

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

**Report Date:** July 3, 2024

## **Prepared for:**

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

## **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:

len Toch

Clare Tochilin, LG Senior Geologist

Reviewed by:

Ryan Bixby, LG

Managing Principal

July 3, 2024



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## 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 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 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 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** 









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Commission and in a	Commis ID	Depth (fast has)		sults (mg/kg)	Ŧ	E	* *		₽		Ŧ		甲	甲	 ¢p	
Sample Location	Sample ID and Confirmation Soi	(feet bgs)	Lead Soil Romodiat	Dieldrin							-					
Periormance a	NS-01-VER01-02	2		<0.0123			9TH AVE	NUE NORTHEAST			٢			AREA 10		
Area 1	NS-01-VER01-02	2		<0.0123		E	·			<u> </u>						
Alea I	NS-01-VER02-02	2		<0.0122												
	NS-02-VER01-01	1	2.55	<0.0110									Commun	munning	X	) Suur
Area 2	NS-02-VER01-01	1	13.6	<0.0108								SHED	BUIL	DING	- OHP	
	NS-03-VER01-01	1		0.0115								SHE	Ŕ	OHP	OHr	
	NS-03-VER02-01	1		<0.0133	— <u>×</u>		<del>~ - ×</del>				<b>—</b> <u>—</u> <u>×</u> —					
Area 3	NS-03-VER02-01	1		0.208								ø				
Area 5	NS-03-VER03-01.5	1.5		<0.0116												
	NS-03-VER03-02	2		<0.0110												
	NS-04-VER01-01	1		<0.0125												
	NS-04-VER02-01	1		0.0675												
Area 4	NS-04-VER02-01.5	1.5		<0.0120												
Alea 4	NS-04-VER02-01.5	2		<0.0126												
	NS-04-VER03-01	1		<0.0120												
	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												
Area 5	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												
	NS-06B-VER01-01	1		<0.0120			SEATTLE CITY LIG	HT NORTH SUBSTAT	TION							
Area 6B	NS-06B-VER02-01	1		<0.0115												
Performance	e and Confirmation		s - Utility Pole													
	NS-01-POLE01-01	1		0.0480												
Area 1	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												А
/ITCA Cleanup Leve		1	250	0.063												
* * *		<u>×</u> ×	dH0 dH0 dH0	*1								dH0 dH0 dH0				
- Ø	OHP VEF										BHR			VER01	POLĘO	
		REA 1	VER02	VERUS		t	AREA 2		#	VER01					Ð	
	AI				/	8TH AVE	NUE NORTHEAST								A	AREA 4
PAR   - PAR   ROA   W WAT   OHP ELECTION	PERTY BOUNDARY ■ CEL BOUNDARY ↓ DWAY CENTERLINE - ER LINE @ CTRIC LINE - CE LINE ←	♦ WATER VA → FIRE HYDF → WATER MA → POWER PC	LVE ANT ANHOLE DLE	ARE/	EXCAVA	TED TO 1 FOO TED TO 1.5 FE TED TO 2 FEET	ET BGS BGS	BGS BELOW MG/KG MILLIGR	GROUND S AMS PER P	SURFACE	CEEDS MTCA CL			Sound	arth	





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TABLE



# Table 1Performance and Confirmation Soil Sample Analytical ResultsNorth Substation Property7500 8th Avenue NortheastSeattle, Washington

						Analytical Results (m	nilligrams per kilogram	
Sample Location	Sample ID	Sampled By	Date Sampled	<b>Depth</b> (feet bgs)	Sample Type <sup>(1,2)</sup>	Lead <sup>(3)</sup>	Dieldrin <sup>(4)</sup>	
		Performance	e and Confirm	ation Soil Sam	ples - Soil Remediation Are	eas		
	NS-01-VER01-02		03/18/24	2	Confirmation		<0.0123	
Area 1	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	
Aled 2	NS-02-VER02-01		03/19/24	1	Confirmation	13.6	<0.0115	
	NS-03-VER01-01		03/19/24	1	Confirmation		0.0155	
	NS-03-VER02-01		03/19/24	1	Confirmation		<0.0123	
Area 3	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	
	NS-04-VER01-01		03/19/24	1	Confirmation		< 0.0106 <sup>UJ</sup>	
	NS-04-VER02-01	SoundEarth	03/19/24	1	Performance (removed)		0.0675	
Area 4	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	
	NS-05-VER01-02		03/21/24	2	Confirmation	1.72	<0.0108 <sup>UJ</sup>	
	NS-05-VER02-02		03/21/24	2	Confirmation	2.05	<0.0110	
A	NS-05-VER03-02		03/21/24	2	Confirmation	6.18	<0.0117	
Area 5	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 CD	NS-06B-VER01-01	1	03/19/24	1	Confirmation		<0.0120	
Area 6B	NS-06B-VER02-01		03/19/24	1	Confirmation		<0.0115	
	• 	Performa	nce and Confi	rmation Soil S	amples - Utility Pole Areas		• •	
Aroa 1	NS-01-POLE01-01		03/21/24	1	Confirmation		0.0480	
Area 1	NS-01-POLE02-01		03/21/24	1	Performance (in place)		0.135	
Area 3	NS-03-POLE01-01	SoundEarth	03/21/24	1	Performance (in place)		0.148	
Area 4	NS-04-POLE01-01	1	03/25/24	1	Confirmation		<0.00995	
Area 5	NS-05-POLE01-01	1	03/21/24	1	Performance (in place)	126 <sup>D</sup>	0.203	
CA Cleanup Leve	l for Soil	-		-		<b>250</b> <sup>(5)</sup>	<b>0.063</b> <sup>(6)</sup>	

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.

<sup>(1)</sup>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.

<sup>(2)</sup>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.

<sup>(3)</sup>Samples analyzed by EPA Method 6020.

<sup>(4)</sup>Samples analyzed by EPA Method 8081A.

<sup>(5)</sup>MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

<sup>(6)</sup>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>. Data Validation Notes:

<sup>UJ</sup>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.

#### -- = 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

# 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.

SoundEarth Strategies, Inc.

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#### 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 ( $\mu$ g/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:

SoundEarth Strategies, Inc.

P:\1267 Seattle City Light\1267-004 North Substation\Deliverables\2017 Supplemental Environmental Characterization Report\_Cleanup Workplan\1267-004\_2017\_EnvCharRpt\_CleanupPlan\_Report\_F.docx

- 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  $1,200 \ \mu g/kg$  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.

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#### 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

lln

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** 










TABLE



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

			Analy	tical Results
	Date	Depth	Dieldrin <sup>(1)</sup>	Lead <sup>(2)</sup>
Sample ID	Sampled	(feet bgs)	(micrograms per kilogram)	(milligrams per kilogram)
NS-01-HA1-01		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	09/12/17	2	<12	
NS-07-HA1-01	09/12/17	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 f	or Soil		<b>62.5</b> <sup>(3)</sup>	<b>250</b> <sup>(4)</sup>

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

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

<sup>(1)</sup>Samples analyzed by EPA Method 8081B.

<sup>(2)</sup>Samples analyzed by EPA Method 6010C.

