundearthinc.com, nconway@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-04-HA3-0.5	6/27/23	1116	S	1												X	
2	NS-04-HA3-1.0	6/27/23	1119	S	1												X	
3	NS-04-HA3-2.0	6/27/23	1124	S	1													HOLD
4	NS-04-HA2-0.5	6/27/23	1105	S	1												X	
5	NS-04-HA2-1.0	6/27/23	1109	S	1												X	
6	NS-04-HA2-2.0	6/27/23	1112	S	1													HOLD
7																		
8																		
9																		
10					NCC 6/27/23													

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☒ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Nolan Conway	Nolan Conway	6/27/23 1410	x ET	Emma Tuck	6/27/23 14:10
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
1011 Klickitat Way Ste 212
Seattle, WA 98134

RE: North Substation Property
Work Order Number: 2403024

March 21, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 1 sample(s) on 3/1/2024 for the analyses presented in the following report.

Fish Toxicity Test by WSDOE Publication 8-12
Metals (EPA 6020B) with TCLP Extraction (EPA 1311)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *03/21/2024*

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403024

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403024-001	NS-07-HA2-01-TCLP	03/01/2024 10:48 AM	03/01/2024 12:02 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403024**
Date: **3/21/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.
2403024-001B
M-TCLP-6020 has been Sub Contracted.
2403024-001A
BIO-FISH TOX has been Sub Contracted.

3/21/24: Rev 1 includes additional analysis per client request.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2403024**
Date Reported: **3/21/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/1/2024 10:48:00 AM
Project: North Substation Property
Lab ID: 2403024-001
Matrix: Soil
Client Sample ID: **NS-07-HA2-01-TCLP**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Metals by EPA Method 6020				Batch ID: 43315		Analyst: ME
Lead	1,810	127	D	mg/Kg-dry	100	3/21/2024 11:20:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R90267		Analyst: MP
Percent Moisture	17.9	0.500		wt%	1	3/18/2024 8:33:31 AM

Work Order: 2403024
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-43315**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **MBLKS**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885074**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.984									

Sample ID: **LCS-43315**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **LCSS**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885075**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	18.9	0.912	18.25	0	103	80	120				

Sample ID: **2403336-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **BATCH**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885078**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.1	1.19	23.87	2.551	107	75	125				

Sample ID: **2403336-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **BATCH**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885079**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23.3	1.14	22.72	2.551	91.2	75	125	28.13	18.9	20	

Work Order: 2403024
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Metals (EPA 6020B) with TCLP Extraction (EPA 1311)

Sample ID: **MB-43161**	SampType: **MBLK**			Units: **mg/L**		Prep Date: **3/5/2024**		RunNo: **90073**		
Client ID: **MBLKS**	Batch ID: **43161**					Analysis Date: **3/6/2024**		SeqNo: **1879269**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200									

Sample ID: **LCS-43161**	SampType: **LCS**			Units: **mg/L**		Prep Date: **3/5/2024**		RunNo: **90073**		
Client ID: **LCSS**	Batch ID: **43161**					Analysis Date: **3/6/2024**		SeqNo: **1879270**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.53	0.200	2.500	0	101	65	135				

Sample ID: **2402556-001ADUP**	SampType: **DUP**			Units: **mg/L**		Prep Date: **3/5/2024**		RunNo: **90073**		
Client ID: **BATCH**	Batch ID: **43161**					Analysis Date: **3/6/2024**		SeqNo: **1879272**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.342	0.200						0.3534	3.37	30	

Sample ID: **2402556-001AMS**	SampType: **MS**			Units: **mg/L**		Prep Date: **3/5/2024**		RunNo: **90073**		
Client ID: **BATCH**	Batch ID: **43161**					Analysis Date: **3/6/2024**		SeqNo: **1879274**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.78	0.200	2.500	0.3534	96.9	65	135				

Sample ID: **2402556-001AMSD**	SampType: **MSD**			Units: **mg/L**		Prep Date: **3/5/2024**		RunNo: **90073**		
Client ID: **BATCH**	Batch ID: **43161**					Analysis Date: **3/6/2024**		SeqNo: **1879277**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.84	0.200	2.500	0.3534	99.4	65	135	2.776	2.20	30	

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

March 6, 2024

Brianna Barnes, Project Manager
Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103

Dear Ms Barnes:

Included are the results from the testing of material submitted on March 5, 2024 from the Omega COCID 1990, F&BI 403068 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: sea.pm@alliancetg.com
FRE0306R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 5, 2024 by Friedman & Bruya, Inc. from the Fremont Analytical Omega COCID 1990, F&BI 403068 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Fremont Analytical
403068 -01	NS-07-HA2-01-TCL

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	NS-07-HA2-01-TCL	Client:	Fremont Analytical
Date Received:	03/05/24	Project:	Omega COCID 1990
Date Extracted:	03/06/24	Lab ID:	403068-01
Date Analyzed:	03/06/24	Data File:	403068-01.042
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	3.5	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	Fremont Analytical
Date Received:	Not Applicable	Project:	Omega COCID 1990
Date Extracted:	03/06/24	Lab ID:	I4-177 mb
Date Analyzed:	03/06/24	Data File:	I4-177 mb.040
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

Date of Report: 03/06/24
Date Received: 03/05/24
Project: Omega COCID 1990, F&BI 403068

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 403068-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/L (ppm)	1.0	3.5	84 b	65 b	75-125	26 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	96	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

Fremont Analytical
An Alliance Technical Group Company

CHAIN OF CUSTODY RECORD

Omega COCID 1990 | PAGE: 1 | OF: 1

403068

03/05/24 L5

ADDRESS
Fremont Analytical, Inc.
3600 Fremont Ave. N.
Seattle, WA 98103
TEL: 206-352-3790
FAX: 206-352-7178
Website: www.fremontanalytical.com

SUB CONTRATOR: **Friedman & Bruya** COMPANY: **Friedman & Bruya**	SPECIAL INSTRUCTIONS / COMMENTS: TCLP Pb. ASAP RUSH TAT. Please email results to SEA.PM@alliancetg.com
ADDRESS: **3012 16th Avenue West**	
CITY, STATE, ZIP: **Seattle, WA 98119**	
PHONE: **(206) 285-8282** FAX: EMAIL:	
ACCOUNT #:	

Lab ID	ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
01	1	2403024-001B	NS-07-HA2-01-TCL	CLEAR JARS 4 O	Soil	3/1/2024 10:48:00 AM	1	TCLP extract has been tumbled and filtered.
		M-TCLP-6020						

Samples received at 0 °C

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
	3/5/24	1305		03/05/24	15:49
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☐ **RUSH** Next BD ☐ 2nd BD ☐ 3rd BD ☐

Note: RUSH requests will incur surcharges!

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples _____ °C Attempt to Cool ? _____
Comments: _____

Rainier ENVIRONMENTAL

Dangerous Waste Characterization

Sample ID: 2403024-001A

Report date: March 19, 2024

Submitted to:

Fremont Analytical
3600 Fremont Ave N
Seattle, WA 98103

Rainier Environmental
5013 Pacific Hwy East
Suite 20
Tacoma, WA 98424

1.0 INTRODUCTION

A dangerous waste characterization using the test organism *Oncorhynchus mykiss* (rainbow trout) was conducted on one sample submitted by Fremont Analytical to Rainier Environmental. Testing was conducted following the Washington State Department of Ecology Publication 80-12.

2.0 METHODS

The sample, identified as 2403024-001A, was received in the laboratory on March 14, 2024. Upon arrival at the laboratory the sample was inspected, and contents verified against information provided on the chain-of-custody form. The sample was stored at 4°C in the dark until use. The test procedure is outlined in Table 1.

Table 1. Summary of Dangerous Waste Characterization Test Conditions

Parameter	Standard Fish Toxicity Test
Test number	2403-039
Sample ID	2403024-001A
Test initiation date; time	3/15/2024; 0925h
Test termination date; time	3/19/2024; 0925h
Endpoint	Mortality at 96-hours
Test chamber	7.5 L Plastic tank
Test temperature	12 ± 1°C
Dilution water	Moderately hard synthetic water
Test solution volume	6 L
Test concentrations (mg/L)	100, 10, 0
Number of organisms/chamber	10
Number of replicates	3
Test organism	*Oncorhynchus mykiss* (rainbow trout)
Feeding	No feeding during test
Photoperiod	16 hours light/ 8 hours dark
Extraction	Rotary agitation (30 +/- 2 rpm) for 18 hours
Reference Toxicant	Copper sulfate
Deviations	None

The test organisms used in the test are outlined in Table 2. The sample was tested using fish received on January 23, 2024.

Table 2. Test organisms (*Oncorhynchus mykiss*)

Test organism age	73 days post swim-up (hatch date 12/19/2023)
Mean weight	0.44 g
Mean length	44 mm
Ratio of longest to shortest	1.1
Loading	0.73 g/L
Test organism source	Thomas Fish; Anderson, CA

3.0 RESULTS

A summary of results for the dangerous waste characterization conducted on sample 2403024-001A is contained in Table 3. There was no mortality during the test. Based on these results, the sample does not designate as either dangerous or extremely hazardous waste. Copies of the laboratory bench sheets, statistical summaries of reference toxicant tests, and chain-of-custody form are provided in Appendices A through C.

Table 3. Summary of Results

Sample ID	Concentration (mg/L)	Survival (# fish, N=30)	Percent Mortality	Dangerous Waste Designation
Control	0	30	0	NA
2403024-001A	10	30	0	None
	100	30	0	

4.0 QUALITY ASSURANCE

The most recently completed reference toxicant test was initiated February 19, 2024. The LC_{50} of 152 µg/L copper fell within the acceptable range of mean ± two standard deviations of historical test results indicating that the test organisms were of an appropriate degree of sensitivity. The coefficient of variation (CV) for the last 20 tests was 33.6 percent, which is considered excellent by the Biomonitoring Science Advisory Board.

5.0 REFERENCES

WDOE. 2016. Laboratory Guidance and Whole Effluent Toxicity Test Review Criteria. Washington State Department of Ecology. Water Quality Program. Publication number: WQ-R-95-80, Revised June 2016.

WDOE. 2020. Biological Testing Methods 80-12 for the Designation of Dangerous Waste. Washington State Department of Ecology. Hazardous Waste and Toxics Reduction Program. Publication number: 80-12, Revised September 2020.

Appendix A
Oncorhynchus mykiss Dangerous Waste Toxicity Test
Raw Bench Sheets

Dangerous Waste Toxicity Test

Client: Fremont Analytical
Sample ID: 2403024 - 001A
Test #: 2403-039
Log In #: T24-115

Start Date & Time: 3/15/2024 0925
End Date & Time: 3/19/2024 0925
Test Organism: *Oncorhynchus mykiss*
Test Protocol: **Washington State Department of Ecology Publ. 80-12**

Rep	Conc.	Cont #	Number of Live Organisms 0	24	48	72	96	Dissolved Oxygen (mg/L) 0	24	48	72	96	pH (units) 0	24	48	72	96	Conductivity (umhos/cm) 0	24	48	72	96	Temperature (°C) 0	24	48	72	96	Percent Survival
1	CON	17	10	10	10	10	10	9.0	8.5	8.3	8.0	7.9	7.92	7.67	7.52	7.37	7.23	331				342	11.7	12.2	12.4	11.9	12.1	
2		5	10	10	10	10	10	8.6	8.2	8.1	7.8	7.6	7.97	7.71	7.49	7.29	7.24	330				335						
3		23	10	10	10	10	10	8.9	8.6	8.4	8.2	8.1	7.91	7.74	7.46	7.33	7.27	334				337						
1	10 PPM	27	10	10	10	10	10	8.7	8.5	8.3	8.0	8.0	7.94	7.71	7.55	7.27	7.23	337				341	11.8	12.0	12.4	11.9	12.1	
2		4	10	10	10	10	10	8.8	8.4	8.2	7.8	7.7	7.98	7.75	7.52	7.30	7.19	335				340						
3		15	10	10	10	10	10	9.1	8.6	8.3	7.9	7.8	7.91	7.75	7.49	7.31	7.18	334				338						
1	100 PPM	22	10	10	10	10	10	8.9	8.6	8.4	8.2	8.1	7.92	7.72	7.48	7.34	7.23	333				342	11.8	12.1	12.3	11.9	12.0	
2		12	10	10	10	10	10	8.6	8.3	8.1	7.9	7.8	7.93	7.70	7.55	7.28	7.24	332				338						
3		7	10	10	10	10	10	9.8	8.5	8.4	8.1	8.0	7.90	7.73	7.54	7.29	7.21	337				341						
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
1																												
2																												
3																												
Technician Initials			af	et	et	af	et	af	et	et	af	et																

Sample	Alk. (init.)	Hard. (init.)	Alk. (fin.)	Hard. (fin.)	Chlorine
	(mg/L as CaCO3)				(mg/L Cl2)
Control	64	88	64	88	<0.03
100PPM	64	88	64	88	

Test Volume: 6.0L
Animal Source: Thomas Fish Co.
Date of Hatch: 12/19/2023
Date Received: 1/23/2024
Date of Swim up: 1/2/2024

Weights (g): .41 .44 .47 .42 .45 .45 .48 .43 .42 .41 μ = .44
Lengths(mm): 41 45 45 43 45 46 47 44 43 42 μ = 44
Length max/min: 47/41 1.1
Loading: 0.73 g/L

Rainier Environmental
Washington Laboratory
5013 Pacific HWY E Suite 20
Tacoma, WA 98424

Dilution Water Source: MHSW 039
QA Check et

Appendix B

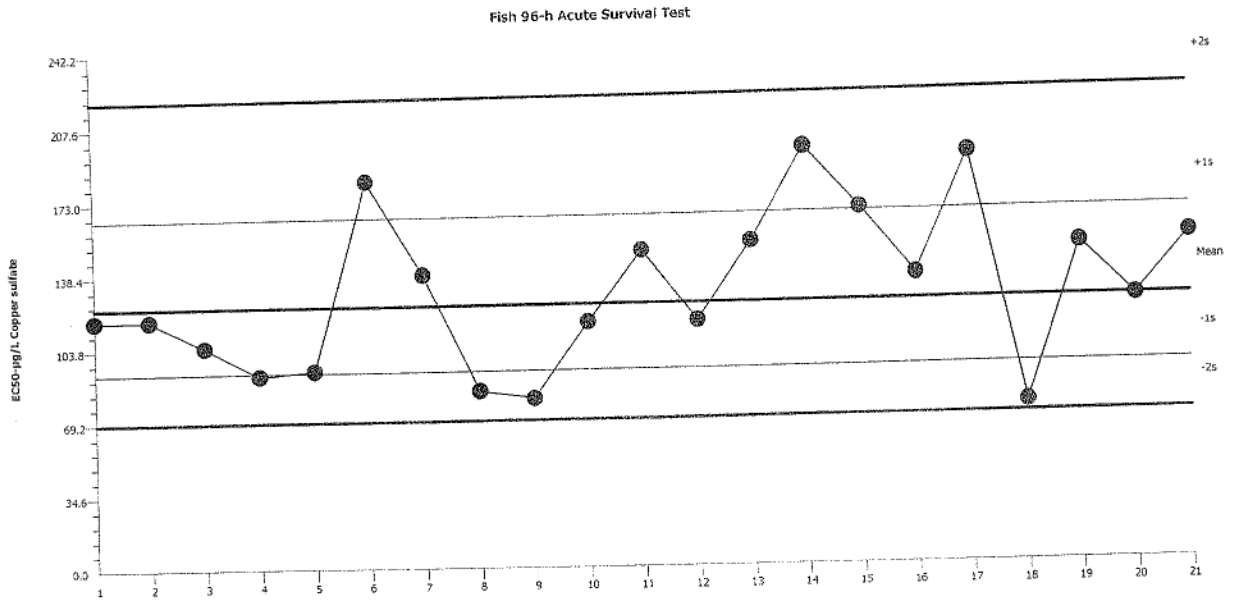
Reference Toxicant Test

Control Chart and Statistical Summary

CETIS QC Plot

Fish 96-h Acute Survival Test — Rainier Environmental Laboratory

Test Type: Survival (96h) **Organism:** Oncorhynchus mykiss (Rainbow Tro **Material:** Copper sulfate
Protocol: Not Applicable **Endpoint:** 96h Survival Rate **Source:** Reference Toxicant-REF



Mean:	123.5	**Count:**	20	**-1s Warning Limit:**	92.43	**-2s Action Limit:**	69.19
Sigma:	NA	**CV:**	33.60%	**+1s Warning Limit:**	164.9	**+2s Action Limit:**	220.3

Quality Control Data

Point	Year	Month	Day	QC Data	Delta	Sigma	Warning	Action	Test ID	Analysis ID
1	2022	Jun	13	117.6	-5.915	-0.1695			02-1194-6933	14-6655-2671
2		Jul	11	117.6	-5.915	-0.1695			18-9490-6426	20-8229-8763
3		Aug	12	104.7	-18.74	-0.5684			16-1269-6384	20-8498-8487
4		Sep	14	91.17	-32.3	-1.047	(-)		21-3997-4244	00-3631-7496
5		Oct	10	93.3	-30.17	-0.9673			01-3925-6404	03-9134-1193
6		Nov	14	182.3	58.87	1.346	(+)		09-0829-7750	07-1545-0995
7		Dec	12	138.2	14.72	0.3889			02-0643-2090	02-3247-9401
8	2023	Jan	12	83.12	-40.35	-1.366	(-)		10-5717-9012	06-2162-7195
9		Feb	13	79.37	-44.1	-1.526	(-)		19-2977-9552	20-0081-1333
10		Mar	13	114.9	-8.6	-0.2493			14-1992-9075	20-3196-8530
11		Apr	14	148.1	24.64	0.6283			00-0643-4903	11-5830-8594
12		May	15	114.9	-8.6	-0.2493			06-5181-9947	15-0207-5859
13		Jun	13	151.6	28.1	0.7081			16-7900-9504	12-9379-3365
14		Jul	14	194.7	71.27	1.573	(+)		19-5463-0764	04-3793-4724
15		Aug	16	166.2	42.78	1.027	(+)		09-9289-7634	17-7520-8601
16		Sep	14	135	11.56	0.3092			12-1486-5790	02-2172-0773
17		Oct	16	191	67.5	1.506	(+)		07-7576-3580	13-9069-2935
18		Nov	17	74.05	-49.42	-1.765	(-)		03-6255-0089	08-7324-1183
19		Dec	16	148.1	24.64	0.6283			20-5210-2121	01-2201-7702
20	2024	Jan	16	123.1	-0.3558	-0.009964			15-0593-0372	10-9133-1092
21		Feb	19	151.6	28.1	0.7081			21-1626-2254	19-1914-3016

CETIS Summary Report

Rainier Environmental Laboratory

Fish 96-h Acute Survival Test

Batch ID:	03-8288-2798	Test Type:	Survival (96h)	Analyst:	Eric Tollefson
Start Date:	19 Feb-24 13:15	Protocol:	Not Applicable	Diluent:	Mod-Hard Synthetic Water
Ending Date:	23 Feb-24 13:15	Species:	Oncorhynchus mykiss	Brine:	
Duration:	96h	Source:	Trout Lodge Fish Farm	Age:	46d
Sample ID:	13-0768-0192	Code:	RA021924OM	Client:	Internal Lab
Sample Date:	19 Feb-24	Material:	Copper sulfate	Project:	
Receive Date:	19 Feb-24	Source:	Reference Toxicant		
Sample Age:	13h	Station:	In House		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
01-5206-9358	96h Survival Rate	100	200	141.4	23.5%		Dunnett Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
19-1914-3016	96h Survival Rate	LC50	151.6	130.9	175.5		Spearman-Kärber

96h Survival Rate Summary

C-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	%Effect
0	Dilution Water	3	1	1	1	1	1	0	0	0.0%	0.0%
25		3	1	1	1	1	1	0	0	0.0%	0.0%
50		3	1	1	1	1	1	0	0	0.0%	0.0%
100		3	0.8333	0.7763	0.8904	0.7	1	0.08819	0.1528	18.33%	16.67%
200		3	0.2667	0.1727	0.3606	0	0.5	0.1453	0.2517	94.37%	73.33%
400		3	0	0	0	0	0	0	0		100.0%

96h Survival Rate Detail

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	1	1	1
25		1	1	1
50		1	1	1
100		1	0.8	0.7
200		0.3	0.5	0
400		0	0	0

96h Survival Rate Binomials

C-µg/L	Control Type	Rep 1	Rep 2	Rep 3
0	Dilution Water	10/10	10/10	10/10
25		10/10	10/10	10/10
50		10/10	10/10	10/10
100		10/10	8/10	7/10
200		3/10	5/10	0/10
400		0/10	0/10	0/10

Appendix C
Chain-of-Custody Form

CHAIN OF CUSTODY RECORD

Omega COCID 2002	PAGE: 1	OF: 1

ADDRESS
Fremont Analytical, Inc.
3600 Fremont Ave. N.
Seattle, WA 98103
TEL: 206-352-3790
FAX: 206-352-7178
Website: www.fremontanalytical.com

SUB CONTRATOR: **RAINIER** COMPANY: **Rainier Environmental**

ADDRESS: **5013 Pacific Hwy E**

CITY, STATE, ZIP: **Fife, WA 98424**

PHONE: **(253) 922-8898** FAX: EMAIL:

ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:
Standard TAT. Please email results to SEA.PM@alliancetg.com

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
1	2403024-001A	NS-07-HA2-01-TCL	CLEAR JARS 4 O	Soil	3/1/2024 10:48:00 AM	1	
	BIO-FISH TOX						

T24-115

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
	3/12/24	843	Lee Tollefson	3/14	1000
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☐ **RUSH** Next BD ☐ 2nd BD ☐ 3rd BD ☐

Note: RUSH requests will incur surcharges!

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples _____ °C Attempt to Cool ? _____
Comments: _____

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403024
Logged by:	Clare Griggs	Date Received:	3/1/2024 12:02:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☑ No ☐ NA ☐

Person Notified:	Clare Tochilin	Date:	3/5/2024
By Whom:	Brianna/Clare Griggs	Via:	☑ eMail ☑ Phone ☐ Fax ☐ In Person
Regarding:	Metals delay due to instrument issue.		
Client Instructions:	OK to subcontract to ensure rush TAT.		

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	2.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

2403024

Fremont Analytical

An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 03/01/24 Page: 1 of: 1

Project Name: North Substation Property

Project No: 1267-004

Collected by: BDB

Location: 1300 North 97th Street

Report To (PM): Clare Tachilin

Laboratory Project No (internal):

Special Remarks: Hold additional soil pending fish bioassay approval

Bill to Seattle City Light scl_apinvoice@seattle.gov

Disposal: Samples will be disposed in 30 days unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

Client: SoundEarth Strategies Inc.

Address: 1011 SW Klickitat Way

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1903

Email(s): ctachilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	TCLP Lead (Pb)	Comments
1	NS-07-HA2-01-TCLP	03/01/24	1048	Soil	3												X		
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

BDB 03/01/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☒ 2 Day (specify)

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booth	Brennan Booth	03/01/24 1202	x	Briana Ballard	3/1 12:02
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

2403024

Fremont Analytical

An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 03/01/24 Page: 1 of: 1

Laboratory Project No (internal):

Project Name: North Substation Property

Special Remarks: Hold additional soil pending fish bioassay approval

Project No: 1267-004

Collected by: BDB

Bill to Seattle City Light scl_apinvoice@seattle.gov

Location: 1300 North 97th Street

Report To (PM): Clare Tachiin

Disposal: Samples will be disposed in 30 days unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

Client: SoundEarth Strategies Inc.

Address: 1011 SW Klickitat Way

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1903

Email(s): ctachiin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	TCLP Lead (Pb)	Comments
1	NS-07-HA2-01-TCLP	03/01/24	1048	Soil	3												X		+Fish Bioassay
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Edits per C.T. 3/11/2024
Standard TAT -BB

BDB 03/01/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☒ 2 Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booth	Brennan Booth	03/01/24 1202	x	Briana Ballard	3/1 12:02
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

2403024

Fremont Analytical

An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 03/01/24 Page: 1 of: 1

Laboratory Project No (internal):

Project Name: North Substation Property

Special Remarks: Hold additional soil pending fish bioassay approval

Project No: 1267-004

Collected by: BDB

Bill to Seattle City Light scl_apinvoice@seattle.gov

Location: 1300 North 97th Street

Report To (PM): Clare Tachiin

Disposal: Samples will be disposed in 30 days unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

Client: SoundEarth Strategies Inc.

Address: 1011 SW Klickitat Way

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1903

Email(s): ctachiin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	TCLP Lead (Pb)	Comments
1	NS-07-HA2-01-TCLP	03/01/24	1048	So:l	3									X			X		+Fish Bioassay
2																			Additional analysis per C.T. STD TAT 3/14/2024 -BB
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

BDB 03/01/24

Edits per C.T. 3/11/2024
Standard TAT -BB

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☒ 2 Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booth	Brennan Booth	03/01/24 1202	x	Briana Ballard	3/1 12:02
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

APPENDIX C
PHOTOGRAPHS

PROPERTY PHOTOGRAPHS

North Substation Property
7500 8th Avenue Northeast
Seattle, Washington

Project No.:	**1267-004-06**
Date:	**April 19, 2024**
Drawn By:	**CJT**
Chk By:	**RKB**

Photograph 1. View of Areas 2, 3, and 4 on 8th Avenue Northeast prior to excavation, looking south.

Photograph 2. View of Area 1 on 8th Avenue Northeast prior to excavation, looking north.

Photograph 3. View of Area 6B on 8th Avenue Northeast prior to excavation, looking east.

Photograph 4. Hydrovac potholing near subsurface electrical infrastructure in Area 4, looking southwest.

Photograph 5. Removal of tree stump debris in Area 1, looking north.

Photograph 6. Excavation of contaminated soil to a depth of 1 foot in Area 2, looking north.

Photograph 7. Removal of contaminated soil to a depth of 1 to 1.5 feet in Area 3, looking southwest.

Photograph 8. View of Areas 2 and 3 after excexcavation to a depth of 1 foot, looking north.

Photograph 9. Removal of contaminated soil in Area 6B to a depth of 1 foot, looking southeast.

Photograph 10. View of Area 6B after excavation to a depth of 1 foot, looking southeast.

Photograph 11. View of Area 3 after excavation to a depth of 1 foot, looking south.

Photograph 12. Backfilling of Area 2 with Type 17 material, looking southwest.

Photograph 13. Collection of soil sample at base of utility pole in Area 3, looking west.

Photograph 14. Removal of contaminated soil to a depth of 1 foot in Area 4, looking south.

Photograph 15. Removal of contaminated soil in Area 4 outside of ADA ramp curb radius, looking north.

Photograph 16. View of Area 5 on Northeast 75th Street prior to excavation, looking east.

Photograph 17. Test pitting for confirmation soil sample collection in Area 5, looking west.

Photograph 18. Backfilling of southern portion of Area 4 with Type 17 material, looking southwest.

Photograph 19. Southern portion of Area 3 following excavation to a depth of 1.5 feet, looking north.

Photograph 20. Excavation of Area 1 to a depth of 2 feet, looking northwest.

Photograph 21. Placement of Type 17 material in Area 6B, looking south.

Photograph 22. Placement of topsoil in Areas 4 and 6B, looking north.

Photograph 23. Removal of contaminated soil to a depth of 2 feet in Area 5, looking west.

Photograph 24. Backfilling of eastern portion of Area 5 with Type 17 material, looking east.

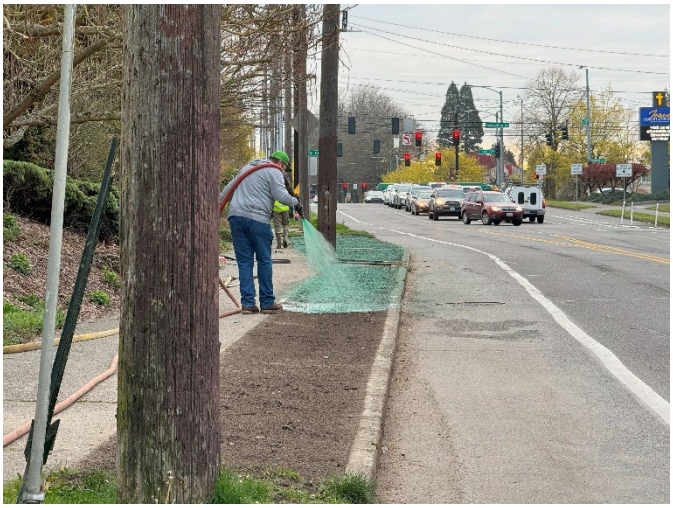
Photograph 25. Excavation and backfilling around utility pole vault in Area 5, looking east.

Photograph 26. Placement of topsoil in Area 5, looking east.

Photograph 27. Placement of topsoil in Areas 2 and 3, looking north.

Photograph 28. Placement of topsoil in Area 1, looking northeast.

Photograph 29. Limited excavation of Area 7A to a depth of 1 foot, looking southwest.



Photograph 30. Hydroseeding of Area 5, looking east.

Photograph 31. Hydroseeding of Areas 4 and 6B, looking north.

Photograph 32. Hydroseeding of Area 2, looking southwest.

Photograph 33. Final condition of Area 1, looking north.

Photograph 34. Final condition of Areas 2 and 3, looking northeast.

Photograph 35. Final condition of Areas 3, 4, and 6B, looking southeast.

Photograph 36. Final condition of Area 5, looking east.

APPENDIX D
EXCAVATION LABORATORY ANALYTICAL REPORTS

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
1011 Klickitat Way Ste 212
Seattle, WA 98134

RE: North Substation Property
Work Order Number: 2403314

March 19, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 13 sample(s) on 3/18/2024 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *03/19/2024*

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403314

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403314-001	NS-01-VER01-02	03/18/2024 12:38 PM	03/18/2024 3:23 PM
2403314-002	NS-01-VER01-2.5	03/18/2024 12:44 PM	03/18/2024 3:23 PM
2403314-003	NS-01-VER01-03	03/18/2024 1:00 PM	03/18/2024 3:23 PM
2403314-004	NS-01-VER01-3.5	03/18/2024 1:08 PM	03/18/2024 3:23 PM
2403314-005	NS-01-VER01-04	03/18/2024 1:13 PM	03/18/2024 3:23 PM
2403314-006	NS-01-VER02-02	03/18/2024 1:34 PM	03/18/2024 3:23 PM
2403314-007	NS-01-VER02-2.5	03/18/2024 1:39 PM	03/18/2024 3:23 PM
2403314-008	NS-01-VER02-03	03/18/2024 1:43 PM	03/18/2024 3:23 PM
2403314-009	NS-01-VER02-3.5	03/18/2024 1:46 PM	03/18/2024 3:23 PM
2403314-010	NS-01-VER02-04	03/18/2024 1:50 PM	03/18/2024 3:23 PM
2403314-011	NS-01-VER03-02	03/18/2024 2:15 PM	03/18/2024 3:23 PM
2403314-012	NS-01-VER03-2.5	03/18/2024 2:19 PM	03/18/2024 3:23 PM
2403314-013	NS-01-VER03-03	03/18/2024 2:21 PM	03/18/2024 3:23 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403314**
Date: **3/19/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2403314**
Date Reported: **3/19/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/18/2024 12:38:00 PM
Project: North Substation Property
Lab ID: 2403314-001
Matrix: Soil
Client Sample ID: **NS-01-VER01-02**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0123		mg/Kg-dry	1	3/18/2024 7:01:00 PM
Surr: Decachlorobiphenyl	62.2	37 - 160		%Rec	1	3/18/2024 7:01:00 PM
Surr: Tetrachloro-m-xylene	95.8	43.2 - 155		%Rec	1	3/18/2024 7:01:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	19.6	0.500		wt%	1	3/19/2024 9:35:05 AM

Analytical Report

Work Order: **2403314**
Date Reported: **3/19/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/18/2024 1:34:00 PM
Project: North Substation Property
Lab ID: 2403314-006
Matrix: Soil
Client Sample ID: **NS-01-VER02-02**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0122		mg/Kg-dry	1	3/18/2024 7:49:12 PM
Surr: Decachlorobiphenyl	69.7	37 - 160		%Rec	1	3/18/2024 7:49:12 PM
Surr: Tetrachloro-m-xylene	118	43.2 - 155		%Rec	1	3/18/2024 7:49:12 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	20.3	0.500		wt%	1	3/19/2024 9:35:05 AM

Analytical Report

Work Order: **2403314**
Date Reported: **3/19/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/18/2024 2:15:00 PM
Project: North Substation Property
Lab ID: 2403314-011
Matrix: Soil
Client Sample ID: **NS-01-VER03-02**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0110		mg/Kg-dry	1	3/18/2024 8:37:27 PM
Surr: Decachlorobiphenyl	72.6	37 - 160		%Rec	1	3/18/2024 8:37:27 PM
Surr: Tetrachloro-m-xylene	122	43.2 - 155		%Rec	1	3/18/2024 8:37:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	15.2	0.500		wt%	1	3/19/2024 9:35:05 AM

Work Order: 2403314
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43298** SampType: **MBLK** Units: **mg/Kg** Prep Date: **3/18/2024** RunNo: **90313**
Client ID: **MBLKS** Batch ID: **43298** Analysis Date: **3/18/2024** SeqNo: **1883833**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.123		0.2000		61.6	43.8	173				
Surr: Tetrachloro-m-xylene	0.196		0.2000		97.9	36.6	156				

Sample ID: **LCS1-43298** SampType: **LCS** Units: **mg/Kg** Prep Date: **3/18/2024** RunNo: **90313**
Client ID: **LCSS** Batch ID: **43298** Analysis Date: **3/18/2024** SeqNo: **1883834**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.155	0.0100	0.2000	0	77.3	63.1	156				
Surr: Decachlorobiphenyl	0.108		0.2000		54.1	37	160				
Surr: Tetrachloro-m-xylene	0.173		0.2000		86.5	43.2	155				

Sample ID: **LCS1D-43298** SampType: **LCSD** Units: **mg/Kg** Prep Date: **3/18/2024** RunNo: **90313**
Client ID: **LCSS02** Batch ID: **43298** Analysis Date: **3/18/2024** SeqNo: **1883835**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.164	0.0100	0.2000	0	82.1	63.1	156	0.1547	5.99	30	
Surr: Decachlorobiphenyl	0.119		0.2000		59.7	37	160		0		
Surr: Tetrachloro-m-xylene	0.186		0.2000		92.9	43.2	155		0		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403314
Logged by:	Morgan Wilson	Date Received:	3/18/2024 3:23:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	5.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/18/24 Page: 1 of: 2

Laboratory Project No (internal): 2403314

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	~~NS-01-VER01-02~~ NS-01-VER01-02	03/18/24	1238	Soil	1													X	
2	NS-01-VER01-2.5		1249		1													X	
3	NS-01-VER01-03		1308		1													X	
4	NS-01-VER01-3.5		1308		1													X	
5	NS-01-VER01-04		1313		1													X	
6	NS-01-VER02-02		1334		1													X	
7	NS-01-VER02-2.5		1339		1													X	
8	NS-01-VER02-03		1343		1													X	
9	NS-01-VER02-3.5		1346		1													X	
10	NS-01-VER02-04		1350		1													X	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ~~1 Day (24 hrs)~~ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/18/24 1523	x	Gwaycee Hein-Gipson	3/18/24 1523
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/18/24 Page: 2 of: 2

Laboratory Project No (internal): 2403314

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Boehr

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-01-VER03-02	03/18/24	1415	Soil													X		
2 NS-01-VER03-2.5	"	1419	"													X		
3 NS-01-VER03-03	"	1421	"													X		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

BDB 03/18/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Boehr	Brennan Boehr	03/18/24/1523	x	Grayce Hein-Gibson	3/18/24 1523
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/18/24 Page: 1 of: 2

Laboratory Project No (internal): 2403314

Client: SoundEarth Strategies, Inc./SCL
Address: 1011 SW Klickitat Way, Suite 212
City, State, Zip: Seattle, WA 98134
Telephone: 206-306-1900
Fax: 206-306-1907

Project Name: North Substation Property
Project No: 1267-004
Collected by: Brennan Booker
Location: 7500 8th Avenue NE, Seattle, WA
Report To (PM): Clare Tochilin
PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Update per BB
3/18/24 LR

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	~~NS-01-VER01-02~~ NS-01-VER01-02	03/18/24	1238	Soil	1												X	
2	NS-01-VER01-2.5		1249		1												X	3 samples for Dieldrin. Remaining
3	NS-01-VER01-03		1308		1												X	Samples to be placed on hold.
4	NS-01-VER01-3.5		1308		1												X	
5	NS-01-VER01-04		1313		1												X	
6	NS-01-VER02-02		1334		1												X	
7	NS-01-VER02-2.5		1339		1												X	
8	NS-01-VER02-03		1343		1												X	
9	NS-01-VER02-3.5		1346		1												X	
10	NS-01-VER02-04		1350		1												X	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ~~1 Day (24 hrs)~~ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/18/24 1523	x	Gwaycee Hein-Gipson	3/18/24 1523
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/18/24 Page: 2 of: 2

Laboratory Project No (internal): 2403314

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Bosch

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-01-VER03-02	03/18/24	1415	Soil														X	3 samples for Dieldrin. Remaining Samples to be placed on hold.
2	NS-01-VER03-2.5	"	1419	"														X	
3	NS-01-VER03-03	"	1421	"														X	
4																			
5																			
6																			
7																			
8																			
9																			
10																			

BDB 03/18/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Bosch	Brennan Bosch	03/18/24/1523	x	Grayce Hein-Gibson	3/18/24 1523
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
2811 Fairview Ave E, Ste 2000
Seattle, WA 98102

RE: North Substation Property
Work Order Number: 2403336

March 22, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 50 sample(s) on 3/19/2024 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403336

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403336-001	NS-02-VER01-01	03/19/2024 8:42 AM	03/19/2024 4:50 PM
2403336-002	NS-02-VER01-1.5	03/19/2024 8:43 AM	03/19/2024 4:50 PM
2403336-003	NS-02-VER01-02	03/19/2024 8:45 AM	03/19/2024 4:50 PM
2403336-004	NS-02-VER01-2.5	03/19/2024 8:46 AM	03/19/2024 4:50 PM
2403336-005	NS-02-VER01-03	03/19/2024 8:48 AM	03/19/2024 4:50 PM
2403336-006	NS-02-VER02-01	03/19/2024 11:14 AM	03/19/2024 4:50 PM
2403336-007	NS-02-VER02-1.5	03/19/2024 11:16 AM	03/19/2024 4:50 PM
2403336-008	NS-02-VER02-02	03/19/2024 11:18 AM	03/19/2024 4:50 PM
2403336-009	NS-02-VER02-2.5	03/19/2024 11:20 AM	03/19/2024 4:50 PM
2403336-010	NS-02-VER02-03	03/19/2024 11:22 AM	03/19/2024 4:50 PM
2403336-011	NS-03-VER01-01	03/19/2024 11:48 AM	03/19/2024 4:50 PM
2403336-012	NS-03-VER01-1.5	03/19/2024 11:50 AM	03/19/2024 4:50 PM
2403336-013	NS-03-VER01-02	03/19/2024 11:52 AM	03/19/2024 4:50 PM
2403336-014	NS-03-VER01-2.5	03/19/2024 11:54 AM	03/19/2024 4:50 PM
2403336-015	NS-03-VER01-03	03/19/2024 11:56 AM	03/19/2024 4:50 PM
2403336-016	NS-03-VER02-01	03/19/2024 12:08 PM	03/19/2024 4:50 PM
2403336-017	NS-03-VER02-1.5	03/19/2024 12:10 PM	03/19/2024 4:50 PM
2403336-018	NS-03-VER02-02	03/19/2024 12:12 PM	03/19/2024 4:50 PM
2403336-019	NS-03-VER02-2.5	03/19/2024 12:14 PM	03/19/2024 4:50 PM
2403336-020	NS-03-VER02-03	03/19/2024 12:16 PM	03/19/2024 4:50 PM
2403336-021	NS-03-VER03-01	03/19/2024 1:34 PM	03/19/2024 4:50 PM
2403336-022	NS-03-VER03-1.5	03/19/2024 1:36 PM	03/19/2024 4:50 PM
2403336-023	NS-03-VER03-02	03/19/2024 1:38 PM	03/19/2024 4:50 PM
2403336-024	NS-03-VER03-2.5	03/19/2024 1:40 PM	03/19/2024 4:50 PM
2403336-025	NS-03-VER03-03	03/19/2024 1:42 PM	03/19/2024 4:50 PM
2403336-026	NS-04-VER01-01	03/19/2024 1:48 PM	03/19/2024 4:50 PM
2403336-027	NS-04-VER01-1.5	03/19/2024 1:50 PM	03/19/2024 4:50 PM
2403336-028	NS-04-VER01-02	03/19/2024 1:52 PM	03/19/2024 4:50 PM
2403336-029	NS-04-VER01-2.5	03/19/2024 1:54 PM	03/19/2024 4:50 PM
2403336-030	NS-04-VER01-03	03/19/2024 1:56 PM	03/19/2024 4:50 PM
2403336-031	NS-04-VER02-01	03/19/2024 2:20 PM	03/19/2024 4:50 PM
2403336-032	NS-04-VER02-1.5	03/19/2024 2:22 PM	03/19/2024 4:50 PM
2403336-033	NS-04-VER02-02	03/19/2024 2:24 PM	03/19/2024 4:50 PM
2403336-034	NS-04-VER02-2.5	03/19/2024 2:26 PM	03/19/2024 4:50 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT:	SoundEarth Strategies, Inc.
Project:	North Substation Property
Work Order:	2403336