<sup>(3)</sup>MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Non cancer, Direct Contact, CLARC Website <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>.

<sup>(4)</sup>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

# 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'-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 nearsurface 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.

en Toch

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** 









TABLES



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

					<b>Analytica</b> (milligrams p		
Sample ID	Sampled By	Date Sampled	Depth (feet bgs)	DRPH <sup>(1)</sup>	ORPH <sup>(1)</sup>	DRPH <sup>(2)</sup>	ORPH <sup>(2)</sup>
NS-COMP-01				41 <sup>N,J</sup>	170 <sup>J</sup>		
NS-COMP-02				43 <sup>N,J</sup>	320 <sup>J</sup>		
NS-COMP-03				240 <sup>N,J</sup>	<b>1300</b> <sup>J</sup>	<83 <sup>U1</sup>	280
NS-COMP-04				180 <sup>N,J</sup>	<b>1100</b> <sup>J</sup>	<37	170
NS-COMP-05				61 <sup>N,J</sup>	400 <sub>J</sub>		
NS-COMP-06	SoundEarth	05/18/17	0-0.5	150 <sup>N,J</sup>	570 <sup>J</sup>		
NS-COMP-07				46 <sup>N,J</sup>	210 <sup>J</sup>		
NS-COMP-08				160 <sup>N,J</sup>	<b>790</b> <sup>J</sup>	<41	220
NS-COMP-09				140 <sup>N,J</sup>	<b>790</b> <sup>J</sup>	<41	190
NS-COMP-10				240 <sup>N,J</sup>	960 <sup>J</sup>	<57 <sup>U1</sup>	260
NS-COMP-11				<35	160 <sup>J</sup>		
Project Action Level <sup>(3</sup>	)			667	667	667	667
MTCA Cleanup Level				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. <sup>(1)</sup>Analyzed by Method NWTPH-Dx.

 $^{\rm (2)}\mbox{Analyzed}$  by Method NWTPH-Dx, with sample extract treated with a sulfuric acid/silica gel cleanup procedure.

<sup>(3)</sup>Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

<sup>(4)</sup>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:

<sup>N</sup>Hydrocarbons in the lube oil range are impacting the diesel range result.

<sup>U1</sup>The practical quantitation limit is elevated due to interferences present in the sample.

<sup>JR</sup>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

					c <b>al Results</b> per kilogram )
Sample ID	Sampled By	Date Sampled	<b>Depth</b> (feet bgs)	DRPH <sup>(1)</sup>	ORPH <sup>(1)</sup>
NS-01-SS1				<38	120
NS-01-SS2				<32	160
NS-01-SS3	SoundEarth	05/18/17	0-0.5	<47	310
NS-07-SS1	SoundLantin	03/18/17	0-0.5	<36	220
NS-07-SS2				<37	170
NS-07-SS3				<45 <sup>U1</sup>	360
MTCA Cleanup Lev	el for Soil <sup>(2)</sup>		-	2,000	2,000

#### NOTES:

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

<sup>(1)</sup>Analyzed by Method NWTPH-Dx.

<sup>(2)</sup>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:

<sup>U1</sup>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



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

		Analytical Results <sup>(1)</sup> (micrograms per kilogram)																						
Sample ID	Date Sampled	Depth (feet bgs)	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			<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 <sup>1</sup>	<7.9 <sup>J</sup>	<7.9 <sup>J</sup>	<7.9 <sup>1</sup>	<7.9 <sup>J</sup>	<7.9 <sup>J</sup>	<7.9 <sup>1</sup>	<16 <sup>1</sup>	<16 <sup>J</sup>	<32 <sup>J</sup>	<16 <sup>J</sup>	<7.9 <sup>1</sup>	420 <sup>J</sup>	<16 <sup>j</sup>	<16 <sup>J</sup>	<16 <sup>J</sup>	<16 <sup>1</sup>	<16 <sup>J</sup>	<16 <sup>J</sup>	<16 <sup>j</sup>	<16 <sup>J</sup>	<79 <sup>1</sup>
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	05/18/17	0-0.5	<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 Leve	l for Soil		158.73 <sup>(3)</sup>	909 <sup>(3)</sup>	555 <sup>(3)</sup>	NE	<b>222</b> <sup>(3)</sup>	<b>58.8</b> <sup>(3)</sup>	109.89 <sup>(3)</sup>	NE	NE	<b>2,857</b> <sup>(3)</sup>	<b>2,941</b> <sup>(3)</sup>	NE	62.5 <sup>(3)</sup>	<b>24,000</b> <sup>(2)</sup>	<b>4,166</b> <sup>(3)</sup>	NE	<b>2,941</b> <sup>(3)</sup>	NE	<b>400,000</b> <sup>(2)</sup>	<b>480,000</b> <sup>(2)</sup>	NE	909 <sup>(3)</sup>

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

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

<sup>(1)</sup>Samples analyzed by EPA Method 8081B.

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

<sup>(3)</sup>MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>.

Laboratory Note:

<sup>J</sup>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



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

												Analytical	Results <sup>(1)</sup> (mi	icrograms pe	r kilogram)									
Sample ID	Date Sampled	Depth (feet bgs)	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			<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	05/18/17	0–0.5	<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 <sup>(2)</sup>			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 fo	or Soil		158.73 <sup>(4)</sup>	<b>909</b> <sup>(4)</sup>	555 <sup>(4)</sup>	NE	<b>222</b> <sup>(4)</sup>	<b>58.8</b> <sup>(4)</sup>	<b>109.89</b> <sup>(4)</sup>	NE	NE	<b>2,857</b> <sup>(4)</sup>	<b>2,941</b> <sup>(4)</sup>	NE	<b>62.5</b> <sup>(4)</sup>	<b>24,000</b> <sup>(3)</sup>	<b>4,166</b> <sup>(4)</sup>	NE	<b>2,941</b> <sup>(4)</sup>	NE	<b>400,000</b> <sup>(3)</sup>	<b>480,000</b> <sup>(3)</sup>	NE	<b>909</b> <sup>(4)</sup>

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.

<sup>(1)</sup>Samples analyzed by EPA Method 8081B.

<sup>(2)</sup>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 <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>.

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

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

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



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

							Ana	lytical Result	<b>s</b> <sup>(1)</sup> (microgran	ns per kilogra	am)			
Sample ID	Sampled By	Date Sampled	<b>Depth</b> (feet bgs)	Dalapon	Dicamba	MCPP	MCPA	Dichlorprop	2,4-D	Pentachlorophenol	2,4,5-TP (Silvex)	2,4,5-Т	2,4-DB	Dinoseb
NS-COMP-01				<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	SoundEarth	05/18/17	0-0.5	<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 Leve	el <sup>(2)</sup>			800,000	800,000	26,667	3,333	NE	266,667	833	213,333	266,667	213,333	26,667
MTCA Cleanup Lev				<b>2,400,000</b> <sup>(3)</sup>	<b>2,400,000</b> <sup>(3)</sup>	80,000 <sup>(3)</sup>	<b>10,000</b> <sup>(3)</sup>	NE	800,000 <sup>(3)</sup>	<b>2,500</b> <sup>(4)</sup>	640,000 <sup>(3)</sup>	800,000 <sup>(3)</sup>	<b>640,000</b> <sup>(3)</sup>	80,000 <sup>(3)</sup>

#### NOTES:

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

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

<sup>(1)</sup>Samples analyzed by EPA Method 8151A.