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403336-035	NS-04-VER02-03	03/19/2024 2:28 PM	03/19/2024 4:50 PM
2403336-036	NS-04-VER03-01	03/19/2024 2:32 PM	03/19/2024 4:50 PM
2403336-037	NS-04-VER03-1.5	03/19/2024 2:34 PM	03/19/2024 4:50 PM
2403336-038	NS-04-VER03-02	03/19/2024 2:36 PM	03/19/2024 4:50 PM
2403336-039	NS-04-VER03-2.5	03/19/2024 2:38 PM	03/19/2024 4:50 PM
2403336-040	NS-04-VER03-03	03/19/2024 2:40 PM	03/19/2024 4:50 PM
2403336-041	NS-06B-VER01-01	03/19/2024 2:50 PM	03/19/2024 4:50 PM
2403336-042	NS-06B-VER01-1.5	03/19/2024 2:52 PM	03/19/2024 4:50 PM
2403336-043	NS-06B-VER01-02	03/19/2024 2:56 PM	03/19/2024 4:50 PM
2403336-044	NS-06B-VER01-2.5	03/19/2024 2:58 PM	03/19/2024 4:50 PM
2403336-045	NS-06B-VER01-03	03/19/2024 2:58 PM	03/19/2024 4:50 PM
2403336-046	NS-06B-VER02-01	03/19/2024 3:00 PM	03/19/2024 4:50 PM
2403336-047	NS-06B-VER02-1.5	03/19/2024 3:02 PM	03/19/2024 4:50 PM
2403336-048	NS-06B-VER02-02	03/19/2024 3:04 PM	03/19/2024 4:50 PM
2403336-049	NS-06B-VER02-2.5	03/19/2024 3:06 PM	03/19/2024 4:50 PM
2403336-050	NS-06B-VER02-03	03/19/2024 3:08 PM	03/19/2024 4:50 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403336**
Date: **3/22/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 8:42:00 AM
Project: North Substation Property
Lab ID: 2403336-001
Matrix: Soil
Client Sample ID: **NS-02-VER01-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0108		mg/Kg-dry	1	3/20/2024 12:32:40 PM
Surr: Decachlorobiphenyl	46.6	37 - 160		%Rec	1	3/20/2024 12:32:40 PM
Surr: Tetrachloro-m-xylene	67.9	43.2 - 155		%Rec	1	3/20/2024 12:32:40 PM
Total Metals by EPA Method 6020				Batch ID: 43315		Analyst: ME
Lead	2.55	1.04		mg/Kg-dry	1	3/20/2024 3:47:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	11.3	0.500		wt%	1	3/20/2024 4:27:18 PM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 11:14:00 AM
Project: North Substation Property
Lab ID: 2403336-006
Matrix: Soil
Client Sample ID: **NS-02-VER02-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0115		mg/Kg-dry	1	3/20/2024 12:42:18 PM
Surr: Decachlorobiphenyl	38.3	37 - 160		%Rec	1	3/20/2024 12:42:18 PM
Surr: Tetrachloro-m-xylene	55.4	43.2 - 155		%Rec	1	3/20/2024 12:42:18 PM
Total Metals by EPA Method 6020				Batch ID: 43315		Analyst: ME
Lead	13.6	1.11		mg/Kg-dry	1	3/20/2024 3:58:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	16.4	0.500		wt%	1	3/20/2024 4:27:18 PM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 11:48:00 AM
Project: North Substation Property
Lab ID: 2403336-011
Matrix: Soil
Client Sample ID: **NS-03-VER01-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.0155	0.0114		mg/Kg-dry	1	3/20/2024 12:51:59 PM
Surr: Decachlorobiphenyl	40.9	37 - 160		%Rec	1	3/20/2024 12:51:59 PM
Surr: Tetrachloro-m-xylene	57.1	43.2 - 155		%Rec	1	3/20/2024 12:51:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	19.0	0.500		wt%	1	3/20/2024 4:27:18 PM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 12:08:00 PM
Project: North Substation Property
Lab ID: 2403336-016
Matrix: Soil
Client Sample ID: **NS-03-VER02-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0123		mg/Kg-dry	1	3/20/2024 1:01:42 PM
Surr: Decachlorobiphenyl	51.5	37 - 160		%Rec	1	3/20/2024 1:01:42 PM
Surr: Tetrachloro-m-xylene	68.1	43.2 - 155		%Rec	1	3/20/2024 1:01:42 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	20.7	0.500		wt%	1	3/20/2024 4:27:18 PM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 1:34:00 PM
Project: North Substation Property
Lab ID: 2403336-021
Matrix: Soil
Client Sample ID: **NS-03-VER03-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.208	0.0129		mg/Kg-dry	1	3/20/2024 1:11:19 PM
Surr: Decachlorobiphenyl	101	37 - 160		%Rec	1	3/20/2024 1:11:19 PM
Surr: Tetrachloro-m-xylene	128	43.2 - 155		%Rec	1	3/20/2024 1:11:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	24.6	0.500		wt%	1	3/20/2024 4:27:18 PM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 1:36:00 PM
Project: North Substation Property
Lab ID: 2403336-022
Matrix: Soil
Client Sample ID: **NS-03-VER03-1.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0116		mg/Kg-dry	1	3/21/2024 1:12:56 PM
Surr: Decachlorobiphenyl	88.1	37 - 160		%Rec	1	3/21/2024 1:12:56 PM
Surr: Tetrachloro-m-xylene	93.4	43.2 - 155		%Rec	1	3/21/2024 1:12:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	18.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 1:38:00 PM
Project: North Substation Property
Lab ID: 2403336-023
Matrix: Soil
Client Sample ID: **NS-03-VER03-02**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0125		mg/Kg-dry	1	3/21/2024 1:22:35 PM
Surr: Decachlorobiphenyl	82.8	37 - 160		%Rec	1	3/21/2024 1:22:35 PM
Surr: Tetrachloro-m-xylene	81.6	43.2 - 155		%Rec	1	3/21/2024 1:22:35 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	20.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 1:48:00 PM
Project: North Substation Property
Lab ID: 2403336-026
Matrix: Soil
Client Sample ID: **NS-04-VER01-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0106		mg/Kg-dry	1	3/20/2024 3:15:13 PM
Surr: Decachlorobiphenyl	40.7	37 - 160		%Rec	1	3/20/2024 3:15:13 PM
Surr: Tetrachloro-m-xylene	43.6	43.2 - 155		%Rec	1	3/20/2024 3:15:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	7.12	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 2:20:00 PM
Project: North Substation Property
Lab ID: 2403336-031
Matrix: Soil
Client Sample ID: **NS-04-VER02-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.0675	0.0129		mg/Kg-dry	1	3/20/2024 3:44:18 PM
Surr: Decachlorobiphenyl	132	37 - 160		%Rec	1	3/20/2024 3:44:18 PM
Surr: Tetrachloro-m-xylene	140	43.2 - 155		%Rec	1	3/20/2024 3:44:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	24.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 2:22:00 PM
Project: North Substation Property
Lab ID: 2403336-032
Matrix: Soil
Client Sample ID: **NS-04-VER02-1.5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0120		mg/Kg-dry	1	3/22/2024 12:04:39 PM
Surr: Decachlorobiphenyl	54.9	37 - 160		%Rec	1	3/22/2024 12:04:39 PM
Surr: Tetrachloro-m-xylene	74.5	43.2 - 155		%Rec	1	3/22/2024 12:04:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	18.5	0.500		wt%	1	3/22/2024 10:13:52 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 2:24:00 PM
Project: North Substation Property
Lab ID: 2403336-033
Matrix: Soil
Client Sample ID: **NS-04-VER02-02**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0126		mg/Kg-dry	1	3/22/2024 12:14:18 PM
Surr: Decachlorobiphenyl	54.4	37 - 160		%Rec	1	3/22/2024 12:14:18 PM
Surr: Tetrachloro-m-xylene	85.1	43.2 - 155		%Rec	1	3/22/2024 12:14:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	21.7	0.500		wt%	1	3/22/2024 10:13:52 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 2:32:00 PM
Project: North Substation Property
Lab ID: 2403336-036
Matrix: Soil
Client Sample ID: **NS-04-VER03-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0111		mg/Kg-dry	1	3/20/2024 4:03:32 PM
Surr: Decachlorobiphenyl	76.0	37 - 160		%Rec	1	3/20/2024 4:03:32 PM
Surr: Tetrachloro-m-xylene	84.4	43.2 - 155		%Rec	1	3/20/2024 4:03:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	12.4	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 2:50:00 PM
Project: North Substation Property
Lab ID: 2403336-041
Matrix: Soil
Client Sample ID: **NS-06B-VER01-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0120		mg/Kg-dry	1	3/20/2024 4:13:14 PM
Surr: Decachlorobiphenyl	83.1	37 - 160		%Rec	1	3/20/2024 4:13:14 PM
Surr: Tetrachloro-m-xylene	89.8	43.2 - 155		%Rec	1	3/20/2024 4:13:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	17.9	0.500		wt%	1	3/21/2024 8:44:34 AM

Analytical Report

Work Order: **2403336**
Date Reported: **3/22/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/19/2024 3:00:00 PM
Project: North Substation Property
Lab ID: 2403336-046
Matrix: Soil
Client Sample ID: **NS-06B-VER02-01**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0115		mg/Kg-dry	1	3/20/2024 4:22:55 PM
Surr: Decachlorobiphenyl	81.5	37 - 160		%Rec	1	3/20/2024 4:22:55 PM
Surr: Tetrachloro-m-xylene	87.1	43.2 - 155		%Rec	1	3/20/2024 4:22:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	16.3	0.500		wt%	1	3/21/2024 8:44:34 AM

Work Order: 2403336
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-43315**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **MBLKS**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885074**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.984									

Sample ID: **LCS-43315**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **LCSS**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885075**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	18.9	0.912	18.25	0	103	80	120				

Sample ID: **2403336-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **NS-02-VER01-01**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885078**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.1	1.19	23.87	2.551	107	75	125				

Sample ID: **2403336-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90376**
Client ID: **NS-02-VER01-01**	Batch ID: **43315**		Analysis Date: **3/20/2024**	SeqNo: **1885079**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23.3	1.14	22.72	2.551	91.2	75	125	28.13	18.9	20	

Work Order: 2403336
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43318**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90373**
Client ID: **MBLKS**	Batch ID: **43318**		Analysis Date: **3/20/2024**	SeqNo: **1884972**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.112		0.2000		56.1	43.8	173				
Surr: Tetrachloro-m-xylene	0.173		0.2000		86.7	36.6	156				

Sample ID: **LCS-43318**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **3/20/2024**	RunNo: **90373**
Client ID: **LCSS**	Batch ID: **43318**		Analysis Date: **3/20/2024**	SeqNo: **1884973**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.190	0.0100	0.2000	0	95.0	63.1	156				
Surr: Decachlorobiphenyl	0.128		0.2000		64.2	37	160				
Surr: Tetrachloro-m-xylene	0.187		0.2000		93.6	43.2	155				

Sample ID: **2403336-026AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90373**
Client ID: **NS-04-VER01-01**	Batch ID: **43318**		Analysis Date: **3/20/2024**	SeqNo: **1885229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.0762	0.0105	0.2109	0	36.1	58.9	160				S
Surr: Decachlorobiphenyl	0.0920		0.2109		43.6	37	160				
Surr: Tetrachloro-m-xylene	0.0948		0.2109		45.0	43.2	155				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: **2403336-026AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **3/20/2024**	RunNo: **90373**
Client ID: **NS-04-VER01-01**	Batch ID: **43318**		Analysis Date: **3/20/2024**	SeqNo: **1885230**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.0992	0.0105	0.2109	0	47.0	58.9	160	0.07620	26.2	30	S
Surr: Decachlorobiphenyl	0.164		0.2109		77.8	37	160		0		
Surr: Tetrachloro-m-xylene	0.170		0.2109		80.7	43.2	155		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Work Order: 2403336
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43353** SampType: **MBLK** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **MBLKS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886403**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.172		0.2000		85.8	43.8	173				
Surr: Tetrachloro-m-xylene	0.187		0.2000		93.4	36.6	156				

Sample ID: **LCS1-43353** SampType: **LCS** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **LCSS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886404**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.173	0.0100	0.2000	0	86.5	63.1	156				
Surr: Decachlorobiphenyl	0.134		0.2000		67.0	37	160				
Surr: Tetrachloro-m-xylene	0.178		0.2000		88.9	43.2	155				

Sample ID: **2403394-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **BATCH** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886408**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.131	0.0108	0.2164	0	60.4	58.9	160				
Surr: Decachlorobiphenyl	0.113		0.2164		52.3	37	160				
Surr: Tetrachloro-m-xylene	0.146		0.2164		67.4	43.2	155				

Sample ID: **2403394-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **BATCH** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886409**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.193	0.0108	0.2164	0	89.3	58.9	160	0.1307	38.6	30	R
Surr: Decachlorobiphenyl	0.155		0.2164		71.8	37	160		0		
Surr: Tetrachloro-m-xylene	0.197		0.2164		91.2	43.2	155		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403336
Logged by:	Morgan Wilson	Date Received:	3/19/2024 4:50:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	6.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 1 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-02-VER01-01	03/19/24	0842	Soil	1								X			X					
2	NS-02-VER01-1.5		0843		1																Hold
3	NS-02-VER01-02		0845																		Hold
4	NS-02-VER01-2.5		0846																		Hold
5	NS-02-VER01-03		0848																		Hold
6	NS-02-VER02-01		1114										X			X					
7	NS-02-VER02-1.5		1116																		Hold
8	NS-02-VER02-02		1118																		Hold
9	NS-02-VER02-2.5		1120																		Hold
10	NS-02-VER02-03		1122																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24 Hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/19/24 Page: 2 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-03-VER01-01	03/19/24	1148	Soil	1												X		
2 NS-03-VER01-1.5		1150																Hold
3 NS-03-VER01-02		1152																Hold
4 NS-03-VER01-2.5		1154																Hold
5 NS-03-VER01-03		1156																Hold
6 NS-03-VER02-01		1208														X		
7 NS-03-VER02-1.5		1210																Hold
8 NS-03-VER02-02		1212																Hold
9 NS-03-VER02-2.5		1214																Hold
10 NS-03-VER02-03		1216																Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24Hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 3 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-03-VER03-01	03/19/24	1334	So:	1											X		
2	NS-03-VER03-1.5		1336															Hold
3	NS-03-VER03-02		1338															Hold
4	NS-03-VER03-2.5		1340															Hold
5	NS-03-VER03-03		1342															Hold
6	NS-04-VER01-01		1348													X		
7	NS-04-VER01-1.5		1350															Hold
8	NS-04-VER01-02		1352															Hold
9	NS-04-VER01-2.5		1354															Hold
10	NS-04-VER01-03		1356															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24 Hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 4 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

PM Email: ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total [T] | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-04-VER02-01	03/19/24	1426	Soil	1											X		
2 NS-04-VER02-1.5		1422															Hold
3 NS-04-VER02-02		1424															Hold
4 NS-04-VER02-2.5		1426															Hold
5 NS-04-VER02-03		1428															Hold
6 NS-04-VER03-01		1432													X		
7 NS-04-VER03-1.5		1434															Hold
8 NS-04-VER03-02		1436															Hold
9 NS-04-VER03-2.5		1438															Hold
10 NS-04-VER03-03		1440															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/19/24 Page: 5 of: 5

Laboratory Project No (internal): 240836

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin			Comments
1	NS-06B-VER01-01	03/19/24	1458	Soil	1												X				
2	NS-06B-VER01-1.5		1452																		Hold
3	NS-06B-VER01-02		1454																		Hold
4	NS-06B-VER01-2.5		1456																		Hold
5	NS-06B-VER01-03		1458																		Hold
6	NS-06B-VER02-01		1500														X				
7	NS-06B-VER02-1.5		1502																		Hold
8	NS-06B-VER02-02		1504																		Hold
9	NS-06B-VER02-2.5		1506																		Hold
10	NS-06B-VER02-03		1508																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr. (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 1 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-02-VER01-01	03/19/24	0842	Soil	1									X			X				
2	NS-02-VER01-1.5		0843																		Hold
3	NS-02-VER01-02		0845																		Hold
4	NS-02-VER01-2.5		0846																		Hold
5	NS-02-VER01-03		0848																		Hold
6	NS-02-VER02-01		1114											X			X				
7	NS-02-VER02-1.5		1116																		Hold
8	NS-02-VER02-02		1118																		Hold
9	NS-02-VER02-2.5		1120																		Hold
10	NS-02-VER02-03		1122																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24 Hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 2 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1 NS-03-VER01-01	03/19/24	1148	Soil	1												X					
2 NS-03-VER01-1.5		1150																			Hold
3 NS-03-VER01-02		1152																			Hold
4 NS-03-VER01-2.5		1154																			Hold
5 NS-03-VER01-03		1156																			Hold
6 NS-03-VER02-01		1208														X					
7 NS-03-VER02-1.5		1210																			Hold
8 NS-03-VER02-02		1212																			Hold
9 NS-03-VER02-2.5		1214																			Hold
10 NS-03-VER02-03		1216																			Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24Hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 3 of: 5

Laboratory Project No (internal): 2403336

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred
X = run per CT, ASAP TAT, 3/21/24 -cg

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-03-VER03-01	03/19/24	1334	So:	1											X		
2	NS-03-VER03-1.5		1336													X		~~Hold~~
3	NS-03-VER03-02		1338													X		~~Hold~~
4	NS-03-VER03-2.5		1340															Hold
5	NS-03-VER03-03		1342															Hold
6	NS-04-VER01-01		1348													X		
7	NS-04-VER01-1.5		1350															Hold
8	NS-04-VER01-02		1352															Hold
9	NS-04-VER01-2.5		1354															Hold
10	NS-04-VER01-03		1356															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ☐ 1 Day (24 hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 4 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

PM Email: ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total [T] | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-04-VER02-01	03/19/24	1426	Soil	1											X		
2 NS-04-VER02-1.5		1422															Hold
3 NS-04-VER02-02		1424															Hold
4 NS-04-VER02-2.5		1426															Hold
5 NS-04-VER02-03		1428															Hold
6 NS-04-VER03-01		1432													X		
7 NS-04-VER03-1.5		1434															Hold
8 NS-04-VER03-02		1436															Hold
9 NS-04-VER03-2.5		1438															Hold
10 NS-04-VER03-03		1440															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/19/24 Page: 5 of: 5

Laboratory Project No (internal): 240836

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin			Comments
1	NS-06B-VER01-01	03/19/24	1458	Soil	1													X				
2	NS-06B-VER01-1.5		1452																			Hold
3	NS-06B-VER01-02		1454																			Hold
4	NS-06B-VER01-2.5		1456																			Hold
5	NS-06B-VER01-03		1458																			Hold
6	NS-06B-VER02-01		1500															X				
7	NS-06B-VER02-1.5		1502																			Hold
8	NS-06B-VER02-02		1504																			Hold
9	NS-06B-VER02-2.5		1506																			Hold
10	NS-06B-VER02-03		1508																			Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr. (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 1 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-02-VER01-01	03/19/24	0842	Soil	1									X			X				
2	NS-02-VER01-1.5		0843		1																Hold
3	NS-02-VER01-02		0845																		Hold
4	NS-02-VER01-2.5		0846																		Hold
5	NS-02-VER01-03		0848																		Hold
6	NS-02-VER02-01		1114											X			X				
7	NS-02-VER02-1.5		1116																		Hold
8	NS-02-VER02-02		1118																		Hold
9	NS-02-VER02-2.5		1120																		Hold
10	NS-02-VER02-03		1122																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24 Hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 2 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-03-VER01-01	03/19/24	1148	Soil	1												X					
2	NS-03-VER01-1.5		1150																			Hold
3	NS-03-VER01-02		1152																			Hold
4	NS-03-VER01-2.5		1154																			Hold
5	NS-03-VER01-03		1156																			Hold
6	NS-03-VER02-01		1208														X					
7	NS-03-VER02-1.5		1210																			Hold
8	NS-03-VER02-02		1212																			Hold
9	NS-03-VER02-2.5		1214																			Hold
10	NS-03-VER02-03		1216																			Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24Hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 3 of: 5

Laboratory Project No (internal): 2403336

Client: SoundEarth Strategies, Inc./SCL

Project Name: North Substation Property

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred
X = run per CT, ASAP TAT, 3/21/24 -cg

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-03-VER03-01	03/19/24	1334	So:	1											X		
2	NS-03-VER03-1.5		1336													X		~~Hold~~
3	NS-03-VER03-02		1338													X		~~Hold~~
4	NS-03-VER03-2.5		1340															Hold
5	NS-03-VER03-03		1342															Hold
6	NS-04-VER01-01		1348													X		
7	NS-04-VER01-1.5		1350															Hold
8	NS-04-VER01-02		1352															Hold
9	NS-04-VER01-2.5		1354															Hold
10	NS-04-VER01-03		1356															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ☐ 1 Day (24 hr.) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 4 of: 5

Laboratory Project No (internal): 2403336

Client: SoundEarth Strategies, Inc./SCL
Address: 1011 SW Klickitat Way, Suite 212
City, State, Zip: Seattle, WA 98134
Telephone: 206-306-1900
Fax: 206-306-1907

Project Name: North Substation Property
Project No: 1267-004
Collected by: Brennan Booker
Location: 7500 8th Avenue NE, Seattle, WA
Report To (PM): Clare Tochilin
PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred
X = run per CT, Next Day TAT, 3/21/24 -cg

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total [T] | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-04-VER02-01	03/19/24	1426	Soil	1											X		
2 NS-04-VER02-1.5		1422													X		Hold
3 NS-04-VER02-02		1424													X		Hold
4 NS-04-VER02-2.5		1426															Hold
5 NS-04-VER02-03		1428															Hold
6 NS-04-VER03-01		1432													X		
7 NS-04-VER03-1.5		1434															Hold
8 NS-04-VER03-02		1436															Hold
9 NS-04-VER03-2.5		1438															Hold
10 NS-04-VER03-03		1440															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 5 of: 5

Laboratory Project No (internal): 240836

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-06B-VER01-01	03/19/24	1458	Soil	1												X		
2	NS-06B-VER01-1.5		1452																Hold
3	NS-06B-VER01-02		1454																Hold
4	NS-06B-VER01-2.5		1456																Hold
5	NS-06B-VER01-03		1458																Hold
6	NS-06B-VER02-01		1500														X		
7	NS-06B-VER02-1.5		1502																Hold
8	NS-06B-VER02-02		1504																Hold
9	NS-06B-VER02-2.5		1506																Hold
10	NS-06B-VER02-03		1508																Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr. (1 Day) (specify)

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Briana Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
2811 Fairview Ave E, Ste 2000
Seattle, WA 98102

RE: North Substation Property
Work Order Number: 2403394

March 22, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 30 sample(s) on 3/21/2024 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403394

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403394-001	NS-05-VER01-02	03/21/2024 2:04 PM	03/21/2024 3:35 PM
2403394-002	NS-05-VER01-2.5	03/21/2024 2:06 PM	03/21/2024 3:35 PM
2403394-003	NS-05-VER01-03	03/21/2024 2:08 PM	03/21/2024 3:35 PM
2403394-004	NS-05-VER01-3.5	03/21/2024 2:10 PM	03/21/2024 3:35 PM
2403394-005	NS-05-VER01-04	03/21/2024 2:12 PM	03/21/2024 3:35 PM
2403394-006	NS-05-VER02-02	03/21/2024 1:48 PM	03/21/2024 3:35 PM
2403394-007	NS-05-VER02-2.5	03/21/2024 1:50 PM	03/21/2024 3:35 PM
2403394-008	NS-05-VER02-03	03/21/2024 1:52 PM	03/21/2024 3:35 PM
2403394-009	NS-05-VER02-3.5	03/21/2024 1:54 PM	03/21/2024 3:35 PM
2403394-010	NS-05-VER02-04	03/21/2024 1:56 PM	03/21/2024 3:35 PM
2403394-011	NS-05-VER03-02	03/21/2024 1:32 PM	03/21/2024 3:35 PM
2403394-012	NS-05-VER03-2.5	03/21/2024 1:34 PM	03/21/2024 3:35 PM
2403394-013	NS-05-VER03-03	03/21/2024 1:36 PM	03/21/2024 3:35 PM
2403394-014	NS-05-VER03-3.5	03/21/2024 1:38 PM	03/21/2024 3:35 PM
2403394-015	NS-05-VER03-04	03/21/2024 1:40 PM	03/21/2024 3:35 PM
2403394-016	NS-05-VER04-02	03/21/2024 1:16 PM	03/21/2024 3:35 PM
2403394-017	NS-05-VER04-2.5	03/21/2024 1:18 PM	03/21/2024 3:35 PM
2403394-018	NS-05-VER04-03	03/21/2024 1:20 PM	03/21/2024 3:35 PM
2403394-019	NS-05-VER04-3.5	03/21/2024 1:22 PM	03/21/2024 3:35 PM
2403394-020	NS-05-VER04-04	03/21/2024 1:24 PM	03/21/2024 3:35 PM
2403394-021	NS-05-VER05-02	03/21/2024 1:00 PM	03/21/2024 3:35 PM
2403394-022	NS-05-VER05-2.5	03/21/2024 1:02 PM	03/21/2024 3:35 PM
2403394-023	NS-05-VER05-03	03/21/2024 1:04 PM	03/21/2024 3:35 PM
2403394-024	NS-05-VER05-3.5	03/21/2024 1:06 PM	03/21/2024 3:35 PM
2403394-025	NS-05-VER05-04	03/21/2024 1:08 PM	03/21/2024 3:35 PM
2403394-026	NS-05-VER06-02	03/21/2024 12:46 PM	03/21/2024 3:35 PM
2403394-027	NS-05-VER06-2.5	03/21/2024 12:48 PM	03/21/2024 3:35 PM
2403394-028	NS-05-VER06-03	03/21/2024 12:50 PM	03/21/2024 3:35 PM
2403394-029	NS-05-VER06-3.5	03/21/2024 12:52 PM	03/21/2024 3:35 PM
2403394-030	NS-05-VER06-04	03/21/2024 12:54 PM	03/21/2024 3:35 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403394**
Date: **3/22/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-001 **Collection Date:** 3/21/2024 2:04:00 PM
Client Sample ID: **NS-05-VER01-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0108		mg/Kg-dry	1	3/22/2024 12:23:58 PM
Surr: Decachlorobiphenyl	60.4	37 - 160		%Rec	1	3/22/2024 12:23:58 PM
Surr: Tetrachloro-m-xylene	82.3	43.2 - 155		%Rec	1	3/22/2024 12:23:58 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	1.72	1.18		mg/Kg-dry	1	3/22/2024 3:57:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	9.91	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-006 **Collection Date:** 3/21/2024 1:48:00 PM
Client Sample ID: **NS-05-VER02-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0110		mg/Kg-dry	1	3/22/2024 12:52:59 PM
Surr: Decachlorobiphenyl	75.2	37 - 160		%Rec	1	3/22/2024 12:52:59 PM
Surr: Tetrachloro-m-xylene	92.3	43.2 - 155		%Rec	1	3/22/2024 12:52:59 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	2.05	1.21		mg/Kg-dry	1	3/22/2024 4:00:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	11.5	0.500		wt%	1	3/22/2024 10:13:52 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-011 **Collection Date:** 3/21/2024 1:32:00 PM
Client Sample ID: **NS-05-VER03-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0117		mg/Kg-dry	1	3/22/2024 1:02:38 PM
Surr: Decachlorobiphenyl	59.8	37 - 160		%Rec	1	3/22/2024 1:02:38 PM
Surr: Tetrachloro-m-xylene	73.3	43.2 - 155		%Rec	1	3/22/2024 1:02:38 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	6.18	1.22		mg/Kg-dry	1	3/22/2024 4:02:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	15.3	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-016 **Collection Date:** 3/21/2024 1:16:00 PM
Client Sample ID: **NS-05-VER04-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0114		mg/Kg-dry	1	3/22/2024 1:12:19 PM
Surr: Decachlorobiphenyl	65.0	37 - 160		%Rec	1	3/22/2024 1:12:19 PM
Surr: Tetrachloro-m-xylene	79.7	43.2 - 155		%Rec	1	3/22/2024 1:12:19 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	6.69	1.21		mg/Kg-dry	1	3/22/2024 4:05:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	18.0	0.500		wt%	1	3/22/2024 10:13:52 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-021 **Collection Date:** 3/21/2024 1:00:00 PM
Client Sample ID: **NS-05-VER05-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0119		mg/Kg-dry	1	3/22/2024 1:21:58 PM
Surr: Decachlorobiphenyl	84.1	37 - 160		%Rec	1	3/22/2024 1:21:58 PM
Surr: Tetrachloro-m-xylene	103	43.2 - 155		%Rec	1	3/22/2024 1:21:58 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	3.80	1.14		mg/Kg-dry	1	3/22/2024 4:07:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	19.4	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-026 **Collection Date:** 3/21/2024 12:46:00 PM
Client Sample ID: **NS-05-VER06-02** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0126		mg/Kg-dry	1	3/22/2024 1:31:40 PM
Surr: Decachlorobiphenyl	87.5	37 - 160		%Rec	1	3/22/2024 1:31:40 PM
Surr: Tetrachloro-m-xylene	108	43.2 - 155		%Rec	1	3/22/2024 1:31:40 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	12.4	1.25		mg/Kg-dry	1	3/22/2024 4:09:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	24.0	0.500		wt%	1	3/22/2024 10:13:52 AM

Work Order: 2403394
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-43348**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **3/22/2024**		RunNo: **90448**		
Client ID: **MBLKS**	Batch ID: **43348**					Analysis Date: **3/22/2024**		SeqNo: **1886575**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.984									

Sample ID: **LCS-43348**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **3/22/2024**		RunNo: **90448**		
Client ID: **LCSS**	Batch ID: **43348**					Analysis Date: **3/22/2024**		SeqNo: **1886576**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	22.1	1.06	21.19	0	104	80	120				

Sample ID: **2403359-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **3/22/2024**		RunNo: **90448**		
Client ID: **BATCH**	Batch ID: **43348**					Analysis Date: **3/22/2024**		SeqNo: **1886579**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	46.5	1.92	38.46	7.963	100	75	125				

Sample ID: **2403359-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **3/22/2024**		RunNo: **90448**		
Client ID: **BATCH**	Batch ID: **43348**					Analysis Date: **3/22/2024**		SeqNo: **1886580**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.9	2.05	40.98	7.963	102	75	125	46.52	6.95	20	

Work Order: 2403394
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43353** SampType: **MBLK** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **MBLKS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886403**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.172		0.2000		85.8	43.8	173				
Surr: Tetrachloro-m-xylene	0.187		0.2000		93.4	36.6	156				

Sample ID: **LCS1-43353** SampType: **LCS** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **LCSS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886404**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.173	0.0100	0.2000	0	86.5	63.1	156				
Surr: Decachlorobiphenyl	0.134		0.2000		67.0	37	160				
Surr: Tetrachloro-m-xylene	0.178		0.2000		88.9	43.2	155				

Sample ID: **2403394-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **NS-05-VER01-02** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886408**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.131	0.0108	0.2164	0	60.4	58.9	160				
Surr: Decachlorobiphenyl	0.113		0.2164		52.3	37	160				
Surr: Tetrachloro-m-xylene	0.146		0.2164		67.4	43.2	155				

Sample ID: **2403394-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **NS-05-VER01-02** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886409**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.193	0.0108	0.2164	0	89.3	58.9	160	0.1307	38.6	30	R
Surr: Decachlorobiphenyl	0.155		0.2164		71.8	37	160		0		
Surr: Tetrachloro-m-xylene	0.197		0.2164		91.2	43.2	155		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403394
Logged by:	Morgan Wilson	Date Received:	3/21/2024 3:35:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/21/24 Page: 1 of: 3

Laboratory Project No (internal): 2403394

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin			Comments
1	NS-05-VER01-02	03/21/24	~~1246~~ 1404	Soil	1								X			X				Sample Time 1404
2	NS-05-VER01-2.5		1406																	Hold
3	NS-05-VER01-03		1408																	Hold
4	NS-05-VER01-3.5		1410																	Hold
5	NS-05-VER01-04		1412																	Hold
6	NS-05-VER02-02		1348										X			X				
7	NS-05-VER02-2.5		1350																	Hold
8	NS-05-VER02-03		1352																	Hold
9	NS-05-VER02-~~3~~3.5		1354																	Hold
10	NS-05-VER02-04		1356																	Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24Hr. (4 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/21/24/1535	x	Nathan Kaffos	3/21/24 1535
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical — An Alliance Technical Group Company

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/21/24 | Page: 2 of: 3 | Laboratory Project No (internal): 2403394

Project Name: North Substation Property | Special Remarks: See PG. 1

Client:

Address: PG. 1

City, State, Zip: SEE

Telephone:

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue, Seattle, WA

Report To (PM): Clare Tachiin

Email(s): ctachiin@soundearthinc.com

Disposal: Samples will be disposed in 30 days unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-05-VER03-02	03/21/24	1332	So:l	1									X		X					
2	NS-05-VER03-2.5		1334																		Hold
3	NS-05-VER03-03		1336																		Hold
4	NS-05-VER03-3.5		1338																		Hold
5	NS-05-VER03-04		1340																		Hold
6	NS-05-VER04-02		1316											X		X					
7	NS-05-VER04-2.5		1318																		Hold
8	NS-05-VER04-03		1320																		Hold
9	NS-05-VER04-3.5		1322																		Hold
10	NS-05-VER04-04		1324																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/21/24/1535	x	Nathan Kolbe	3/21/24 1535
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
An Alliance Technical Group Company
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/21/24 Page: 3 of: 3

Laboratory Project No (internal): 2403394

Project Name: North Substation Property

Special Remarks: See PG. 1

Client:

Project No: 1267-004

Address: SEE PG. 1

Collected by: Julia Macnay

City, State, Zip:

Location: 7500 8th Avenue, Seattle, WA

Telephone:

Report To (PM): Clare Tochilin

Email(s): ctochilin@soundearthinc.com

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

#	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-05-VER05-02	03/21/24	1300	Soil	1									X			X					
2	NS-05-VER05-2.5		1302																			Hold
3	NS-05-VER05-03		1304																			Hold
4	NS-05-VER05-3.5		1306																			Hold
5	NS-05-VER05-04		1308																			Hold
6	NS-05-VER06-02		1246											X			X					
7	NS-05-VER06-2.5		1248																			Hold
8	NS-05-VER06-03		1250																			Hold
9	NS-05-VER06-3.5		1252																			Hold
10	NS-05-VER06-04		1254																			Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 hr (1 day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Bocks	Brennan Bocks	03/21/24/1535	x	Nathan Kotter	3/21/24 1535
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
2811 Fairview Ave E, Ste 2000
Seattle, WA 98102

RE: North Substation Property
Work Order Number: 2403395

March 28, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 4 sample(s) on 3/21/2024 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *03/28/2024*

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403395

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403395-001	NS-01-POLE01-01	03/21/2024 10:34 AM	03/21/2024 3:35 PM
2403395-002	NS-01-POLE02-01	03/21/2024 10:42 AM	03/21/2024 3:35 PM
2403395-003	NS-03-POLE01-01	03/21/2024 10:21 AM	03/21/2024 3:35 PM
2403395-004	NS-05-POLE01-01	03/21/2024 11:01 AM	03/21/2024 3:35 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403395**
Date: **3/28/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403395-001 **Collection Date:** 3/21/2024 10:34:00 AM
Client Sample ID: **NS-01-POLE01-01** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.0480	0.0130		mg/Kg-dry	1	3/22/2024 4:58:32 PM
Surr: Decachlorobiphenyl	75.1	37 - 160		%Rec	1	3/22/2024 4:58:32 PM
Surr: Tetrachloro-m-xylene	85.8	43.2 - 155		%Rec	1	3/22/2024 4:58:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	23.8	0.500		wt%	1	3/27/2024 10:44:31 AM

Lab ID: 2403395-002 **Collection Date:** 3/21/2024 10:42:00 AM
Client Sample ID: **NS-01-POLE02-01** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.135	0.0118		mg/Kg-dry	1	3/22/2024 5:17:55 PM
Surr: Decachlorobiphenyl	76.8	37 - 160		%Rec	1	3/22/2024 5:17:55 PM
Surr: Tetrachloro-m-xylene	89.5	43.2 - 155		%Rec	1	3/22/2024 5:17:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	19.2	0.500		wt%	1	3/27/2024 10:44:31 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403395-003 **Collection Date:** 3/21/2024 10:21:00 AM
Client Sample ID: **NS-03-POLE01-01** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.148	0.0125		mg/Kg-dry	1	3/22/2024 5:37:11 PM
Surr: Decachlorobiphenyl	84.1	37 - 160		%Rec	1	3/22/2024 5:37:11 PM
Surr: Tetrachloro-m-xylene	110	43.2 - 155		%Rec	1	3/22/2024 5:37:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	22.0	0.500		wt%	1	3/27/2024 10:44:31 AM

Lab ID: 2403395-004 **Collection Date:** 3/21/2024 11:01:00 AM
Client Sample ID: **NS-05-POLE01-01** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.203	0.0121		mg/Kg-dry	1	3/22/2024 5:56:32 PM
Surr: Decachlorobiphenyl	106	37 - 160		%Rec	1	3/22/2024 5:56:32 PM
Surr: Tetrachloro-m-xylene	136	43.2 - 155		%Rec	1	3/22/2024 5:56:32 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	126	11.8	D	mg/Kg-dry	10	3/25/2024 5:16:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	22.3	0.500		wt%	1	3/27/2024 10:44:31 AM

Work Order: 2403395
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-43348**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **3/22/2024**	RunNo: **90448**
Client ID: **MBLKS**	Batch ID: **43348**		Analysis Date: **3/22/2024**	SeqNo: **1886575**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.984									

Sample ID: **LCS-43348**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **3/22/2024**	RunNo: **90448**
Client ID: **LCSS**	Batch ID: **43348**		Analysis Date: **3/22/2024**	SeqNo: **1886576**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	22.1	1.06	21.19	0	104	80	120				

Sample ID: **2403359-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **3/22/2024**	RunNo: **90448**
Client ID: **BATCH**	Batch ID: **43348**		Analysis Date: **3/22/2024**	SeqNo: **1886579**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	46.5	1.92	38.46	7.963	100	75	125				

Sample ID: **2403359-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **3/22/2024**	RunNo: **90448**
Client ID: **BATCH**	Batch ID: **43348**		Analysis Date: **3/22/2024**	SeqNo: **1886580**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	49.9	2.05	40.98	7.963	102	75	125	46.52	6.95	20	

Work Order: 2403395
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43353** SampType: **MBLK** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **MBLKS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886781**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.172		0.2000		85.8	43.8	173				
Surr: Tetrachloro-m-xylene	0.187		0.2000		93.4	36.6	156				

Sample ID: **LCS1-43353** SampType: **LCS** Units: **mg/Kg** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **LCSS** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886404**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.173	0.0100	0.2000	0	86.5	63.1	156				
Surr: Decachlorobiphenyl	0.134		0.2000		67.0	37	160				
Surr: Tetrachloro-m-xylene	0.178		0.2000		88.9	43.2	155				

Sample ID: **2403394-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **BATCH** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886408**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.131	0.0108	0.2164	0	60.4	58.9	160				
Surr: Decachlorobiphenyl	0.113		0.2164		52.3	37	160				
Surr: Tetrachloro-m-xylene	0.146		0.2164		67.4	43.2	155				

Sample ID: **2403394-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **3/22/2024** RunNo: **90445**
Client ID: **BATCH** Batch ID: **43353** Analysis Date: **3/22/2024** SeqNo: **1886409**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.193	0.0108	0.2164	0	89.3	58.9	160	0.1307	38.6	30	R
Surr: Decachlorobiphenyl	0.155		0.2164		71.8	37	160		0		
Surr: Tetrachloro-m-xylene	0.197		0.2164		91.2	43.2	155		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403395
Logged by:	Clare Griggs	Date Received:	3/21/2024 3:35:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/21/24 Page: 1 of: 1

Laboratory Project No (internal): 2403345

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-01-POLE01-01	03/21/24	1034	Soil	1											X		
2	NS-01-POLE02-01		1042													X		
3	NS-03-POLE01-01		1021													X		
4	NS-05-POLE01-01		1101											X		X		
5																		
6																		
7																		
8																		
9																		
10																		

BDB 03/21/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ~~24 Hours (1 Day)~~ (specify) BDB

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/21/24 1535	x	Nathan Kolles	3/21/24 1535
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SoundEarth Strategies, Inc.
Clare Tochilin
2811 Fairview Ave E, Ste 2000
Seattle, WA 98102

RE: North Substation Property
Work Order Number: 2403453

April 01, 2024

Attention Clare Tochilin:

Fremont Analytical, Inc. received 1 sample(s) on 3/25/2024 for the analyses presented in the following report.