<sup>(2)</sup>Project Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

<sup>(3)</sup>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>.

<sup>(4)</sup>MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Cancer, Direct Contact, CLARC Website <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>. < = 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

	Dete	Doubh			Analy	tical Results <sup>(1)</sup> (m	illigrams per kil	ogram)		
Sample ID	Date Sampled	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NS-COMP-01			<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	05/18/17	0-0.5	<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 Leve	el <sup>(2)</sup>		6.7	5333	0.67	667	83	0.67	133	133
MTCA Cleanup Lev	el for Soil		<b>20</b> <sup>(3)</sup>	<b>16,000</b> <sup>(4)</sup>	<b>2</b> <sup>(3)</sup>	<b>2,000</b> <sup>(3)</sup>	<b>250</b> <sup>(3)</sup>	<b>2</b> <sup>(3)</sup>	<b>400</b> <sup>(4)</sup>	<b>400</b> <sup>(4)</sup>

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.

<sup>(1)</sup>Samples analyzed by EPA Method 6010C/7471B.

 $^{\rm (2)} \rm Project$  Action Level determined by dividing the MTCA Cleanup Level by the number of discrete samples composited.

<sup>(3)</sup>MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

<sup>(4)</sup>MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Noncancer, Direct Contact, CLARC Website <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>. < = 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



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

							Analytica	l Results			
	Date	Depth			Tota	<b>al Metals</b> <sup>(1)</sup> (milli	grams per kilog	ram)			TCLP <sup>(2)</sup> (milligrams per liter)
Sample ID	Sampled	(feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	Lead
NS-02-SS1							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	05/18/17	0–0.5			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 Lev	el for Soil		<b>20</b> <sup>(3)</sup>	<b>16,000</b> <sup>(4)</sup>	<b>2</b> <sup>(3)</sup>	<b>2,000</b> <sup>(3)</sup>	<b>250</b> <sup>(3)</sup>	<b>2</b> <sup>(3)</sup>	<b>400</b> <sup>(4)</sup>	<b>400</b> <sup>(4)</sup>	<b>5</b> <sup>(5)</sup>

#### NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

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

<sup>(1)</sup>Samples analyzed by EPA Method 6010C/7471B.

<sup>(2)</sup>Samples analyzed by EPA Method 6010C and 1311.

<sup>(3)</sup>MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

<sup>(4)</sup>MTCA Cleanup Regulation, Chapter 173-340 of WAC, CLARC, Soil, Method B, Noncancer, Direct Contact, CLARC Website <a href="https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx">https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx</a>.

<sup>(5)</sup>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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910



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



**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 & Acronyms**



 WO#:
 2306469

 Date Reported:
 6/28/2023

## 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 Recoverv **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.				Collection	Dat	e: 6/27/2023 11:16:00 AM
Project: Lab ID: Client Sa	1267-004 2306469-001 ample ID: NS-04-HA3-0.5				Matrix: So	oil	
Analyse	S	Result	PQL	Qual	Units	DF	Date Analyzed
<u>Organo</u>	chlorine Pesticides by EPA I	Method 80	<u>81A</u>		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
<u>Sample</u>	Moisture (Percent Moisture)	1			Batch	ID:	R84971 Analyst: ALB
Percent	Moisture	3.21	0.500		wt%	1	6/27/2023 5:16:38 PM

KAN AHU

5

remont

An Alliance Technical Group Company

Analytical





Client:	SoundEarth Strategies, Inc.				Collection	Dat	e: 6/27/2023 11:19:00 AM
Project: Lab ID: Client Sa	1267-004 2306469-002 ample ID: NS-04-HA3-1.0				Matrix: So	oil	
Analyse	s	Result	PQL	Qual	Units	DF	Date Analyzed
<u>Organo</u>	chlorine Pesticides by EPA I	Method 80	<u>81A</u>		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
<u>Sample</u>	Moisture (Percent Moisture)	L			Batch	ID:	R84971 Analyst: ALB
Percent	Moisture	4.24	0.500		wt%	1	6/27/2023 5:16:38 PM

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An Alliance Technical Group Company

Analytical





Client:	SoundEarth Strategies, Inc.				Collection	Dat	e: 6/27/2023 11:05:00 AM
Project: Lab ID: Client Sa	1267-004 2306469-004 ample ID: NS-04-HA2-0.5				Matrix: So	bil	
Analyse	•	Result	PQL	Qual	Units	DF	Date Analyzed
<u>Organo</u>	chlorine Pesticides by EPA I	Method 80	<u>81A</u>		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
<u>Sample</u>	Moisture (Percent Moisture)	1			Batch	ID:	R84971 Analyst: ALB
Percent	Moisture	4.50	0.500		wt%	1	6/27/2023 5:16:38 PM





Client: SoundEarth Strategies, Inc.					Collection Date: 6/27/2023 11:09:00 AM					
Project: Lab ID: Client Sa	1267-004 2306469-005 ample ID: NS-04-HA2-1.0	Matrix: Soil								
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: CLIENT: Project:	2306469 SoundEarth 1267-004	Strategies, Inc.					Organ	ochloriı	QC S	SUMMAI es by EPA		-
Sample ID: MB-407	764	SampType: <b>MBLK</b>			Units: mg/Kg		Prep Date	6/27/20	23	RunNo: 849	991	
Client ID: MBLKS	s	Batch ID: 40764					Analysis Date	6/27/20	23	SeqNo: 177	3986	
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	o-m-xylene	2.09		2.000		104	36.6	156				
Sample ID: LCS1-4	40764	SampType: LCS			Units: mg/Kg		Prep Date	: 6/27/20	23	RunNo: 849	991	
Client ID: LCSS		Batch ID: 40764					Analysis Date	6/27/20	23	SeqNo: 177	3987	
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: Decachloro	obiphenyl	0.176		0.2000		88.1	43.8	173				
Surr: Tetrachloro	o-m-xylene	2.01		2.000		100	36.6	156				
Sample ID: 230638	85-002AMS	SampType: <b>MS</b>			Units: mg/Kg-	dry	Prep Date	: 6/27/20	23	RunNo: 849	991	
Client ID: BATCH	4	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: Decachloro	obiphenyl	0.185		0.2098		88.4	43.8	173				
Surr: Tetrachloro	o-m-xylene	2.14		2.098		102	36.6	156				
Sample ID: 2306385-002AMSD		SampType: MSD		Units: mg/Kg-dry		dry	Prep Date: 6/27/2023		RunNo: <b>84991</b>			
Client ID: BATCH	4	Batch ID: 40764					Analysis Date: 6/27/2023		23	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: Decachloro	obiphenyl	0.181		0.2087		86.8	43.8	173		0		
Surr: Tetrachloro	o-m-xylene	2.08		2.087		99.4	36.6	156		0		