Organochlorine Pesticides by EPA Method 8081A
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *04/01/2024*

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property
Work Order: 2403453

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2403453-001	NS-04-POLE01-01	03/25/2024 8:55 AM	03/25/2024 3:19 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2403453**
Date: **4/1/2024**

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2403453**
Date Reported: **4/1/2024**

Client: SoundEarth Strategies, Inc.
Collection Date: 3/25/2024 8:55:00 AM
Project: North Substation Property
Lab ID: 2403453-001
Matrix: Soil
Client Sample ID: NS-04-POLE01-01

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43410		Analyst: CO
Dieldrin	ND	0.00995		mg/Kg-dry	1	3/28/2024 1:07:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R90557		Analyst: MF
Percent Moisture	16.9	0.500		wt%	1	3/28/2024 9:18:21 AM

Work Order: 2403453
CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

QC SUMMARY REPORT

Organochlorine Pesticides by EPA Method 8081A

Sample ID: **MB-43410**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **3/28/2024**	RunNo: **90576**
Client ID: **MBLKS**	Batch ID: **43410**		Analysis Date: **3/28/2024**	SeqNo: **1889109**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	ND	0.0100									
Surr: Decachlorobiphenyl	0.120		0.2000		59.8	43.8	173				
Surr: Tetrachloro-m-xylene	0.188		0.2000		93.9	36.6	156				

Sample ID: **LCS-43410**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **3/28/2024**	RunNo: **90576**
Client ID: **LCSS**	Batch ID: **43410**		Analysis Date: **3/28/2024**	SeqNo: **1889110**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.177	0.0100	0.2000	0	88.3	63.1	156				
Surr: Decachlorobiphenyl	0.116		0.2000		58.1	37	160				
Surr: Tetrachloro-m-xylene	0.184		0.2000		92.0	43.2	155				

Sample ID: **2403453-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **3/28/2024**	RunNo: **90576**
Client ID: **NS-04-POLE01-01**	Batch ID: **43410**		Analysis Date: **3/28/2024**	SeqNo: **1889112**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.183	0.00994	0.1989	0	92.0	58.9	160				
Surr: Decachlorobiphenyl	0.116		0.1989		58.1	37	160				
Surr: Tetrachloro-m-xylene	0.191		0.1989		96.2	43.2	155				

Sample ID: **2403453-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **3/28/2024**	RunNo: **90576**
Client ID: **NS-04-POLE01-01**	Batch ID: **43410**		Analysis Date: **3/28/2024**	SeqNo: **1889113**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	0.158	0.00985	0.1971	0	80.4	58.9	160	0.1829	14.4	30	
Surr: Decachlorobiphenyl	0.0983		0.1971		49.9	37	160		0		
Surr: Tetrachloro-m-xylene	0.160		0.1971		81.0	43.2	155		0		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403453
Logged by:	Morgan Wilson	Date Received:	3/25/2024 3:19:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp ºC
Sample	6.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
An Alliance Technical Group Company
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/25/24 Page: 1 of: 1

Laboratory Project No (internal): 2403453

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-include PRN# (TBD)
-SCL Project Manager: Jen Hindred

Project No: 1267-004

Client: SoundEarth Strategies Inc. / SCL

Collected by: Brennan Booker

Address: 1011 SW Klickitat Way, Suite 212

Location: 7500 8th Avenue NE, Seattle, WA

City, State, Zip: Seattle, WA 98134

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Fax: ~~Email(s):~~ 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-04-POLE01-01	03/25/24	0855	Soil	1												X	
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

BDB 03/25/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/25/24/1519	x	Brian Ballard	3/25 15:19
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

APPENDIX E
DATA VALIDATION REPORT

DATA VALIDATION REPORT

Seattle City Light
North Substation
April 2024

Prepared for:
Sound Earth Strategies, Inc.
2811 Fairview Ave East, Suite 2000
Seattle, Washington 98102

Prepared by:
Validata, LLC
3346 NE 178th St.
Lake Forest Park, Washington 98155

PROJECT NARRATIVE

Data Validation

This report summarizes the results of the summary level validation (Stage 2A) performed on soil samples for the Seattle City Light sampling project. A complete list of samples is provided in the Sample Index. Samples were analyzed by Fremont Analytical, Seattle, Washington. The analytical methods are listed below:

Sample Index

ANALYSIS	METHOD	Reviewer
Dieldrin	SW8181A	C. Jensen
Lead	SW6020	C. Jensen

The data were reviewed using guidance and quality control criteria documented in the analytical methods; *USEPA National Functional Guidelines for Inorganic Superfund Methods Review* (EPA, 2020) and *USEPA National Functional Guidelines for Organic Superfund Methods Review* (EPA, 2020).

The goal of data validation is to assign data assessment qualifiers for assistance in data interpretation. Results assigned as estimated (J or UJ), data may be used for site evaluation and risk assessment purposes but reasons for data qualification should be taken into consideration when interpreting sample concentrations. For results assigned an R, the data are rejected and should not be used for site evaluation purposes. Unqualified data implies the data meet the data quality objectives as stated in the documents and methods referenced above. A summary of the data qualifiers used in validation are included in Appendix A. The summary of Qualified Data are provided in Appendix B. All validation worksheets are provided in Appendix C.

SAMPLE INDEX

SDG	Sample ID	Lab ID	Dieldrin	Lead
2403314	NS-01-VER01-02	2403314-001	x	
	NS-01-VER02-02	2403314-006	x	
	NS-01-VER03-02	2403314-011	x	
2403336	NS-02-VER01-01	2403336-001	x	x
	NS-02-VER02-01	2403336-006	x	x
	NS-03-VER01-01	2403336-011	x	
	NS-03-VER02-01	2403336-016	x	
	NS-03-VER03-01	2403336-021	x	
	NS-03-VER03-1.5	2403336-022	x	
	NS-03-VER03-02	2403336-023	x	
	NS-04-VER01-01	2403336-026	x	
	NS-04-VER02-01	2403336-031	x	
	NS-04-VER02-1.5	2403336-032	x	
	NS-04-VER02-02	2403336-033	x	
	NS-04-VER03-01	2403336-036	x	
	NS-06B-VER01-01	2403336-041	x	
	NS-06B-VER02-01	2403336-046	x	
2403394	NS-05-VER01-02	2403394-001	x	x

	NS-05-VER02-02	2403394-006	x	x
	NS-05-VER03-02	2403394-011	x	x
	NS-05-VER04-02	2403394-016	x	x
	NS-05-VER05-02	2403394-021	x	x
	NS-05-VER06-02	2403394-026	x	x
2403395	NS-01-POLE01-01	2403395-001	x	
	NS-01-POLE02-01	2403395-002	x	
	NS-03-POLE01-01	2403395-003	x	
	NS-05-POLE01-01	2403395-004	x	x
2403453	NS-04-POLE01-01	2403453-001	x	

DATA VALIDATION REPORT
Dieldrin - Method 8181A

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Refer to the Sample Index for a complete list of samples.

SDG	NUMBER OF SAMPLES	VALIDATION LEVEL
2403314	3	STAGE 2A
2403336	15	STAGE 2A
2403394	6	STAGE 2A
2403395	4	STAGE 2A
2403453	1	STAGE 2A

DATA PACKAGE COMPLETENESS

With the exception noted below, the laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Sample Receipt, Preservation, and Holding Times	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
Laboratory Blanks	Field Duplicates
Field Blanks	Target Analyte List
Surrogate Compounds	Reporting Limits
Laboratory Control Samples (LCS)	Reported Results

Sample Receipt, Preservation, and Holding Times

As stated in validation guidance documents, sample shipping coolers should arrive at the laboratory within the advisory temperature range of 0°C - 6°C and be extracted within 7 days for aqueous samples and 14 days for soil samples. Sample extracts must be analyzed within 40 days of extraction. Holding times were met.

Method and Field Blanks

The method blanks were all reported as undetected for target compounds. Field blanks were not submitted with this sampling event.

Surrogate Compounds

Surrogates were added to all samples with acceptable recoveries.

Matrix Spike/Matrix Spike Duplicates

A Matrix spike/matrix spike duplicate (MS/MSD) sample pair was analyzed with this dataset with acceptable results with exceptions:

For SDG 2403336 the matrix spike and spike duplicate recovered below limits for dieldrin resulting in estimated qualification and code 8 for dieldrin in parent sample NS-04-VER01-01.

For SDG 2403394 the matrix spike/spike duplicate precision was exceeded resulting in estimated qualification and code 9 for dieldrin in parent sample NS-05-VER01-02.

Blank spike and spike duplicates were analyzed with acceptable results to demonstrate precision and accuracy by the laboratory.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency with acceptable results.

Field Duplicates

Field duplicates were not collected for this dataset.

Reporting Limits

The laboratory reporting limits were sufficiently below the MTCA Method A cleanup levels.

Reported Results

Results reported were deemed acceptable as reported and/or qualified.

OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical method. With the exceptions noted above, accuracy was acceptable as demonstrated by the surrogate, MS/MSD and blank spike recovery values. Precision was also acceptable as demonstrated by the blank spike and duplicate values. All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
Lead - Method 6020

This report documents the review of analytical data from the analyses of soil samples and the associated laboratory and field quality control (QC) samples. Refer to the Sample Index for a complete list of samples.

SDG	NUMBER OF SAMPLES	VALIDATION LEVEL
2403336	2	STAGE 2A
2403394	6	STAGE 2A
2403395	1	STAGE 2A

DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

Sample Receipt, Preservation, and Holding Times	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
Laboratory Blanks	Field Duplicates
Field Blanks	Target Analyte List
Surrogate Compounds	Reporting Limits
Laboratory Control Samples (LCS)	Reported Results

Sample Receipt, Preservation, and Holding Times

As stated in validation guidance documents, sample shipping coolers should arrive at the laboratory within the advisory temperature range of 0°C - 6°C and metals must be analyzed within 6 months of sample collection. The holding times were met.

Method and Field Blanks

The method blanks were all reported as undetected for target compounds. Field blanks were not submitted with this sampling event.

Surrogate Compounds

Not Applicable.

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) samples were analyzed with acceptable results.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency with acceptable results.

Field Duplicates

Field duplicates were not collected for this dataset. The laboratory analyzed laboratory duplicates to demonstrate precision with acceptable results.

Reporting Limits

The laboratory reporting limits were sufficiently below the MTCA Method A cleanup levels.

Reported Results

Results reported were deemed acceptable.

OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable as demonstrated by the MS/MSD recovery values. Precision was also acceptable as demonstrated by the MS/MSD values. All data are acceptable for use.

APPENDIX A
DATA QUALIFIER DEFINITIONS
REASON CODES

DATA VALIDATION QUALIFIER CODES
Based on National Functional Guidelines

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

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

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents the approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

DATA QUALIFIER REASON CODES

Group	Code	Reason for Qualification
Sample Handling	1	Improper Sample Handling or Sample Preservation (i.e., headspace, cooler)
Instrument Performance	24	Instrument Performance (i.e., tune, resolution, retention time window, endrin breakdown, lock-mass)
Instrument Performance	5A	Initial Calibration (RF, %RSD, r2)
Instrument Performance	5B	Calibration Verification (CCV, CCAL; RF, %D, %R) Use bias flags (H,L)1 where appropriate
Instrument Performance	5C	Initial Calibration Verification (ICV %D, %R) Use bias flags (H,L)1 where appropriate
Blank Contamination	6	Field Blank Contamination (Equipment Rinsate, Trip Blank, etc.)
Blank Contamination	7	Lab Blank Contamination (i.e., method blank, instrument blank, etc.) Use low bias flag (L)1 for negative instrument blanks
Precision and Accuracy	8	Matrix Spike (MS and/or MSD) Recoveries Use bias flags (H,L)1 where appropriate
Precision and Accuracy	9	Precision (all replicates: LCS/LCSD, MS/MSD, Lab Replicate, Field Replicate)
Precision and Accuracy	10	Laboratory Control Sample Recoveries (a.k.a. Blank Spikes) Use bias flags (H,L)1 where appropriate
Precision and Accuracy	12	Reference Material Use bias flags (H,L)1 where appropriate
Precision and Accuracy	13	Surrogate Spike Recoveries (a.k.a. labeled compounds, recovery standards) Use bias flags (H,L)1 where appropriate
Interferences	16	ICP/ICP-MS Serial Dilution Percent Difference
Interferences	17	ICP/ICP-MS Interference Check Standard Recovery Use bias flags (H,L)1 where appropriate
Interferences	19	Internal Standard Performance (i.e., area, retention time, recovery)
Interferences	22	Elevated Detection Limit due to Interference (i.e., chemical and/or matrix)
Interferences	23	Bias from Matrix Interference (i.e. diphenyl ether, PCB/pesticides)
Identification and Quantitation	2	Chromatographic pattern in sample does not match pattern of calibration standard
Identification and Quantitation	3	2nd column confirmation (RPD or %D)
Identification and Quantitation	4	Tentatively Identified Compound (TIC) (associated with NJ only)
Identification and Quantitation	20	Calibration Range or Linear Range Exceeded
Identification and Quantitation	25	Compound Identification (i.e., ion ratio, retention time, relative abundance, etc.)
Miscellaneous	11	A more appropriate result is reported (multiple reported analyses i.e., dilutions, reextractions, etc. Associated with "R" and "DNR" only)
Miscellaneous	14	Other (See DV report for details)
Miscellaneous	26	Method QC information not provided

APPENDIX B
QUALIFIED DATA SUMMARY TABLE

Qualified Data Sample Summary

Sample ID	Lab ID	Compound	Concentration	units	Qualifier, Code
NS-04-VER01-01	2403336-026	Dieldrin	ND	mg/kg	UJ,8
NS-05-VER01-02	2403394-001	Dieldrin	ND	mg/kg	UJ,9

APPENDIX C
DATA VALIDATION CHECKLISTS

VALIDATION WORKSHEET

Method: Dieldrin 8081A
Date Reviewed: 4.8.24
Sample Collection Dates: 3.18.24

SDG: 24033314
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS-01-UER01-02	2 NS-01-UER02-02	3 NS-01-UER03-02	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A	→	→																	
Holding Times	A	→	→																	
Completion	A	→	→																	
Method Blanks	A	→	→																	
LCS /LCSD	A	→	→																	
duplicate RPD	A	→	→																	
MS/MSD:																				

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:

Surr: ok

Spl 3.18.24
Ann 3.18.24

VALIDATION WORKSHEET

Method: Dieldrin 8081A
Date Reviewed: 9 8 24
Sample Collection Dates: 3 19 24

SDG: 2403334
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	NS 02 VER01 01	NS 02 VER02 01	NS 03 VER01 01	NS 03 VER02 01	NS 03 VER03 01	NS 03 VER03-1.5	NS 03 VER03 02	NS 04 VER01 01	NS 04 VER02 01	NS 04 VER02 1.5	NS 04 VER02 02	NS 04 VER03 01	NS 06B VER01 01	NS 06B VER02 01						
Sample results	A →													→						
Holding Times	A →													→						
Completion	A →													→						
Method Blanks	A →													→						
LCS	A →													→						
duplicate RPD	A →													→						
MS/MSD:	A →						→	①X	A →					→						

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:

6°C

3 19 24 Spl

3 20 24 rm

surr ok

① msl dieldrin 8 parent spl -24 NS04 VER01 01
① msm dieldrin 8

② msdp dieldrin parent spl batch no flags

VALIDATION WORKSHEET

Method: Dieldrin 8081A
Date Reviewed: 4/9/24
Sample Collection Dates:

SDG: 2403394
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS05 Ver01 02	2 NS05 Ver02 02	3 NS05 Ver03 02	4 NS05 Ver04 02	5 NS05 Ver05 02	6 NS05 Ver06 02	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A	→	→	→	→	→														
Holding Times	A	→	→	→	→	→														
Completion	A	→	→	→	→	→														
Method Blanks	A	→	→	→	→	→														
LCS	A	→	→	→	→	→														
duplicate RPD																				
MS/MSD: 0	X	A	→	→	→	→														

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:

4.5°C

Spl 3 21 24

Surr 3 22 24

Surr-ok

① MSPP 38% (limit 30) parent QVal-001 NS05 Ver01 02 U J

VALIDATION WORKSHEET

Method: Dieldrin 8081A
Date Reviewed: 4924
Sample Collection Dates: 32124

SDG: 2403395
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS01 POLE01 01	2 NS01 POLE02 01	3 NS03 POLE01 01	4 NS05 POLE01 01	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A	→	→	→																
Holding Times	A	→	→	→																
Completion	A	→	→	→																
Method Blanks	A	→	→	→																
LCS	A	→	→	→																
duplicate RPD (1)	X	→	→	→																
MS/MSD: (1)	A	→	→	→																

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments: 4.5°

SMP 32124
RN 32224

Surr ok

(1) MSDD 38 (limit 30) dieldrin batch; no flags

VALIDATION WORKSHEET

Method: Dieldrin 8081A
Date Reviewed: 4/1/24
Sample Collection Dates: 3/25/24

SDG: 240345 3
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS 04 P01201 01	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A																			
Holding Times	A																			
Completion	A																			
Method Blanks	A																			
LCS	A																			
duplicate RPD																				
MS/MSD:	A																			

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:
6°C
SH 3 25 24
NH 3 28 24

VALIDATION WORKSHEET

Method: Lead 6020
Date Reviewed: 4824
Sample Collection Dates: 31924

SDG: 2403336
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS 02 VE0201	2 NS 02 VE0201	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A→																			
Holding Times	A→																			
Completion	A→																			
Method Blanks	A→																			
LCS	A→																			
duplicate RPD	A→																			
MS/MSD:	A→																			

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:

6°C

SM. 31924

NVM 32024

SURR-NA

VALIDATION WORKSHEET

Method: Pb 6020
Date Reviewed: 4/9/24
Sample Collection Dates: 3/21/24

SDG: 2403394
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	US 05 Ven1 02	US 05 Ven2 02	US 05 Ven3 02	US 05 Ven4 02	US 05 Ven5 02	US 05 Ven6 02														
Sample results	A	→	→	→	→	→														
Holding Times	A	→	→	→	→	→														
Completion	A	→	→	→	→	→														
Method Blanks	A	→	→	→	→	→														
LCS	A	→	→	→	→	→														
duplicate RPD																				
MS/MSD:	A	→	→	→	→	→														

Note: X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments: 4.5°C

SM 3/21/24
MM 3/22/24

VALIDATION WORKSHEET

Method: Pb UOW
Date Reviewed: 4/2/24 3.4.24
Sample Collection Dates:

SDG: 240339
Reviewer: C Jensen

The following data validation areas were reviewed:

Sample Identification / Validation Criteria	1 NS 05 PBUE01	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Sample results	A																			
Holding Times	A																			
Completion	A																			
Method Blanks	A																			
LCS	A																			
duplicate RPD	A																			
MS/MSD:	A																			

Note:X = Criteria were evaluated and not met. A = Criteria were evaluated and met. N = Data was not available for review. NA = Not applicable.

Comments:

Dpl 3 21 24
MS 3 25 24

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403314-001
Client Sample ID: **NS-01-VER01-02**

Collection Date: 3/18/2024 12:38:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0123		mg/Kg-dry	1	3/18/2024 7:01:00 PM
Surr: Decachlorobiphenyl	62.2	37 - 160		%Rec	1	3/18/2024 7:01:00 PM
Surr: Tetrachloro-m-xylene	95.8	43.2 - 155		%Rec	1	3/18/2024 7:01:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	19.6	0.500		wt%	1	3/19/2024 9:35:05 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403314-006
Client Sample ID: **NS-01-VER02-02**

Collection Date: 3/18/2024 1:34:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0122		mg/Kg-dry	1	3/18/2024 7:49:12 PM
Surr: Decachlorobiphenyl	69.7	37 - 160		%Rec	1	3/18/2024 7:49:12 PM
Surr: Tetrachloro-m-xylene	118	43.2 - 155		%Rec	1	3/18/2024 7:49:12 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	20.3	0.500		wt%	1	3/19/2024 9:35:05 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403314-011
Client Sample ID: **NS-01-VER03-02**

Collection Date: 3/18/2024 2:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43298		Analyst: CO
Dieldrin	ND	0.0110		mg/Kg-dry	1	3/18/2024 8:37:27 PM
Surr: Decachlorobiphenyl	72.6	37 - 160		%Rec	1	3/18/2024 8:37:27 PM
Surr: Tetrachloro-m-xylene	122	43.2 - 155		%Rec	1	3/18/2024 8:37:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R90309		Analyst: MF
Percent Moisture	15.2	0.500		wt%	1	3/19/2024 9:35:05 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-001
Client Sample ID: **NS-02-VER01-01**

Collection Date: 3/19/2024 8:42:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0108		mg/Kg-dry	1	3/20/2024 12:32:40 PM
Surr: Decachlorobiphenyl	46.6	37 - 160		%Rec	1	3/20/2024 12:32:40 PM
Surr: Tetrachloro-m-xylene	67.9	43.2 - 155		%Rec	1	3/20/2024 12:32:40 PM
Total Metals by EPA Method 6020				Batch ID: 43315		Analyst: ME
Lead	2.55	1.04		mg/Kg-dry	1	3/20/2024 3:47:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	11.3	0.500		wt%	1	3/20/2024 4:27:18 PM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-006
Client Sample ID: **NS-02-VER02-01**

Collection Date: 3/19/2024 11:14:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0115		mg/Kg-dry	1	3/20/2024 12:42:18 PM
Surr: Decachlorobiphenyl	38.3	37 - 160		%Rec	1	3/20/2024 12:42:18 PM
Surr: Tetrachloro-m-xylene	55.4	43.2 - 155		%Rec	1	3/20/2024 12:42:18 PM
Total Metals by EPA Method 6020				Batch ID: 43315		Analyst: ME
Lead	13.6	1.11		mg/Kg-dry	1	3/20/2024 3:58:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	16.4	0.500		wt%	1	3/20/2024 4:27:18 PM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-011
Client Sample ID: **NS-03-VER01-01**

Collection Date: 3/19/2024 11:48:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.0155	0.0114		mg/Kg-dry	1	3/20/2024 12:51:59 PM
Surr: Decachlorobiphenyl	40.9	37 - 160		%Rec	1	3/20/2024 12:51:59 PM
Surr: Tetrachloro-m-xylene	57.1	43.2 - 155		%Rec	1	3/20/2024 12:51:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	19.0	0.500		wt%	1	3/20/2024 4:27:18 PM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-016
Client Sample ID: **NS-03-VER02-01**

Collection Date: 3/19/2024 12:08:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0123		mg/Kg-dry	1	3/20/2024 1:01:42 PM
Surr: Decachlorobiphenyl	51.5	37 - 160		%Rec	1	3/20/2024 1:01:42 PM
Surr: Tetrachloro-m-xylene	68.1	43.2 - 155		%Rec	1	3/20/2024 1:01:42 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	20.7	0.500		wt%	1	3/20/2024 4:27:18 PM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-021
Client Sample ID: **NS-03-VER03-01**

Collection Date: 3/19/2024 1:34:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.208	0.0129		mg/Kg-dry	1	3/20/2024 1:11:19 PM
Surr: Decachlorobiphenyl	101	37 - 160		%Rec	1	3/20/2024 1:11:19 PM
Surr: Tetrachloro-m-xylene	128	43.2 - 155		%Rec	1	3/20/2024 1:11:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R90375		Analyst: OP
Percent Moisture	24.6	0.500		wt%	1	3/20/2024 4:27:18 PM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-022
Client Sample ID: **NS-03-VER03-1.5**

Collection Date: 3/19/2024 1:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0116		mg/Kg-dry	1	3/21/2024 1:12:56 PM
Surr: Decachlorobiphenyl	88.1	37 - 160		%Rec	1	3/21/2024 1:12:56 PM
Surr: Tetrachloro-m-xylene	93.4	43.2 - 155		%Rec	1	3/21/2024 1:12:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	18.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-023
Client Sample ID: **NS-03-VER03-02**

Collection Date: 3/19/2024 1:38:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0125		mg/Kg-dry	1	3/21/2024 1:22:35 PM
Surr: Decachlorobiphenyl	82.8	37 - 160		%Rec	1	3/21/2024 1:22:35 PM
Surr: Tetrachloro-m-xylene	81.6	43.2 - 155		%Rec	1	3/21/2024 1:22:35 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	20.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-026
Client Sample ID: **NS-04-VER01-01**

Collection Date: 3/19/2024 1:48:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0106		mg/Kg-dry	1	3/20/2024 3:15:13 PM
Surr: Decachlorobiphenyl	40.7	37 - 160		%Rec	1	3/20/2024 3:15:13 PM
Surr: Tetrachloro-m-xylene	43.6	43.2 - 155		%Rec	1	3/20/2024 3:15:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	7.12	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-031
Client Sample ID: **NS-04-VER02-01**

Collection Date: 3/19/2024 2:20:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	0.0675	0.0129		mg/Kg-dry	1	3/20/2024 3:44:18 PM
Surr: Decachlorobiphenyl	132	37 - 160		%Rec	1	3/20/2024 3:44:18 PM
Surr: Tetrachloro-m-xylene	140	43.2 - 155		%Rec	1	3/20/2024 3:44:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	24.6	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-032
Client Sample ID: **NS-04-VER02-1.5**

Collection Date: 3/19/2024 2:22:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0120		mg/Kg-dry	1	3/22/2024 12:04:39 PM
Surr: Decachlorobiphenyl	54.9	37 - 160		%Rec	1	3/22/2024 12:04:39 PM
Surr: Tetrachloro-m-xylene	74.5	43.2 - 155		%Rec	1	3/22/2024 12:04:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	18.5	0.500		wt%	1	3/22/2024 10:13:52 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-033
Client Sample ID: **NS-04-VER02-02**

Collection Date: 3/19/2024 2:24:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0126		mg/Kg-dry	1	3/22/2024 12:14:18 PM
Surr: Decachlorobiphenyl	54.4	37 - 160		%Rec	1	3/22/2024 12:14:18 PM
Surr: Tetrachloro-m-xylene	85.1	43.2 - 155		%Rec	1	3/22/2024 12:14:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	21.7	0.500		wt%	1	3/22/2024 10:13:52 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-036
Client Sample ID: **NS-04-VER03-01**

Collection Date: 3/19/2024 2:32:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0111		mg/Kg-dry	1	3/20/2024 4:03:32 PM
Surr: Decachlorobiphenyl	76.0	37 - 160		%Rec	1	3/20/2024 4:03:32 PM
Surr: Tetrachloro-m-xylene	84.4	43.2 - 155		%Rec	1	3/20/2024 4:03:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	12.4	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-041
Client Sample ID: **NS-06B-VER01-01**

Collection Date: 3/19/2024 2:50:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0120		mg/Kg-dry	1	3/20/2024 4:13:14 PM
Surr: Decachlorobiphenyl	83.1	37 - 160		%Rec	1	3/20/2024 4:13:14 PM
Surr: Tetrachloro-m-xylene	89.8	43.2 - 155		%Rec	1	3/20/2024 4:13:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	17.9	0.500		wt%	1	3/21/2024 8:44:34 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403336-046
Client Sample ID: **NS-06B-VER02-01**

Collection Date: 3/19/2024 3:00:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43318		Analyst: CO
Dieldrin	ND	0.0115		mg/Kg-dry	1	3/20/2024 4:22:55 PM
Surr: Decachlorobiphenyl	81.5	37 - 160		%Rec	1	3/20/2024 4:22:55 PM
Surr: Tetrachloro-m-xylene	87.1	43.2 - 155		%Rec	1	3/20/2024 4:22:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R90378		Analyst: SK
Percent Moisture	16.3	0.500		wt%	1	3/21/2024 8:44:34 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-001 **Collection Date:** 3/21/2024 2:04:00 PM
Client Sample ID: NS-05-VER01-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0108		mg/Kg-dry	1	3/22/2024 12:23:58 PM
Surr: Decachlorobiphenyl	60.4	37 - 160		%Rec	1	3/22/2024 12:23:58 PM
Surr: Tetrachloro-m-xylene	82.3	43.2 - 155		%Rec	1	3/22/2024 12:23:58 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	1.72	1.18		mg/Kg-dry	1	3/22/2024 3:57:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	9.91	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-006 **Collection Date:** 3/21/2024 1:48:00 PM
Client Sample ID: NS-05-VER02-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0110		mg/Kg-dry	1	3/22/2024 12:52:59 PM
Surr: Decachlorobiphenyl	75.2	37 - 160		%Rec	1	3/22/2024 12:52:59 PM
Surr: Tetrachloro-m-xylene	92.3	43.2 - 155		%Rec	1	3/22/2024 12:52:59 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	2.05	1.21		mg/Kg-dry	1	3/22/2024 4:00:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	11.5	0.500		wt%	1	3/22/2024 10:13:52 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-011 **Collection Date:** 3/21/2024 1:32:00 PM
Client Sample ID: NS-05-VER03-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0117		mg/Kg-dry	1	3/22/2024 1:02:38 PM
Surr: Decachlorobiphenyl	59.8	37 - 160		%Rec	1	3/22/2024 1:02:38 PM
Surr: Tetrachloro-m-xylene	73.3	43.2 - 155		%Rec	1	3/22/2024 1:02:38 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	6.18	1.22		mg/Kg-dry	1	3/22/2024 4:02:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	15.3	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-016 **Collection Date:** 3/21/2024 1:16:00 PM
Client Sample ID: NS-05-VER04-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0114		mg/Kg-dry	1	3/22/2024 1:12:19 PM
Surr: Decachlorobiphenyl	65.0	37 - 160		%Rec	1	3/22/2024 1:12:19 PM
Surr: Tetrachloro-m-xylene	79.7	43.2 - 155		%Rec	1	3/22/2024 1:12:19 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	6.69	1.21		mg/Kg-dry	1	3/22/2024 4:05:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	18.0	0.500		wt%	1	3/22/2024 10:13:52 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403394-021 **Collection Date:** 3/21/2024 1:00:00 PM
Client Sample ID: NS-05-VER05-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0119		mg/Kg-dry	1	3/22/2024 1:21:58 PM
Surr: Decachlorobiphenyl	84.1	37 - 160		%Rec	1	3/22/2024 1:21:58 PM
Surr: Tetrachloro-m-xylene	103	43.2 - 155		%Rec	1	3/22/2024 1:21:58 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	3.80	1.14		mg/Kg-dry	1	3/22/2024 4:07:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	19.4	0.500		wt%	1	3/22/2024 10:13:52 AM

Lab ID: 2403394-026 **Collection Date:** 3/21/2024 12:46:00 PM
Client Sample ID: NS-05-VER06-02 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	ND	0.0126		mg/Kg-dry	1	3/22/2024 1:31:40 PM
Surr: Decachlorobiphenyl	87.5	37 - 160		%Rec	1	3/22/2024 1:31:40 PM
Surr: Tetrachloro-m-xylene	108	43.2 - 155		%Rec	1	3/22/2024 1:31:40 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	12.4	1.25		mg/Kg-dry	1	3/22/2024 4:09:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90424		Analyst: DI
Percent Moisture	24.0	0.500		wt%	1	3/22/2024 10:13:52 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403395-001 **Collection Date:** 3/21/2024 10:34:00 AM
Client Sample ID: NS-01-POLE01-01 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.0480	0.0130		mg/Kg-dry	1	3/22/2024 4:58:32 PM
Surr: Decachlorobiphenyl	75.1	37 - 160		%Rec	1	3/22/2024 4:58:32 PM
Surr: Tetrachloro-m-xylene	85.8	43.2 - 155		%Rec	1	3/22/2024 4:58:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	23.8	0.500		wt%	1	3/27/2024 10:44:31 AM

Lab ID: 2403395-002 **Collection Date:** 3/21/2024 10:42:00 AM
Client Sample ID: NS-01-POLE02-01 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.135	0.0118		mg/Kg-dry	1	3/22/2024 5:17:55 PM
Surr: Decachlorobiphenyl	76.8	37 - 160		%Rec	1	3/22/2024 5:17:55 PM
Surr: Tetrachloro-m-xylene	89.5	43.2 - 155		%Rec	1	3/22/2024 5:17:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	19.2	0.500		wt%	1	3/27/2024 10:44:31 AM

CLIENT: SoundEarth Strategies, Inc.
Project: North Substation Property

Lab ID: 2403395-003 **Collection Date:** 3/21/2024 10:21:00 AM
Client Sample ID: NS-03-POLE01-01 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.148	0.0125		mg/Kg-dry	1	3/22/2024 5:37:11 PM
Surr: Decachlorobiphenyl	84.1	37 - 160		%Rec	1	3/22/2024 5:37:11 PM
Surr: Tetrachloro-m-xylene	110	43.2 - 155		%Rec	1	3/22/2024 5:37:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	22.0	0.500		wt%	1	3/27/2024 10:44:31 AM

Lab ID: 2403395-004 **Collection Date:** 3/21/2024 11:01:00 AM
Client Sample ID: NS-05-POLE01-01 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43353		Analyst: SK
Dieldrin	0.203	0.0121		mg/Kg-dry	1	3/22/2024 5:56:32 PM
Surr: Decachlorobiphenyl	106	37 - 160		%Rec	1	3/22/2024 5:56:32 PM
Surr: Tetrachloro-m-xylene	136	43.2 - 155		%Rec	1	3/22/2024 5:56:32 PM
Total Metals by EPA Method 6020				Batch ID: 43348		Analyst: ME
Lead	126	11.8	D	mg/Kg-dry	10	3/25/2024 5:16:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R90534		Analyst: GHG
Percent Moisture	22.3	0.500		wt%	1	3/27/2024 10:44:31 AM

Client: SoundEarth Strategies, Inc.
Project: North Substation Property
Lab ID: 2403453-001
Client Sample ID: **NS-04-POLE01-01**

Collection Date: 3/25/2024 8:55:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Method 8081A				Batch ID: 43410		Analyst: CO
Dieldrin	ND	0.00995		mg/Kg-dry	1	3/28/2024 1:07:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R90557		Analyst: MF
Percent Moisture	16.9	0.500		wt%	1	3/28/2024 9:18:21 AM

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 1 of: 5

Laboratory Project No (internal): 2403336

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Barker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-02-VER01-01	03/19/24	0842	Soil	1								X			X		
2	NS-02-VER01-1.5		0843															Hold
3	NS-02-VER01-02		0845															Hold
4	NS-02-VER01-2.5		0846															Hold
5	NS-02-VER01-03		0848															Hold
6	NS-02-VER02-01		1114										X			X		
7	NS-02-VER02-1.5		1116															Hold
8	NS-02-VER02-02		1119															Hold
9	NS-02-VER02-2.5		1120															Hold
10	NS-02-VER02-03		1122															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA 5 RCRA 8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day ☒ 1 Day (24 Hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Barker	Brennan Barker	03/19/24/1650	x	Briana Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/14/24 Page: 2 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booher

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (Dx)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-03-VER01-01	03/19/24	1148	Soil	1													X					
2	NS-03-VER01-1.5		1150																				Hold
3	NS-03-VER01-02		1152																				Hold
4	NS-03-VER01-2.5		1154																				Hold
5	NS-03-VER01-03		1156																				Hold
6	NS-03-VER02-01		1208															X					
7	NS-03-VER02-1.5		1210																				Hold
8	NS-03-VER02-02		1212																				Hold
9	NS-03-VER02-2.5		1214																				Hold
10	NS-03-VER02-03		1216																				Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booher	Brennan Booher	03/19/24 1650	x	Brenna Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/19/24 Page: 3 of: 5

Laboratory Project No (internal): 2403356

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred
X = run per CT, ASAP TAT, 3/21/24 -cg

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin				Comments
1	NS-03-VER03-01	03/19/24	1334	So:1	1												X				
2	NS-03-VER03-1.5		1336														X				~~Hold~~
3	NS-03-VER03-02		1338														X				~~Hold~~
4	NS-03-VER03-2.5		1340																		Hold
5	NS-03-VER03-03		1342																		Hold
6	NS-04-VER01-01		1348														X				
7	NS-04-VER01-1.5		1350																		Hold
8	NS-04-VER01-02		1352																		Hold
9	NS-04-VER01-2.5		1354																		Hold
10	NS-04-VER01-03		1356																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24Hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24 1650	x	Bryant Ballard	3/19/1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 4 of: 5

Laboratory Project No (internal): 2403336

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred
X = run per CT, Next Day TAT, 3/21/24 -cg

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (NO3***)	EDB (8011)	Dieldrin	Comments
1	NS-B4-VER02-01	03/19/24	1426	So:1	1											X		
2	NS-B4-VER02-1.5		1422		1											X		Hold
3	NS-B4-VER02-02		1424		1											X		Hold
4	NS-B4-VER02-2.5		1426		1													Hold
5	NS-B4-VER02-03		1428		1													Hold
6	NS-B4-VER03-01		1432		1											X		
7	NS-B4-VER03-1.5		1434		1													Hold
8	NS-B4-VER03-02		1436		1													Hold
9	NS-B4-VER03-2.5		1438		1													Hold
10	NS-B4-VER03-03		1440		1													Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA 5 RCRA 8 Priority Pollutants TAL Individual Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x	Brianna Ballard	3/19 1650
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/19/24 Page: 5 of: 5

Laboratory Project No (internal): 2403336

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-OGB-VER01-01	03/19/24	1450	Soil	1													X	
2	NS-OGB-VER01-1.5		1452																Hold
3	NS-OGB-VER01-02		1454																Hold
4	NS-OGB-VER01-2.5		1456																Hold
5	NS-OGB-VER01-03		1458																Hold
6	NS-OGB-VER02-01		1500															X	
7	NS-OGB-VER02-1.5		1502																Hold
8	NS-OGB-VER02-02		1504																Hold
9	NS-OGB-VER02-2.5		1506																Hold
10	NS-OGB-VER02-03		1508																Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil (circled), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual*: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb (marked X) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr. (1 Day) (specify) (circled)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/19/24/1650	x [signature]	Braiano Ballard	3/19 1650
x			x		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403394
Logged by:	Morgan Wilson	Date Received:	3/21/2024 3:35:00 PM

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11. Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12. Does paperwork match bottle labels?	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/21/24 Page: 1 of: 3