# 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 Cus	tody						
	Custody complete?	Yes 🖌	No 🗌	Not Present			
	e sample delivered?	Client					
Z. How was the		Client					
<u>Log In</u>							
	als present on shipping container/cooler? nments for Custody Seals not intact)	Yes	No 🗌	Not Present 🗹			
4. Was an atte	mpt made to cool the samples?	Yes 🖌	No 🗌				
5. Were all iten	ns received at a temperature of >2°C to 6°C *	Yes 🖌	No 🗌				
6. Sample(s) in	n proper container(s)?	Yes 🖌	No 🗌				
7. Sufficient sa	mple volume for indicated test(s)?	Yes 🗹	No 🗌				
8. Are samples	properly preserved?	Yes 🖌	No 🗌				
9. Was preserv	vative added to bottles?	Yes	No 🔽	NA 🗌			
10. Is there head	dspace in the VOA vials?	Yes	No 🗌	NA 🔽			
11. Did all samp	les containers arrive in good condition(unbroken)?	Yes 🖌	No 🗌				
12. Does paperv	work match bottle labels?	Yes 🗹	No 🗌				
13. Are matrices	s correctly identified on Chain of Custody?	Yes 🖌	No 🗌				
14. Is it clear wh	at analyses were requested?	Yes 🖌	No 🗌				
15. Were all hold	ding times able to be met?	Yes 🖌	No 🗌				
Special Hand	<u>lling (if applicable)</u>						
16. Was client	notified of all discrepancies with this order?	Yes 🖌	No 🗌				
Perso	n Notified: Clare Tochlin Date		6/27/2023				
By Wi	hom: Clare Griggs Via:	🖌 eMail 🗌 Pr	none 🗌 Fax	In Person			
Regar	rding: Confirming analysis.						
Client	Instructions: See revised COC.						
47 Additional r							

## 17. Additional remarks:

#### Item Information

Item #	Temp ⁰C
Sample	1.5

\* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C
	360	00 Fremont	Ave N.		Ch	ain	of	Cus	tod	y Rec	ord	& L	abo	rator	y Servio	es Ag	reem	nent	
Fremo		eattle, WA Tel: 206-35	98103 2-3790	Date:	6/27/2					Page: 2		of: 2			ry Project No (inte				6/27/2
Analyt					t Name:		-004							Special Re	marks: bill to Seatt	le Citv Li	23064 aht	469	
client: SoundEarth // Seattle C	City Light			Project	t No: 12	267-	004 /	120	67-007	7					er CT 6/27/2		5		
Address: 1011 Klickitat Way SV	*************************			Collect	ted by:	Nolan	Conv	way							01 01 0/21/2	-0 0g			
ity, state, zip: Seattle, WA 9813				1	n: No				n										
					t To (PM										Samples will be disp ain volume (specify		s unless othe		
<sup>relephone:</sup> :mail(s): ctochilin@soundearthir	nc com nc	onway@	lsounde	Luminum									mmonamoun						
Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	1 Ser	EPA BIO	Caral Participation of the caracteristic state o	STORE STORE	Stranger Color		889 889 889 889 889 889	And Ind	Se Jeen				Comments		
NS-04-HA3-0.5	6/27/23	1116	S	1									X						_
NS-04-HA3-1.0	6/27/23	1119	S	1									$\times$						_
NS-04-HA3-2.0	6/27/23	1124	S	1											HOLD				_
NS-04-HA2-0.5	6/27/23	1105	S	1									$\times$						_
NS-04-HA2-1.0	6/27/23	1109	S	1									$\times$						
NS-04-HA2-2.0	6/27/23	1112	S	1											HOLD				_
~																			
		-																	
2				NO															
0				612	7/2	23						-							
Matrix: A = Air, AQ = Aqueous, B = Bulk,	O = Other, P =	Product, S =	and the statement of th			************	444408808999000			********************						Vater		round Time:	
*Metals (Circle): MTCA-5 RCRA-8	Priority Polluta		********								/lg Mn	Mo Na	Ni Pb S	b Se Sr S	n Ti Ti V Zn			Next Day	
**Anions (Circle): Nitrate Nitrite I represent that I am authorized t		Sulfate	Bromi	100	O-Phos	An Although	N 43	oride behal		te+Nitrite	ned ab	ove, the	at I have	verified	Client's agree		3 Day	Same Da	ау
to each of the terms on the front a				a rren	iont Al	aaryu	. 41 01	Jenar	i or the	chent na	act ab	oreș ult				U	2 Day	(specify)	-
relinquished (Signature)	Print Name	Canado	<b>y</b> (	Date/T		73	14		×	Signature)	-		Emv	nt Name	Tuck	Date/Time	123	14:1	Ø
Relinquished (Signature)	Print Name	• )		Date/T	ime				Received X	Signature)		_	Pri	nt Name		Date/Time		,	



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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1



CLIENT: Project: Work Order:	SoundEarth Strategies, Inc. North Substation Property 2403024	Work Order Sa	ample 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 & Acronyms**



 WO#:
 2403024

 Date Reported:
 3/21/2024

### 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 Recoverv 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	8/1/2024 10:48:00 AM
Project:	North Substation Property						
Lab ID:	2403024-001				Matrix: So	oil	
Client Sa	ample ID: NS-07-HA2-01-TC	CLP					
Analyse	S	Result	RL	Qual	Units	DF	Date Analyzed
<u>Total M</u>	etals by EPA Method 6020				Batch	ID: 433	315 Analyst: ME
Lead		1,810	127	D	mg/Kg-dry	100	3/21/2024 11:20:00 AM
<u>Sample</u>	Moisture (Percent Moistur	<u>e)</u>			Batch	ID: R90	0267 Analyst: MP
Percent	Moisture	17.9	0.500		wt%	1	3/18/2024 8:33:31 AM





Work Order: CLIENT: Project:	2403024 SoundEarth North Substa	-									SUMMAI		
Sample ID: MB-43	315	SampType:	MBLK			Units: <b>mg/Kg</b>		Prep Dat	ie: 3/20/20	24	RunNo: 903	376	
Client ID: MBLKS	6	Batch ID:	43315					Analysis Dat	te: <b>3/20/20</b>	24	SeqNo: 188	35074	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			ND	0.984									
Sample ID: LCS-43	3315	SampType:	LCS			Units: mg/Kg		Prep Dat	te: <b>3/20/20</b>	24	RunNo: 903	376	
Client ID: LCSS		Batch ID:	43315					Analysis Dat	te: <b>3/20/20</b>	24	SeqNo: 188	85075	
Analyte		F	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: 240333	6-001AMS	SampType:	MS			Units: mg/Kg	-dry	Prep Dat	e: <b>3/20/20</b>	24	RunNo: 903	376	
Client ID: BATCH	ł	Batch ID:	43315					Analysis Dat	te: <b>3/20/20</b>	24	SeqNo: 188	35078	
Analyte		F	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: 240333	6-001AMSD	SampType:	MSD			Units: mg/Kg	-dry	Prep Dat	te: <b>3/20/20</b>	24	RunNo: 903	376	
Client ID: BATCH	ł	Batch ID:	43315					Analysis Dat	te: <b>3/20/20</b>	24	SeqNo: 188	85079	
Analyte		F	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	