Laboratory Project No (internal): 2403714

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Boden

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-05-VER01-02	03/21/24	~~1240~~ 1404	So:1	1									X			X	Sample Time 1404
2 NS-05-VER01-2.5		1406															Hold
3 NS-05-VER01-03		1408															Hold
4 NS-05-VER01-3.5		1410															Hold
5 NS-05-VER01-04		1412															Hold
6 NS-05-VER02-02		1348											X			X	
7 NS-05-VER02-2.5		1350															Hold
8 NS-05-VER02-03		1352															Hold
9 NS-05-VER02-~~0325~~		1354															Hold
10 NS-05-VER02-04		1356															Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Boden	Brennan Boden	03/21/24/1535	x	Nathan Wilkes	3/21/24 1535
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Date: 03/21/24 Page: 2 of: 3

Laboratory Project No (internal): 2403394

Project Name: North Substation Property

Special Remarks: See PG. 1

Client:

Address: PG. 1

City, State, Zip: See

Project No: 1267-004

Collected by: Brennan Booher

Location: 7500 8th Avenue, Seattle, WA

Telephone:

Report To (PM): Clare Tachiin

Email(s): ctachiin@soundearthinc.com

Disposal: Samples will be disposed in 30 days unless otherwise requested
☐ Retain volume (specify above) ☐ Return to client

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dissolved				Comments
1	NS-05-VER03-02	03/21/24	1332	So.1	1									X			X				
2	NS-05-VER03-2.5		1334																		Hold
3	NS-05-VER03-03		1336																		Hold
4	NS-05-VER03-3.5		1338																		Hold
5	NS-05-VER03-04		1340																		Hold
6	NS-05-VER04-02		1316											X			X				
7	NS-05-VER04-2.5		1318																		Hold
8	NS-05-VER04-03		1320																		Hold
9	NS-05-VER04-3.5		1322																		Hold
10	NS-05-VER04-04		1324																		Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 24 Hr (1 Day) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booher	Brennan Booher	03/21/24/1535	x	Nathan Kolbe	3/21/24 1535
x			x		

Fremont

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 03/21/24 | Page: 3 of: 3 | Laboratory Project No (internal): 2403394

Project Name: North Substation Property

Special Remarks: See PG 1

Client:

Project No: 1267-004

Address: SEE PG. 1

Collected by: Julia Macnary

City, State, Zip:

Location: 7500 8th Avenue Seattle WA

Telephone:

Report To (PM): Clare Tochilin

Disposal: Samples will be disposed in 30 days unless otherwise requested
☐ Retain volume (specify above) ☐ Return to client

Email(s): ctochilin@soundearthinc.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin			Comments
1 NS-05-VER05-02	03/21/24	1300	Soil	1									X			X			
2 NS-05-VER05-2.5		1302																	Hold
3 NS-05-VER05-03		1304																	Hold
4 NS-05-VER05-3.5		1306																	Hold
5 NS-05-VER05-04		1308																	Hold
6 NS-05-VER06-02		1246											X			X			
7 NS-05-VER06-2.5		1248																	Hold
8 NS-05-VER06-03		1250																	Hold
9 NS-05-VER06-3.5		1252																	Hold
10 NS-05-VER06-04		1254																	Hold

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (24 hr (1 day) (specify))

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/21/24/1535	x	Kaitlin Wolfe	3/21/24 1535
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403395
Logged by:	Clare Griggs	Date Received:	3/21/2024 3:35:00 PM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
7.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8.	Are samples properly preserved?	Yes ☑	No ☐	
9.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12.	Does paperwork match bottle labels?	Yes ☑	No ☐	
13.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14.	Is it clear what analyses were requested?	Yes ☑	No ☐	
15.	Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical	3600 Fremont Ave N. Seattle, WA 98103 Tel: 206-352-3790 Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 03/21/24 Page: 1 of: 1

Laboratory Project No (internal): 2403395

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booker

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	NS-01-POLE01-01	03/21/24	1034	Soil	1													X	
2	NS-01-POLE02-01		1842															X	
3	NS-03-POLE01-01		1321															X	
4	NS-05-POLE01-01		1101											X				X	
5																			
6																			
7																			
8																			
9																			
10																			

BDB 03/21/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil), SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA 8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time: ☒ Standard ☐ Next Day ☐ 3 Day ☐ Same Day ☐ 2 Day ~~24 Hours (1 Day)~~ (specify) BDB

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/21/24 1535	x [signature]	Nathan Kolles	3/21/24 1535
x			x		

COC 1.3 - 11.06.20

www.fremontanalytical.com

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403453
Logged by:	Morgan Wilson	Date Received:	3/25/2024 3:19:00 PM

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11. Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12. Does paperwork match bottle labels?	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	6.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 03/25/24 Page: 1 of: 1

Laboratory Project No (internal): 2403453

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Booth

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochlin

PM Email: ctochlin@soundearth.nc.com

Special Remarks:
Direct Bill to Seattle City Light
- scl_apinvoice@seattle.gov
- include PRN# (TBD)
- SCL Project Manager: Jen Hindred

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

Client: Soundearth Strategies Inc. / SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1400

Fax / ~~Email(s):~~ 206-306-1907

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) \ Dissolved (D)	Anions (IC)***	EDB (8011)	D; P; L; W; O	Comments
1 NS-04-POLE01-01	03/25/24	0855	Soil	1												X	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

BDB 03/25/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booth	Brennan Booth	03/25/24/1519	x	Brendan Ballard	3/25 15:19
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Fremont Analytical
An Alliance Technical Group Company

Sample Log-In Check List

Client Name:	SES	Work Order Number:	2403314
Logged by:	Morgan Wilson	Date Received:	3/18/2024 3:23:00 PM

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Client		

Log In

3. Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
11. Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
12. Does paperwork match bottle labels?	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all hold times (except field parameters, pH e.g.) able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	5.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/18/24 Page: 1 of: 2

Laboratory Project No (internal): 2403514

Project Name: North Substation Property

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Client: SoundEarth Strategies, Inc./SCL

Project No: 1267-004

Address: 1011 SW Klickitat Way, Suite 212

Collected by: Brennan Booker

City, State, Zip: Seattle, WA 98134

Location: 7500 8th Avenue NE, Seattle, WA

Telephone: 206-306-1900

Report To (PM): Clare Tochilin

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 206-306-1907

PM Email: ctochilin@soundearthinc.com

Update per BB
3/18/24 LR

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1	~~NS-01-VER01-02~~ NS-01-VER01-02	03/18/24	1238	Soil	1												X	
2	NS-01-VER01-2.5		1249		1												X	3 samples for Dieldrin. Remaining
3	NS-01-VER01-03		1303		1												X	Samples to be placed on hold.
4	NS-01-VER01-3.5		1308		1												X	
5	NS-01-VER01-04		1313		1												X	
6	NS-01-VER02-02		1334		1												X	
7	NS-01-VER02-2.5		1339		1												X	
8	NS-01-VER02-03		1343		1												X	
9	NS-01-VER02-3.5		1346		1												X	
10	NS-01-VER02-04		1350		1												X	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, (S = Soil) SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA 5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (Pb) Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24 hr-s) (specify)

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Booker	Brennan Booker	03/18/24 1523	x	Lawycee Hein-Gipson	3/18/24 1523
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 03/18/24 Page: 2 of: 2

Laboratory Project No (internal): 2403314

Client: SoundEarth Strategies, Inc./SCL

Address: 1011 SW Klickitat Way, Suite 212

City, State, Zip: Seattle, WA 98134

Telephone: 206-306-1900

Fax: 206-306-1907

Project Name: North Substation Property

Project No: 1267-004

Collected by: Brennan Backs

Location: 7500 8th Avenue NE, Seattle, WA

Report To (PM): Clare Tochilin

PM Email: ctochilin@soundearthinc.com

Special Remarks:
Direct Bill to Seattle City Light
scl_apinvoice@seattle.gov
-Include PRN# (TBD)
-SCL Project Manager: Jen Kindred

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Dieldrin	Comments
1 NS-01-VER03-02	03/18/24	1415	Soil														X	3 samples for Dieldrin. Remaining
2 NS-01-VER03-2.5	"	1419	"														X	Samples to be placed on hold.
3 NS-01-VER03-03	"	1421	"														X	
4																		
5																		
6																		
7																		
8																		
9																		
10																		

BDB 03/18/24

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day 1 Day (24hr) (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x Brennan Backs	Brennan Backs	03/18/24 1523	x		
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x	Grayce Henderson	3/18/24 1523

APPENDIX F
WASTE DISPOSAL DOCUMENTATION

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190644
Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142360OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/18/2024	Vehicle#	70
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BILL
Route		Check#	
Hauling Ticket#		Billing#	0000914
Destination		Grid	
PO#	142360OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/18/2024 12:26:25	SCALE 1	galtheim		Gross	61820 lb
Out	03/18/2024 12:59:00	SCALE 1	galtheim		Tare	44200 lb
					Net	17620 lb
					Tons	8.81

Comments VENTALATION POWER-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	8.81	Tons	Vactor Truck			KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	8.81	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

Ventilation Power Cleaning, Inc.
3914 Leary Way NW
Seattle, WA 98107

(206)-634-2750
1-(877)-347-3509
Fax: (206)-634-2753

INDUSTRIAL VACUUM CLEANING - LINE CLEANING SERVICE

DATE 3/18/24 PAGE ____ QUADRANT ____ WO# S3-066

JOB NAME SCL Remidiation / Substation

SERVICE ADDRESS 7500 8th Ave NE, Seattle

BILL TO Titan

Purchase Order# 2413
Person to Contact Derek
Vehicle# HXX or Combo
Support Vehicle NO
#Extra Workers 0
Time at site 8am
Other LFD
Safety PPE

Telephone# 253 308 5254
T+M/Q Day
Equipment
- Tubes
- Flex Hose
- Hard Rubber
- Left on Site

Profile# Disposal site information will be given to you on site
Prejob Safety Inspection: Initials ____

Disposal Site: Waste Management QTY: ____ Receipt# ____

WORK DESCRIPTION:

- Hydro ex to locate utilities

Work Hours:

DATE	LEFT SHOP	ARRIVED JOB	LEFT JOB	ARRIVED SHOP	DRIVER	HELPER
3/18	0700	0800	NL 1200			

SALES PERSON 3/14/24 CUSTOMER SIGNATURE Derek Snowden

WASTE MANAGEMENT

70 S Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190655

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/19/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/19/2024 09:09:57	SCALE 1	galtheim		Gross	86480 lb
Out	03/19/2024 09:23:31	SCALE 1	galtheim		Tare	44220 lb
					Net	42260 lb
					Tons	21.13

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	21.13	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	21.13	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

7000 S. Alaska Street
7000 S. Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190665

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/19/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/19/2024 11:42:46	SCALE 1	galtheim		Gross	89740 lb
Out	03/19/2024 11:42:46		galtheim		Tare	44220 lb
					Net	45520 lb
					Tons	22.76

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.76	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	22.76	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

2700 S. Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190671

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142360OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/19/2024	Vehicle#	26ABLE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000914
Destination		Grid	
PO#	142360OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/19/2024 13:49:30	SCALE 1	galtheim		Gross	89080 lb
Out	03/19/2024 13:49:30		galtheim		Tare	44220 lb
					Net	44860 lb
					Tons	22.43

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.43	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	22.43	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

7[illegible] Alaska Street
70 S. Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190687

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/19/2024	Vehicle#	26ABLE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/19/2024 13:49:30	SCALE 1	GALTHEIM		Gross	89080 lb
Out	03/19/2024 13:49:30		GALTHEIM		Tare	44220 lb
					Net	44860 lb
					Tons	22.43

Comments ABLE-GA REPLACEMENT TICKET FOR TICKET Nbr 190671

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.43	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	22.43	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Void Reprint
Ticket# 190671

Customer Name TITANEARTHWORK 1423600R TITAN
Ticket Date 03/19/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket# 1422630R
Destination
PO# 1423600R

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000914
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/19/2024 13:49:30	SCALE 1	galtheim		Gross	89080 lb
Out	03/19/2024 13:49:30		galtheim		Tare	44220 lb
					Net	44860 lb
					Tons	22.43

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.43	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	22.43	Tons				

Total Tax
Total Ticket

Driver's Signature

Wrong profile —

R P - 190687

WASTE MANAGEMENT

7000 S. Alaska Street
7000 S. Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190686

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/20/2024	Vehicle#	26ABLE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/20/2024 09:09:19	SCALE 1	GALTHEIM		Gross	93120 lb
Out	03/20/2024 09:09:19		GALTHEIM		Tare	44220 lb
					Net	48900 lb
					Tons	24.45

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	24.45	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	24.45	Tons				

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

7000 S. Alaska Street
Seattle, WA, 98134

Original
Ticket# 190695

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/20/2024	Vehicle#	26ABLE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/20/2024 11:55:25	SCALE 1	GALTHEIM		Gross	93920 lb
Out	03/20/2024 11:55:25		GALTHEIM		Tare	44220 lb
					Net	49700 lb
					Tons	24.85

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	24.85	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	24.85	Tons				KING

Total Tax
Total Ticket

Driver's Signature

WASTE MANAGEMENT

7700 S. Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Reprint
Ticket# 190703

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/20/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

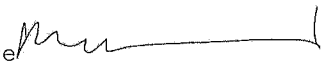
Volume

	Time	Scale	Operator	Inbound		
In	03/20/2024 13:57:02	SCALE 1	GALTHEIM		Gross	91160 lb
Out	03/20/2024 13:57:02		GALTHEIM		Tare	44220 lb
					Net	46940 lb
					Tons	23.47

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	23.47	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	23.47	Tons				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190711

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/21/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/21/2024 09:09:42	SCALE 1	GALTHEIM		Gross	91340 lb
Out	03/21/2024 09:09:42		GALTHEIM		Tare	44220 lb
					Net	47120 lb
					Tons	23.56

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	23.56	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	23.56	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190719

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/21/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/21/2024 11:57:43	SCALE 1	GALTHEIM		Gross	90940 lb
Out	03/21/2024 11:57:43		GALTHEIM		Tare	44220 lb
					Net	46720 lb
					Tons	23.36

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	23.36	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	23.36	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190714

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/21/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 003COPE
Container
Driver TIM
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound
In	03/21/2024 10:00:57	SCALE 1	GALTHEIM	
Out	03/21/2024 10:06:14	SCALE 1	GALTHEIM	

Gross	59760 lb
Tare	32080 lb
Net	27680 lb
Tons	13.84

Comments COPE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	13.84	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	13.84	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190722
Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/21/2024	Vehicle#	003COPE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TIM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

	Time	Scale	Operator	Inbound		
In	03/21/2024 12:46:56	SCALE 1	GALTHEIM		Gross	65420 lb
Out	03/21/2024 12:46:56		GALTHEIM		Tare	32080 lb
					Net	33340 lb
					Tons	16.67

Comments COPE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	16.67	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	16.67	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190744

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/25/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/25/2024 10:13:59	SCALE 1	galtheim		Gross	107300 lb
Out	03/25/2024 10:13:59		galtheim		Tare	44220 lb
					Net	63080 lb
					Tons	31.54

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	31.54	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	31.54	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190756

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/25/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/25/2024 13:23:30	SCALE 1	galtheim		Gross	99320 lb
Out	03/25/2024 13:23:30		galtheim		Tare	44220 lb
					Net	55100 lb
					Tons	27.55

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	27.55	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	27.55	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190765

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/26/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/26/2024 09:53:03	SCALE 1	galtheim		Gross	93600 lb
Out	03/26/2024 09:53:03		galtheim		Tare	44220 lb
					Net	49380 lb
					Tons	24.69

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	24.69	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	24.69	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 190804

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/27/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/27/2024 11:16:28	SCALE 1	GALTHEIM		Gross	99380 lb
Out	03/27/2024 11:16:28		GALTHEIM		Tare	44220 lb
					Net	55160 lb
					Tons	27.58

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	27.58	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	27.58	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190778

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/26/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE
Container
Driver RANDY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/26/2024 13:26:05	SCALE 1	GALTHEIM		Gross	98040 lb
Out	03/26/2024 13:26:05		GALTHEIM		Tare	44220 lb
					Net	53820 lb
					Tons	26.91

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	26.91	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	26.91	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190826

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/27/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 26ABLE Volume
Container
Driver RANDY
Check#
Billing# 0000913
Grid

	Time	Scale	Operator	Inbound		
In	03/27/2024 14:41:17	SCALE 1	GALTHEIM		Gross	101360 lb
Out	03/27/2024 14:41:17		GALTHEIM		Tare	44220 lb
					Net	57140 lb
					Tons	28.57

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	28.57	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	28.57	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190787

Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/27/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 33BDS
Container
Driver BRAD PUGSLEY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/27/2024 09:35:22	SCALE 1	GALTHEIM		Gross	91800 lb*
Out	03/27/2024 09:35:22		GALTHEIM		Tare	47000 lb*
			* Manual Weight		Net	44800 lb
					Tons	22.40

Comments BDS-GA
TITAN EARTH

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.40	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	22.40	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190818

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/27/2024	Vehicle#	33BDS
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRAD PUGSLEY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/27/2024 12:22:58	SCALE 1	GALTHEIM		Gross	91760 lb
Out	03/27/2024 12:22:58		GALTHEIM		Tare	47000 lb
					Net	44760 lb
					Tons	22.38

Comments BDS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	22.38	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	22.38	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Original
Ticket# 190829

Ph: 206 763 5025

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/27/2024	Vehicle#	33BDS
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRAD PUGSLEY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/27/2024 15:32:58	SCALE 1	GALTHEIM		Gross	79420 lb
Out	03/27/2024 15:32:58		GALTHEIM		Tare	47000 lb
					Net	32420 lb
					Tons	16.21

Comments BDS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	16.21	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	16.21	Tons				

Total Tax
Total Ticket

Driver`s Signature BRAD P

WASTE MANAGEMENT

Alaska Street
70 S. Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190858

Customer Name	TITANEARTHWORK 142263OR TITAN	Carrier	SELF HAULER *
Ticket Date	03/28/2024	Vehicle#	26ABLE
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000913
Destination		Grid	
PO#	142263OR		

Volume

	Time	Scale	Operator	Inbound		
In	03/28/2024 11:58:03	SCALE 1	GALTHEIM		Gross	100820 lb
Out	03/28/2024 11:58:03		GALTHEIM		Tare	44220 lb
					Net	56600 lb
					Tons	28.30

Comments ABLE-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	28.30	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	28.30	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

7000 S Alaska Street
7000 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190841

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/28/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 33BDS
Container
Driver BRAD PUGSLEY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/28/2024 09:18:02	SCALE 1	GALTHEIM		Gross	76140 lb
Out	03/28/2024 09:18:02		GALTHEIM		Tare	47000 lb
					Net	29140 lb
					Tons	14.57

Comments BDS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	14.57	Tons				KING
2	ENERGY-Energy Surcharge	100		%				
3	WWM-P-Waste Water Manage	100		%				
4	GONDOLA T-GONDOLA TON	100	14.57	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

7000 S. Alaska Street
7000 S. Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Original
Ticket# 190865

Customer Name TITANEARTHWORK 142263OR TITAN
Ticket Date 03/28/2024
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 142263OR

Carrier SELF HAULER *
Vehicle# 33BDS
Container
Driver BRAD PUGSLEY
Check#
Billing# 0000913
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/28/2024 13:18:46	SCALE 1	GALTHEIM		Gross	66120 lb
Out	03/28/2024 13:18:46		GALTHEIM		Tare	47000 lb
					Net	19120 lb
					Tons	9.56

Comments BDS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-Tons-S	100	9.56	Tons				KING
2	ENERGY-Energy Surcharge	100		%				KING
3	WWM-P-Waste Water Manage	100		%				KING
4	GONDOLA T-GONDOLA TON	100	9.56	Tons				KING

Total Tax
Total Ticket

Driver`s Signature 

WM
WASTE MANAGEMENT

Columbia Ridge Landfill and Recycling Center
a subsidiary of Waste Management
18177 Cedar Springs Lane
Arlington, Oregon 97812-6512
(541) 454-2030

Bill Of Lading

Date scheduled for pickup 4-16-24

Time scheduled for pickup _____

Generator Name and Loading Address:
Seattle City Light N. Sub
7500 32nd Ave. NE
Seattle, WA 98115

Contact Person:

Telephone Number: David
206-475-2133

Waste Profile # 118903 WA

Waste Type
- ☐ CDL
- ☐ Contaminated Soil
- ☐ Asbestos
- ☐ Other: _____

Acknowledgement of Loading:

Company Name: _____ Date: _____

Signature: _____ Name: _____
Generator's Authorized Representative — Please Print

Deliver to:
Union Pacific Seattle Intermodal Facility (ARGO Yard)
402 South Dawson Street
Seattle, Washington 98108
Phone (206) 764-1541 or Night (206) 764-1438

Disposal Facility:
Columbia Ridge Landfill and Recycling Center
18177 Cedar Springs Lane
Arlington, Oregon 97812-6512
Phone # (541) 454-2030

Container Inspection Upon Pickup:

	Yes	No
Tarp in good serviceable condition	☒	☐
Container is in good condition	☒	☐
No free standing water	☒	☐
Container is empty and clean	☐	☐

Circle ONE: DROP ONLY PICK UP ONLY SWAP (WTL)

Loading

Start Time 7:27 Box # In _____ Liners 0 1 2 Start Time _____

End Time 7:45 Box # Out 300032 Liners 0 1 2 End Time _____

Unloading

Transporter Name: R Transport Truck/Chassis # R60

Driver Name Albert Cofft (Please Print) Driver Signature Albert Cofft

Remarks: WOL 858613
ARGO-8:16

WASTE MANAGEMENT

Columbia Ridge
18177 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2030

Reprint
Ticket# 858233

Customer Name SEATTLE CITY LIGHT 118903WA S
Ticket Date 04/18/2024
Payment Type Credit Account
Manual Ticket# 1139676
Hauling Ticket#
Destination UP/R TRANSPORT
Profile 118903WA (Area 7 at North Sub: LF01)
Generator 133-NORTH SUBSTATION NORTH SUBSTATION 7500 8TH AVE NE SEATTLE WA 98115

Carrier 300 300057
Vehicle# 300032
Container 300032
Billing # 0003174
Manifest
PO 00003700

Volume

	Time	Scale	Operator	Inbound		
In	04/17/2024 06:10:09	MANUAL WT	CWALSH3		Gross	69480 lb*
Out	04/18/2024 06:10:09		CWALSH3		Tare	48860 lb*
			* Manual Weight		Net	20620 lb
					Tons	10.31

Comments LIVE LOAD

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	ENVCLEANUP SPWPCS-	100	10.31	Tons				WA-SEATTLE
2	RAIL U SPW-RAIL UN	100	1	Load				WA-SEATTLE
3	LOC U SPW-LOCAL TR	100	1	Load				WA-SEATTLE

Driver`s Signature

WM
WASTE MANAGEMENT

Columbia Ridge Landfill and Recycling Center
a subsidiary of Waste Management
18177 Cedar Springs Lane
Arlington, Oregon 97812-6512
(541) 454-2030

Bill Of Lading

Date scheduled for pickup 3-19-24

Time scheduled for pickup ______

Generator Name and Loading Address
Seattle City Light
7500 8th Ave N.E
Seattle, Wa 98115

Contact Person: Jen Kindied

Telephone Number: 206 561-8435

Waste Profile # 142 309CR

Waste Type
- ☐ CDL
- ☐ Contaminated Soil
- ☐ Asbestos
- ☐ Other: ______

Acknowledgement of Loading:

Company Name: ______ Date: ______

Signature: ______ Name: ______
Generator's Authorized Representative / Please Print

Deliver to:
Union Pacific Seattle Intermodal Facility (ARGO Yard)
402 South Dawson Street
Seattle, Washington 98108
Phone (206) 764-1541 or Night (206) 764-1438

Disposal Facility:
Columbia Ridge Landfill and Recycling Center
18177 Cedar Springs Lane
Arlington, Oregon 97812-6512
Phone # (541) 454-2030

Container Inspection Upon Pickup:

	Yes	No
Tarp in good serviceable condition	☑	☐
Container is in good condition	☑	☐
No free standing water	☑	☐
Container is empty and clean	☐	☐

Circle ONE: DROP ONLY (PICK UP ONLY) SWAP WTL

Loading
Start Time 11:50 Box # In ______ Liners 0 1 2
End Time 11:58 Box # Out 8690 Liners 0 1 2

Unloading
Start Time ______
End Time ______

Transporter Name: R Transport Truck/Chassis # R60

Driver Name Albert Coffin (Please Print) Driver Signature [signature]

Remarks: WOLBS 8N8813B
ARGO 12:05

WASTE MANAGEMENT

Columbia Ridge
18177 Cedar Springs Lane
Arlington, OR, 97812
Ph: (541) 454-2030

Reprint
Ticket# 854468

Customer Name SEATTLE CITY LIGHT SEATTLE CI
Ticket Date 03/22/2024
Payment Type Credit Account
Manual Ticket# 1136940
Hauling Ticket#
Destination UP/R TRANSPORT
Profile 142309OR (WOOD DEBRIS AND CHIPS: LF01)
Generator 133-SEATTLE CITY LIGHT 7500 8T SEATTLE CITY LIGHT 7500 8TH AVE NE

Carrier 8000 8864
Vehicle# 8690
Container 8690
Billing # 0001592
Manifest
PO

Volume

	Time	Scale	Operator	Inbound		
In	03/21/2024 15:20:25	MANUAL WT	jaday		Gross	55580 lb*
Out	03/22/2024 15:20:25		jaday		Tare	47300 lb*
			* Manual Weight		Net	8280 lb
					Tons	4.14

Comments Delivery 3/18-3/19=1

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Spwaste Solid Oth-	100	4.14	Tons				WA-SEATTLE
2	RAIL U SPW-RAIL UN	100	1	Load				
3	RENT SPW DAILY-CAN	100	1.00	Each				
4	LOC U SPW-LOCAL TR	100	1	Load				
5	DEL U SPW-DELIVERY	100	1.00	Each				

Driver`s Signature

APPENDIX G
BACKFILL MATERIAL DOCUMENTATION

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/21/2024 9:47:04 A SEATTLE WA 981061208

CALPORTLAND

NO: 3193656

Copy

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: NORTH SUB Job Number 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	1	2
QTY	20.68	52.84

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/21/2024 9:47:02 AM	Seattle Agg	85,560	42.78	38.81	Gross
3/21/2024 9:38:15 AM	Seattle Agg	44,200	22.10	20.05	Tare
☐ Driver Off		41,360	20.68	18.76	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/21/2024 12:26:04 SEATTLE, WA 981061208

CALPORTLAND

NO: 3193930

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: NORTH SUB Job Number 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	2	4
QTY	41.08	73.24

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/21/2024 12:26:01 P	Seattle Agg	85,000	42.50	38.56	Gross
3/21/2024 9:38:15 AM	Seattle Agg	44,200	22.10	20.05	Tare
☐ Driver Off		40,800	20.40	18.51	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/25/2024 7:17:22 A SEATTLE WA 981061208

CALPORTLAND

NO: 3194999

Original

Customer 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P O 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	5
QTY	20.33	93.57

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/25/2024 7:17:22 AM	Seattle Agg	84,860	42.43	38.49	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
☐ Driver Off		40,660	20.33	18.44	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/25/2024 10:43:04 A SEATTLE, WA 981061208

CALPORTLAND

NO: 3195250

Original

Customer 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O. 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	6
QTY	47.63	120.87

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/25/2024 10:43:04 A	Seattle Agg	98,800	49.40	44.81	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
☐ Driver Off		54,600	27.30	24.77	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE
3/26/2024 7:11:01 A

4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 3195593

Copy

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O. 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17

Delv To:
7500 8TH AVE NE

SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	1	7
QTY	27.63	148.50

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/26/2024 7:10:59 AM	Seattle Agg	99,460	49.73	45.11	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
		55,260	27.63	25.07	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE
3/26/2024 10:38:04

4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 3195917

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17

Delv To:
7500 8TH AVE NE

SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	2	8
QTY	42.63	163.50

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/26/2024 10:38:01 A	Seattle Agg	74,200	37.10	33.66	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
		30,000	15.00	13.61	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/27/2024 10:11:55 A SEATTLE, WA 981061208

CALPORTLAND

NO: 3196469

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: 2413 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	9
QTY	23.41	186.91

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/27/2024 10:11:52 A	Seattle Aggr	87,520	43.76	39.70	Gross
3/27/2024 10:10:30 A	Man WT	40,760	20.35	18.46	Tare
		46,820	23.41	21.24	Net

Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: BDS33SD BENS DOZER 33 SIDE

REC'D BY DATE

PURCHASER assumes all responsibility for any property damage caused by SELLER's truck within confines of the job site. PURCHASER agrees to provide safe and suitable access to the point of delivery that has sufficient load bearing capacity for SELLER's vehicle and that is clear of fixed objects, underground utilities, or overhanging wires. SELLER's vehicle IS NOT permitted to travel inside of, or across curb lines. If so directed, PURCHASER assumes all responsibility for damages that may occur as a result of SELLER's vehicle inside the curb line. I have read and understand the above and agree to assume the responsibilities regarding the above requirements.

CALPORTLAND
Sand & Gravel
WAIVER OF RESPONSIBILITY

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW
3/27/2024 12:57:04 SEATTLE, WA 981061208

CALPORTLAND

NO: 3196679

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: 2413 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17
Delv To:
7500 8TH AVE NE
SEATTLE WA 98134

DELIVERY TOTALS	TODAY	PROJECT
LOAD	2	10
QTY	51.01	214.51

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/27/2024 12:56:51 P	Man WT	95,900	47.95	43.50	Gross
3/27/2024 10:10:30 A	Man WT	40,700	20.35	18.46	Tare
		55,200	27.60	25.04	Net

Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: BDS33SD BENS DOZER 33 SIDE

REC'D BY DATE

705A AGG SEATTLE
3/28/2024 7:35:19 A

4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 3196918

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17

Delv To:
7500 8TH AVE NE

SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	1	12
QTY	29.20	272.71

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/28/2024 7:35:16 AM	Man WT	102,600	51.30	46.54	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
		58,400	29.20	26.49	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE
3/28/2024 12:25:49

4002 WEST MARGINAL WAY SW
SEATTLE, WA 981061208

CALPORTLAND

NO: 3197361

Original

Customer: 1016086 TITAN EARTHWORK LLC
Project: 58512 AGG 2024 BID PRICING
P.O.: 7500 Job Number: 2413
Product: 8127 MINERAL AGG TYPE 17

Delv To:
7500 8TH AVE NE

SEATTLE WA 98134

DELIVERY TOTALS

	TODAY	PROJECT
LOAD	2	13
QTY	51.84	295.35

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/28/2024 12:25:46 P	Seattle Agg	89,480	44.74	40.59	Gross
3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
		45,280	22.64	20.54	Net

☐ Driver Off

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP
Truck: ABL26SD ABLE INDUST 265 SIDE

REC'D BY DATE

705A AGG SEATTLE 4002 WEST MARGINAL WAY SW

3/28/2024 6:50:35 A SEATTLE, WA 981061208

CALPORTLAND

NO: 3196830

Copy

Customer: 1016086 TITAN EARTHWORK LLC

Project: 58512 AGG 2024 BID PRICING

P.O. 2413 Job Number: 2413

Product: 8127 MINERAL AGG TYPE 17

DELIVERY TOTALS	TODAY	PROJECT
LOAD	1	11
QTY	29.00	243.51

Delv To:
7500 8TH AVE NE

SEATTLE WA 98134

Weighmaster: ODOM, HEIDI

DATE	SOURCE	lbs	Tons	TNE	
3/28/2024 6:50:33 AM	Man WT	98,700	49.35	44.77	Gross
3/27/2024 10:10:30 A	Man WT	40,700	20.35	18.46	Tare
☐ Driver Off		58,000	29.00	26.31	Net

AMOUNT	
PRODUCT	$0.00
FREIGHT	$0.00
ENV FEE	$0.00
TAX	$0.00
TOTAL	$0.00

Hauler: 999 FOB PICKUP

Truck: BDS33SD BENS DOZER 33 SIDE

REC'D BY DATE

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268321

Customer Service (877) 764-5748

1268321

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413- SCL N SUB
WO #

					Pounds	Tons	Scale
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In Scale
DATE IN:	03/27/2024	**DATE OUT:**	03/27/2024	**Tare Wt:**	00	00000	Out Scale
TIME IN:	07:04:40	**TIME OUT:**	07:06:07	**Net Wt:**	00	00000	
TRUCK #:	RAIN	**TRAILER #:**					
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	15.00	$41.50	$622.50
				Subtotal:	$622.50
				Environmental Fee	$45.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$667.50**
				Account	$667.50

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ **Customer Signature**

X_____ **Printed Name**

X_____ **Date**

CUSTOMER COMMENTS: 7500 8th ave ne seattle

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268407

Customer Service (877) 764-5748

1268407

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413 SLC N SUB
WO #

					Pounds	Tons	Scale
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In Scale
DATE IN:	03/27/2024	**DATE OUT:**	03/27/2024	**Tare Wt:**	00	00000	Out Scale
TIME IN:	09:00:13	**TIME OUT:**	09:00:35	**Net Wt:**	00	00000	
TRUCK #:	RAIN	**TRAILER #:**					
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$47.00	$1,034.00
				Subtotal:	$1,034.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$1,100.00**
				Account	$1,100.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ **Customer Signature**

X_____ **Printed Name**

X_____ **Date**

CUSTOMER COMMENTS: 7500 8th ave ne seatlle

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268552

Customer Service (877) 764-5748

1268552

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413-SCL N SUB
WO #

					Pounds	Tons	Scale	
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In	Scale
DATE IN:	03/27/2024	**DATE OUT:**	03/27/2024	**Tare Wt:**	00	00000	Out	Scale
TIME IN:	11:40:38	**TIME OUT:**	11:40:44	**Net Wt:**	00	00000		
TRUCK #:	RAIN	**TRAILER #:**						
ORIGIN:								

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ X_____ X_____

Customer Signature **Printed Name** **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268875

Customer Service (877) 764-5748

1268875

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413- N SUBSTAT
WO #

					Pounds	Tons	Scale
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In Scale
DATE IN:	03/28/2024	**DATE OUT:**	03/28/2024	**Tare Wt:**	00	00000	Out Scale
TIME IN:	09:06:24	**TIME OUT:**	09:06:35	**Net Wt:**	00	00000	
TRUCK #:	26	**TRAILER #:**					
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ **Customer Signature**

X_____ **Printed Name**

X_____ **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268909

Customer Service (877) 764-5748

1268909

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

JOB #
BID #
PO # 2413- N SUBSTAT
WO #

TERMS: Net 30 Days

					Pounds	Tons	Scale
DUMP LOCATION:		DRIVER:		Gross Wt:	00	00000	In Scale
DATE IN:	03/28/2024	DATE OUT:	03/28/2024	Tare Wt:	00	00000	Out Scale
TIME IN:	09:49:22	TIME OUT:	09:49:36	Net Wt:	00	00000	
TRUCK #:	33	TRAILER #:					
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ X_____ X_____

Customer Signature **Printed Name** **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1268978

Customer Service (877) 764-5748

1268978

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

JOB #
BID #
PO # 2413-N SUBSTATI
WO #

TERMS: Net 30 Days

DUMP LOCATION:		**DRIVER:**			**Pounds**	**Tons**	**Scale**
DATE IN:	03/28/2024	**DATE OUT:**	03/28/2024	**Gross Wt:**	00	00000	In Scale
TIME IN:	11:06:59	**TIME OUT:**	11:07:12	**Tare Wt:**	00	00000	Out Scale
TRUCK #:	33	**TRAILER #:**		**Net Wt:**	00	00000	
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ X_____ X_____
Customer Signature **Printed Name** **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1269214

Customer Service (877) 764-5748

1269214

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413
WO #

					Pounds	Tons	Scale	
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In	Scale
DATE IN:	03/29/2024	**DATE OUT:**	03/29/2024	**Tare Wt:**	00	00000	Out	Scale
TIME IN:	07:08:39	**TIME OUT:**	07:09:36	**Net Wt:**	00	00000		
TRUCK #:	33	**TRAILER #:**						
ORIGIN:								

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ X_____ X_____

Customer Signature **Printed Name** **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

WEBSTER CEDAR GROVE COMPOSTING

TRANSACTION # 1269286

Customer Service (877) 764-5748

1269286

ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

JOB #
BID #
PO # 2413
WO #

					Pounds	Tons	Scale	
DUMP LOCATION:		**DRIVER:**		**Gross Wt:**	00	00000	In	Scale
DATE IN:	03/29/2024	**DATE OUT:**	03/29/2024	**Tare Wt:**	00	00000	Out	Scale
TIME IN:	08:20:27	**TIME OUT:**	08:21:06	**Net Wt:**	00	00000		
TRUCK #:	33	**TRAILER #:**						
ORIGIN:								

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
O119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	$41.50	$913.00
				Subtotal:	$913.00
				Environmental Fee	$66.00
				Energy Recovery Fee	$0.00
				Sales Tax	$0.00
				Total Amount:	**$979.00**
				Account	$979.00

This product is made from recycled green waste and food waste. Cedar Grove's manufacturing process involves minimizing, screening, and removing inert particles and pieces that are commonly found in commercially composted feedstocks. Some level of inert materials may still be present in this product after it is cleaned and processed. These Materials will not harm your plants, vegetables, or landscape.
Help keep our compost clean by keeping bags, bottles, and plant tags out of your yard bins. Thank you for using a recycled product and closing the loop!

CREDIT TERMS:
Customer agrees that all credit charges are net 15th aprox. And that past due accounts shall be charged 1% per month late fee, minimum $1.5. Customer agrees to pay all charges, past due amounts, costs and reasonable attorney's fees.

CUSTOMER STATEMENTS:
Customer warrants that no materials delivered by customer to the facility contains chemical residues, paint, petroleum products, toxic substances or any other unauthorized material or contaminant.
Customer acknknowledges that while Cedar Grove personnel will make every effort to place material at the Customer site as directed by customer, Cedar Grove assumes no responsibility for damages inside Customer site
Customer understands that color and texture of products received by Customer from Cedar Grove may vary due to the natural decomposition process and the different organic materials used to create it, and acknowledges that these variations do not affect the overall performance of the product. Customer also understands that some residue heat may be present in the material due to naturally occuring microbes, the materials dark color and the volume of the material loaded or delivered, and that any such heat is not harmful to plants and will dissipate when the material is spread or tilled into the soil.
Customer acknowledges that Cedar Grove has made no warranties with the sales, implied or otherwise, including but not limited to warranties regarding merchantability or fitness for particular purpose.
NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES IF MERCHANT ABILITY AND FITNESS FOR A PARTICULAR AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X_____ X_____ X_____

Customer Signature **Printed Name** **Date**

CUSTOMER COMMENTS:

DAILY MESSAGE:

Scale Attendant:

I acknowledge that Cedar Grove shall not be responsible for any damage sustained to my vehicle resulting from the loading of material into my vehicle. It is my sole obligation to understand the capacity and limitations of my personal vehicle, and I will take them into account before agreeing to have any material loaded into my vehicle. Initial_____

DELIVERY / SCALE TICKET

INVOICE NO. 212159

CEDAR GROVE

Telephone: 877- 764-5748
website: Cedar-Grove.com

7343 E. Marginal Way S. • Seattle, WA 98108 ☐

17825 Cedar Grove Rd. S.E. • Maple Valley, WA 98038 ☐
Scale ☐ Bulk Yard ☐

14017 NE 124th St. • Redmond, WA 98052 ☐

6527 NE 175th St. • Kenmore, WA 98028 ☐

21902 76th Dr. S.E. • Woodinville, WA 98072 ☐

3620 36th Pl. N.E. • Everett, WA 98201
Scale ☐ Bulk Yard ☐

Bellevue, WA 98005 ☐

4517 30th Ave. E • Tacoma, WA 98409 ☐

SOLD TO: T Han Earthwork LLC

TRK #: Bens Dozer Service 3

SHIP TO

METHOD OF PMT. CASH ( ) CHECK ( ) CREDIT CARD ( ) WORK ORDER # ( )

DATE	TIME IN/OUT	YARDS/ WEIGHT	PRODUCT	DESTINATION	AMOUNT	
3/29	10:04	13	60/40	SCL Seattle 7500 8th Ave NE		
NOTES:				SUB TOTAL		
				TAX %		
				TOTAL		

NOTICE: OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIALS WHERE CUSTOMER DESIGNATES BUT THE COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGES INSIDE CURB OR PROPERTY LINE. THE PARTIES AGREE THAT THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE EXCLUDED FROM THIS AGREEMENT.

X _____
Customer Signature

D-2

Ref No: G271909952