CLIENT: S	403024 SoundEarth S Iorth Substat	-					I	Metals (E	PA 6020	QC S )B) with TC	SUMMAI		
Sample ID: MB-43161	1	SampType	: MBLK			Units: mg/L		Prep Da	te: 3/5/202	24	RunNo: 900	)73	
Client ID: MBLKS		Batch ID:	43161					Analysis Da	te: 3/6/202	24	SeqNo: 187	9269	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			ND	0.200									
Sample ID: LCS-4316	61	SampType	: LCS			Units: mg/L		Prep Da	te: 3/5/202	24	RunNo: 900	)73	
Client ID: LCSS		Batch ID:	43161					Analysis Da	te: 3/6/202	24	SeqNo: 187	9270	
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: <b>mg/L</b>		Prep Da	te: 3/5/202	24	RunNo: 900	)73	
Client ID: BATCH		Batch ID:	43161					Analysis Da	te: 3/6/202	24	SeqNo: 187	9272	
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: <b>mg/L</b>		Prep Da	te: 3/5/202	24	RunNo: 900	)73	
Client ID: BATCH		Batch ID:	43161					Analysis Da	te: 3/6/202	24	SeqNo: 187	9274	
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: <b>mg/L</b>		Prep Da	te: 3/5/202	24	RunNo: 900	)73	
Client ID: BATCH		Batch ID:	43161					Analysis Da	te: 3/6/202	24	SeqNo: 187	9277	
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	

#### 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.

ale

Michael Erdahl Project Manager

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

### ENVIRONMENTAL CHEMISTS

### 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.

<u>Laboratory ID</u>	<u>Fremont Analytical</u>
403068 -01	NS-07-HA2-01-TCL

All quality control requirements were acceptable.

## ENVIRONMENTAL CHEMISTS

## Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	NS-07-HA2-01-TC	L	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:		ntration (ppm)	TCLP Lim	it
Lead	3	8.5	5.0	

Page 10 of 29

## ENVIRONMENTAL CHEMISTS

## 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 Lin	iit
Lead	<1	5.0	

3

#### ENVIRONMENTAL CHEMISTS

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) Percent Percent Reporting Spike Sample Recovery Recovery Acceptance Units Level Result MSMSD Criteria (Limit 20) Analyte Lead mg/L (ppm) 1.03.584 b 65 b 75-125

Laboratory Code: Laboratory Control Sample

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

RPD

26 b

### ENVIRONMENTAL CHEMISTS

## **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.

 ${\rm J}$  - 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.

 $k-\mbox{The calibration results}$  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.

 $\rm pc$  - 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.

	Comments.	larges!	Note: RUSH requests will incur surcharges!	Note: RUSH req				
ples°C Attempt to Cool ?	Temp of samples	3rd BD	2nd BD	Next BD	RUSH	Standard	TAT:	
FOR LAB USE		Date: Time:	D	Received By:	Time: R	Date:	hed By:	Relinquished By:
HARDCOPY (extra cost)	HARDCOP		0	Received By:	Time:	Date	hed By:	Relinquished By:
TTAL DESIRED:		Date: Dylos/24 15:49	0 0	Received By:	Time: 13 35	Date: 3/5/24	And By	Retinguished By
Samples received at <u>0</u> °C								
þ								
			and a source of the source of			SOZO	M-1CLP-0020	
TCLP extract has been tumbled and filtered.	1	3/1/2024 10:48:00 AM	oil	NS-07-HA2-01-TCL CLEAR JARS 4 O Soil	S-07-HA2-01-TCL		2403024-001B	н
COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.	NUMBER OF CONTAINERS	DATE COLLECTED	MATRIX	BOTTLE TYPE	CLIENT SAMPLE ID	SAMPLE ID		ALTO ITEM #
							T#	ACCOUNT #:
					EMAIL:	282 FAX:	(206) 285-8282	PHONE:
						CITY, STATE, ZIP: Seattle, WA 98119	ATE, ZIP: Seatt	CITY, ST
10日 F0. ASAF KUSH 1A1. Flease elliali lesuits to SEA.FMJ@alitative语.com	on TAL Please e	ICLF FD. ASAF KUS			est	3012 16th Avenue West	s: 3012	ADDRESS:
annil soults to CEA DM@dlionosts com	COMMENTS:	SPECIAL INSTRUCTIONS / COMMENTS:	Bruya	Friedman & B	COMPANY:	SUB CONTRATOR: Friedman & Bruya	TRATOR: Fried	SUB CO
Website: www.fremontanalytical.com								
	03105/24					S	403068	£
						Analytical An Ailance Technical Group Company	An Aillance To	3
PAGE: 1 OF: 1 Fremont Analytical Inc	Omega COCID 1990		USTODY	CHAIN OF CUSTODY RECORD	•	Fremont		A A



# **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 i

#### **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.

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

## Table 1. Summary of Dangerous Waste Characterization Test Conditions

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 organismo (oneo.	
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

Table 2. Test organisms (Oncorhynchus mykiss)

### 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.

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

Table 3. Summary of Results

### **4.0 QUALITY ASSURANCE**

The most recently completed reference toxicant test was initiated February 19, 2024. The LC<sub>50</sub> of 152  $\mu$ g/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

-		3 2 1 3 2	w N I w N	υ — ω R -	Rep 1 2	Client: Sample ID: Test #: Log In #:
Sample Alk. ( Control C JOOPPIN C	Technician Initials			100 PPM	Conc.	# ID:
ar Source:					17 73 73	Fremunt Analytica 2403024 -001A 2403-039 724-115
MH						1 - 0 39 - 0
MHSW 029	₩ ₩		┛━┶━┝┉┝		Number of           Live Organisms           24         48           72         48           10         10           10         10           10         10           10         10           10         10	H10 H10
				0000	er of anisms 10 10	e e
Alk. (fin.) 64 64	SAF (+				0000	
Hard. (fin.)	st w		9.8 8.5	8.8 5.4 9.1 56 8.9 5.4 8.6 5.3	Disso 0 24 9.0 8,5 8.4 8,3 8.7 8,5	
	4 V		58.4	26 27 26 23 26 24 26 26 26 26 26 26 26 26 26 26 26 26 26 26 26 26 2	Dissolved Oxygen (mg/L) 24 48 72 8,2 8,3 8.0 8,2 7,1 7.8 8,6 7,1 7.8 8,6 7,1 8.0 8,5 7,3 8.0	
Chlorine Anin (mg/L C12) Date (Lengths (g): <u>41</u> Lengths(mm): <u>41</u> Length max/min:	eff y		18			
e ma	9				191 0/2 191 1/2 191 1/	
teceived: teceived: <u>1997</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>199</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>195</u> <u>19</u>				1.98 775 1.91 775 1.92 773 7.93 770	0 24 1.92 767 1.91 771 1.91 771	
Et II	,			532 1941 1941	pH (units) 749 746	Start Date & Time: End Date & Time: Test Organism: Test Protocol:
	,		1.29	1.50 C M 7.31 C M 7.31 C M	72 96 73 73 737 733 737 733	Start Date & Time: End Date & Time: Test Organism: Test Protocol:
175h Lo 2024 班 개8 近 11 Loading:			33		96 0 7,3,3 33 7,3,4 330 7,3,4 330 7,3,7 334 7,3,3 3,37	b): Wash
	Test					t Date & Time: $3/15/202$ d Date & Time: $3/19/302$ Test Organism: <u>Oncorhynchus mykiss</u> Test Protocol: <u>Washington State Dep</u>
Date of Hatch: Date of Swim up: <u>143</u> <u>143</u> <u>141</u> <u>144</u> <u>143</u> <u>143</u> <u>144</u> <u>143</u> <u>143</u>	Test Volume:				Conductivity (umhos/cm) 4 48 72	12024 12024 s mykiss tate Depart
			4	2335 2335 2335		artment
ш = ц - ц - ц				11.8	0-0- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Date & Time: $3/15/2024$ 0925 Date & Time: $3/19/3034$ 0925 est Organism: <u>Oncorhynchus mykiss</u> Test Protocol: <u>Washington State Department of Ecology Publ. 80-12</u>
12024 12024 141 Rain 141 Was 5013				12,1 12,3	Temperature (°C) 24 48 7 33,3,4 11 30 3,4 11 30 3,4 11	gy Publ.
Rainier Environmental Washington Laboratory 5013 Pacific HWY E Suite 20 Tacoma, WA 98424				<u>,3   .9</u>	operature           (°C)           48         72           32.4         11.9           32.4         11.9           32.4         11.9	80-12
onmental _aboratory HWY E St				- 33 0	B,1 96	
nite 20					Percent Survival	
						1

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**Dangerous Waste Toxicity Test** 

Appendix B Reference Toxicant Test Control Chart and Statistical Summary

#### **CETIS QC Plot**

• .

Plot						Rainier Enviro	nmental Laborator
		Organis	m: Oncorhynchu	us mykiss (Rainbow Tr	o Material:	Copper sulfate	
Not Applic	able			Rate	Source:	Reference 10xi	
			Fish 96-h Acute	e Survivai Test			
242.2						and the second secon	+2s
207.6				and the second			
1		۲					+15
173.0-		-/		<b>R B</b>		R	Mean
138.4-			(				-15
103.8						//	-25
69.2			<b>`</b>	an general the Carlot and the state of the		&	
34.6-							
0.0	2 3	4 5 6 7	a 9 1	10 11 12 13	14 15 16	17 15 19	20 21
	242.2 207.6 173.0 138.4 69.2	207.6 173.0 138.4 103.8 69.2 34.6 - - - - - - - - - - - - -	Survival (96h) Organisa Not Applicable Endpoin	Survival (96h) Organism: Oncorhynchu Endpoint: 96h Survival	Survival (96h) Not Applicable 2422 2076 1730 196h Survival Rate Fish 96-h Acute Survival Test 2422 2076 1730 103.8 69.2 34.6 103.8	Survival (96h) Organism: Oncorhynchus mykiss (Rainbow Tro Material: Endpoint: 96h Survival Rate Source: Fish 96-h Acute Survival Test	Ute Survival Test         Survival (96h)       Organism: Oncorhynchus mykiss (Rainbow Tro Endpoint: 96h Survival Rate       Material: Copper sulfate Source: Reference Toxi         Fish 96-h Acute Survival Test

Maan	123.5	Count:	20	-1s Warning Limit:	92.43	-2s Action Limit:	69.19
Mean:	123.0	oount.				+2s Action Limit:	220.3
Sigma:	NA	CV:	33.60%	+1s Warning Limit:	164.9	*25 ACTION LIMAT.	1.1.0.0
Orginia						and the second s	deres and a second descent des

Qualit	ty Con	trol Data	a							
Point	Year	Month	Dav	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	2022	Jul	11	117.6	-5.915	-0.1695			18-9490-6426	20-8229-8763
2 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	2025	Feb	13	79.37	-44.1	-1.526	(-)		19-2977-9552	20-0081-1333
5 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
12		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
17		Nov	17	74.05	-49.42	-1.765	(-)		03-6255-0089	
		Dec	16	148.1	24.64	0.6283	· /		20-5210-2121	01-2201-7702
19 20	2024		16	123.1	-0.3558	-0.009964			15-0593-0372	10-9133-1092
20	2024								21-1626-2254	19-1914-3016
21		Feb	19	151.6	28.1	0.7081			21-1626-2254	19-1914-3016

ETIS Sum	mary Repor	ţ							Report Da Test Code			eb-24 10:50 24OM   21-	
Fish 96-h Acut	e Survival Test					·····				Ra	inier Enviro	onmental La	aboratory
Batch ID:	03-8288-2798	1	Fest Type:	Surviva	al (96h)				Analyst:		Tollefson		
Start Date:	19 Feb-24 13:15		Protocol:		plicable				Diluent:	Mod	Hard Synthe	etic Water	
	23 Feb-24 13:15		Species:		ynchus n	nykiss			Brine:				
Duration:	96h		Source:		odge Fisi				Age:	46d			
									Client:	Inter	nal Lab		
Sample ID:	13-0768-0192		Code:		924OM				Project:				
Sample Date:			Material:		r sulfate	tees			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Receive Date:			Source:		nce Toxic	Jan							
Sample Age:	13h		Station:	In Hou	se								
Comparison S	Summary								B.0 -	ما ما			
Analysis ID	Endpoint		NOE		OEL	TOEL	PMSD	TU		thod	ultiple Com	parison Tes	t
01-5206-9358	96h Survival Ra	te	100	2	00	141.4	23.5%		Du	intett iv	iunpio Com		-
Point Estimat	e Summary												
Analysis ID	Endpoint		Leve	1 F	ıg/L	95% LCL	95% UCL	TU		thod			
	96h Survival Ra	te	LC50	) 1	51.6	130.9	175.5		Sp	earmai	n-Kärber		
96h Survival	Rate Summary				·								
C-µg/L	Control Type	Coun	t Mea	n s	5% LCL	95% UCL	Min	Max		d Err	Std Dev	CV%	%Effec
0	Dilution Water	3	1		1	1	1	1	0		0	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% 18.33%	16.67%
100		3	0.83	33 (	0.7763	0.8904	0.7	1		08819	0.1528	94.37%	73.33%
200		3	0.26	67	0.1727	0.3606	0	0.5		1453	0.2517	94.57 70	100.0%
400		3	0		D	0	0	0	0		0		100.07
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	10/1	0 10/	10	10/10								
25		10/1	0 10/*	10	10/10								
50		10/1		10	10/10								
100		10/1			7/10								
200		3/10			0/10								
200		0/10			0/10								

0/10

0/10

0/10

400

Appendix C Chain-of-Custody Form

		A DESCRIPTION OF A				BIO-FISH TOX	÷
	1	3/1/2024 10:48:00 AM	Soil	NS-07-HA2-01-TCL CLEAR JARS 4 O Soil	5-07-HA2-01-TCL		
COMMENTS: Actuation reserved w engine HOT Sample Notation, Additional Sample Description.	NUMBER OF CONTAINERS	DATE COLLECTED	MATRIX	BOTTLE TYPE	CLIENT SAMPLE ID	SAMPLE ID	ITEM #
							ACCOUNT #:
					EMAIL	(253) 922-8898 FAX:	PHONE: (25
						CITY, STATE, ZIP: Fife, WA 98424	CITY, STATE, 2
						5013 Pacific Hwy E	ADDRESS:
LEVIS: L results to SEA.PM@alliancetg.com	mail results to S	Special INSTRUCTIONS / COMMENTS: Standard TAT. Please email result	onmental	<b>Rainier Environmental</b>	COMPANY:	SUB CONTRATOR: RAINIER	SUB CONTRAT
рерупски в в в в в в в в в в в в в в в в в в в							
FAX: 206-352-7178							

	inges!	Note: RUSH requests will incur surcharges!			
Comments:	3rd BD	Next BD	RUSH	Standard	TAT:
Temp of samples "C Attempt to Cool 7					
	te:	Received By: Date:	Time:	Date:	Relinquished By:
FOR LAB USE ONLY					
		Received By:		Date:	Relinquished By:
□ HARDCOPY (extra cost) □ FAX □ EMAIL □ ONLINE	-g T June	see)	5/12/24 845	21229	77
REPORT TRANSMITTAL DESIRED:	Date: 2/11 Time INON		Time:	Dete:	Berkhunished By:

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Page 25 of 29



## Sample Log-In Check List

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### 17. Additional remarks:

#### Item Information

Item #	Temp ⁰C
Sample	2.6

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

	2403024
3600 Fremont Ave N.	Chain of Custody Record & Laboratory Services Agreement
ATTO WATCOTA Tel: 206-352-3790	
An Alizate Technical Group Company	h Substation Property Hait and the Antimation Fish
dient Soundfarth Strategies Inc.	) bioussain approval and hereiting visit
Address: 1011 SW Hlichitat Way	
City, State, Zip: Seattle, WA 98134	Location: 1300 North 97th Street Sci-apinusice@seature.gov
Telephone: 206- 306 - 1900	
Email(s): chuch: 1; n@ sound earth: inc. com	
	[] [] [] [] [] [] [] [] [] [] [] [] [] [
Sample Name Type Sample Name Date Time (Matrix)*	cont. 1 5 6 6 4 4 4 4 5 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4
1045 07-HA2-01-TCLP 03/01/24 1046 50:1	×
4	
0	12/12/12/12/12/12/12/12/12/12/12/12/12/1
7	
9	
10	
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = S	O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water Turn-ground Time:
**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual:	ol: 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 🛛 Standard 🗌 Next Day
****Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide	se O-Phosphate Fluoride Nitrate+Nitrite
I represent that I am authorized to enter into this Agreement with to each of the terms on the front and backside of this Agreement.	If of the Client named above, that I have verified Client's agreement
* Breingeriched (Signature) Brein Brennan Bushar 03/01/24/1202	- 03/01/24/1202 * Chippanyre) . Fin AVA Bullad 211 12.00
	Received (Signature)
	www.framontanalutical.com

Page 1 of 2

	2403024
Sido Fremont 3600 Fremont Ave N.	Chain of Custody Record & Laboratory Services Agreement
ATTOLVATOOL Tel: 206-352-3790	1
An Alliance Technical Group Company	h Substation Property
allent Soundfarth Strategies Inc.	Project No: 1267 - 004 1 0 1 0 1 bioussili approval
Address: 1011 SW Hlichitat Way	
CAN, STATE, ZID: Seattle, WA 98134	Location: 1300 North 97th Street Sci-apin voice of Land
Telephone: 206 - 306 - 1900	
Email(s): chuch: 1; n@ sound earth inc. com	
Sample Name Date Time (Matrix)*	not standarc
-16-07-HA2-01-TCLP 03/01/24 1046 50:1	
0	
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*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water,	Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water Turn-ground Time:
MTCA-5 RCRA-8 Priority Pollutants TAL	Ag
****Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide	ide O-Phosphate Fluoride Nitrate+Nitrite
am authorized to ei ms on the front and	e, that I have verified Client's agreement
Book	Brennan Booka 03/01/24/1202 * 2 Print Name Bill and 3/1 12
	Received (Signature)
	www.fremontanalytical.com

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Page 1 of 2

		2403024
Sattle WA Garde WA GARDA WA GA	Chain of Custody Record & Labo	& Laboratory Services Agreement
4 17 01 17 4 17 01 A 19 200-352-3790	Date: 03 01 24 Page: 1 of: 1	Laboratory Project No (internal):
An Alfience Technical Group Company	Project Name: North Substation Property	
allent Soundfarth Strategies Inc.	Project No: 1267 - 004	bioussil approval an periority visit
Address: 1011 SW Hlichtat Way	collected by: BDB	Rate CHI AN I SHE
City, State, Zip: Seattle, WA 98134	Location: 1300 North 97th Street	SCI_ADINVOICE@SEALER. 400
Telephone: 206- 306 - 1900	Report To (PM): CLARCE TOCK 1:0	Disposal: Samples will be disposed in 30 days unless otherwise requested. Retain volume (specify above) Return to client
Email(s): chuch: 1; n@ sound earthinc.com		
Sample Name Sample Sample Type		Edits per C.T. 3/11/2024 Standard TAT -BB
-16-07-HA2-01-TCLP 03/01/24 1045 5:1	3 	+Fish Bioassay
		Additional analysis per C.T.
		STD TAT 3/14/2024 -BB
4		
	- Anno	
6	Called and Called	
7		
00		
10		/
Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = S	iment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water,	Vaste Water Turn-oro
te	e O-Phosphate Fluoride Nitrate+Nitrite	) (
I represent that I am authorized to enter into this Agreement with to each of the terms on the front and backside of this Agreement.	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.	erified Client's agreement
Relinguighed (Signature) And Principality ame * Delman Book - Evennan Book -	- 03/01/24/1202 * Received (Signature) BM MM	Bullard Date/Time
Relinquished (Signature) Print Name x	Received (Signature) Prin	D
COC 13 - 11.06.20	www.fremontanalytical.com	

APPENDIX C PHOTOGRAPHS



#### **PROPERTY PHOTOGRAPHS**

North Substation Property 7500 8th Avenue Northeast Seattle, Washington Project No.: 2 Date: / Drawn By: 0 Chk By: 1

1267-004-06 April 19, 2024 CJT RKB



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



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



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



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



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



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



Project No.: Date: Drawn By: Chk By:

1267-004-06 April 19, 2024 CJT RKB



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



Photograph 9. Removal of contaminated soil in Area 6B 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 8. View of Areas 2 and 3 after excavation to a depth of 1 foot, looking north.



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



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



Project No.: Date: Drawn By: Chk By:

1267-004-06 April 19, 2024 CJT RKB



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



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



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



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



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



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



Project No.: Date: Drawn By: Chk By:

1267-004-06 April 19, 2024 CJT RKB



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



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



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



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



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



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



Project No.: Date: Drawn By: Chk By:

1267-004-06 April 19, 2024 CJT RKB



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



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



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



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



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



Photograph 30. Hydroseeding of Area 5, looking east.


PROPERTY PHOTOGRAPHS North Substation Property 7500 8th Avenue Northeast Seattle, Washington

Project No.: Date: Drawn By: Chk By:

1267-004-06 April 19, 2024 CJT RKB



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



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



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



Photograph 32. Hydroseeding of Area 2, looking southwest.



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



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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original



CLIENT: Project: Work Order:	SoundEarth Strategies, Inc. North Substation Property 2403314	Work Order S	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 & Acronyms**



 WO#:
 2403314

 Date Reported:
 3/19/2024

#### 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 Recoverv **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



 Work Order:
 2403314

 Date Reported:
 3/19/2024

Client:	SoundEarth Strategies, Inc.				Collection	Dat	e: 3/18/20	24 12:38:00 PN	Λ
Lab ID:	North Substation Property 2403314-001 ample ID: NS-01-VER01-02				Matrix: So	oil			
Analyse		Result	RL	Qual	Units	DF	Da	te Analyzed	
<u>Organo</u>	chlorine Pesticides by EPA	Method 80	<u>)81A</u>		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	
<u>Sample</u>	Moisture (Percent Moisture	2)			Batch	ID:	R90309	Analyst: MF	
Percent	Moisture	19.6	0.500		wt%	1	3/19/	2024 9:35:05 AM	





 Work Order:
 2403314

 Date Reported:
 3/19/2024

<b>Client:</b> SoundEarth Strategies, Inc.				Collection	Dat	e: 3/18/2024 1:34:00 PM
Project: North Substation Property						
Lab ID: 2403314-006				Matrix: Sc	oil	
Client Sample ID: NS-01-VER02-02						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Dieldrin	Method 80	0.0122		Batch mg/Kg-dry	ID: 1	43298 Analyst: CO 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



 Work Order:
 2403314

 Date Reported:
 3/19/2024

Client:	SoundEarth Strategies, Inc.				Collection	Dat	e: 3/18/20	24 2:15:00 PM	
Project:	North Substation Property								
Lab ID:	2403314-011				Matrix: Sc	oil			
Client S	ample ID: NS-01-VER03-02								
Analyse	S	Result	RL	Qual	Units	DF	Da	te Analyzed	
<u>Organo</u> Dieldrin	ochlorine Pesticides by EPA	Method 80	0.0110		Batch mg/Kg-dry	ID: 1	43298 3/18/	Analyst: CO 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	
	Tetrachloro-m-xylene  Moisture (Percent Moisture		43.2 - 155			•	3/18/ R90309	2024 8:37:27 PM Analyst: MF	





Work Order: CLIENT:	2403314 SoundEart	h Strategies,	Inc							QC S	SUMMAR	RY REF	PORT
Project:		station Proper						Orgar	ochlori	ne Pesticid	es by EPA	Method	8081A
Sample ID: MB-43	3298	SampType:	MBLK			Units: mg/Kg		Prep Dat	e: 3/18/20	)24	RunNo: 903	813	
Client ID: MBLK	ĸs	Batch ID:	43298					Analysis Dat	e: <b>3/18/20</b>	024	SeqNo: 188	33833	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin			ND	0.0100									
Surr: Decachlor	robiphenyl	C	).123		0.2000		61.6	43.8	173				
Surr: Tetrachlor	ro-m-xylene	C	).196		0.2000		97.9	36.6	156				
Sample ID: LCS1	-43298	SampType:	LCS			Units: mg/Kg		Prep Dat	e: <b>3/18/2</b> (	)24	RunNo: 903	813	
Client ID: LCSS	;	Batch ID:	43298					Analysis Dat	e: <b>3/18/20</b>	)24	SeqNo: 188	33834	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin		(	).155	0.0100	0.2000	0	77.3	63.1	156				
Surr: Decachlor	robiphenyl	C	0.108		0.2000		54.1	37	160				
Surr: Tetrachlor	ro-m-xylene	C	).173		0.2000		86.5	43.2	155				
Sample ID: LCS1	D-43298	SampType:	LCSD			Units: mg/Kg		Prep Dat	e: <b>3/18/2</b> 0	)24	RunNo: 903	313	
Client ID: LCSS	602	Batch ID:	43298					Analysis Dat	e: <b>3/18/20</b>	)24	SeqNo: 188	33835	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin		(	).164	0.0100	0.2000	0	82.1	63.1	156	0.1547	5.99	30	
Surr: Decachlor	robiphenyl	C	).119		0.2000		59.7	37	160		0		
Surr: Tetrachlor	ro-m-xylene	C	).186		0.2000		92.9	43.2	155		0		



### Sample Log-In Check List

2. How was t <b>og In</b> 3. Custody Se	Morgan Wilson <b>Istody</b> of Custody complete? the sample delivered?	Date Received: Yes ✔ <u>Client</u>	3/18/2024 No 🗌	3:23:00 PM
1. Is Chain o 2. How was t <b>og In</b> 3. Custody S	of Custody complete?		No 🗌	
1. Is Chain o 2. How was t <b>og In</b> 3. Custody S	of Custody complete?		No 🗌	
<b>og In</b> }_ Custody S	the sample delivered?	<u>Client</u>		Not Present
. Custody S				
	eals present on shipping container/cooler? comments for Custody Seals not intact)	Yes	No 🗌	Not Present
L. Was an at	tempt made to cool the samples?	Yes 🗹	No 🗌	
5. Were all ite	ems received at a temperature of >2°C to 6°C *	Yes 🗸	No 🗌	
3. Sample(s)	in proper container(s)?	Yes 🖌	No 🗌	
. Sufficient	sample volume for indicated test(s)?	Yes 🗹	No 🗌	
3. Are sample	es properly preserved?	Yes 🗹	No 🗌	
). Was prese	ervative added to bottles?	Yes	No 🗹	NA 🗌
0. Is there he	eadspace in the VOA vials?	Yes	No 🗌	NA 🔽
1. Did all sam	nples containers arrive in good condition(unbroken)?	Yes 🗹	No 🗌	
2. Does pape	erwork match bottle labels?	Yes 🗹	No 🗌	
3. Are matric	es correctly identified on Chain of Custody?	Yes 🖌	No 🗌	
4. Is it clear v	what analyses were requested?	Yes 🗹	No 🗌	
5. Were all he be met?	old times (except field parameters, pH e.g.) able to	Yes 🖌	No 🗌	
pecial Har	<u>ndling (if applicable)</u>			
	nt notified of all discrepancies with this order?	Yes	No 🗌	NA 🗹
Pers	son Notified: Date	e:		
By V	Whom: Via:	eMail PI	none 🗌 Fax	In Person
	garding:			
Reg	ent Instructions:			
4. Is it clear v 5. Were all he be met? 5 <b>pecial Har</b> 16. Was clier Pers	what analyses were requested? old times (except field parameters, pH e.g.) able to <b>ndling (if applicable)</b> nt notified of all discrepancies with this order? son Notified: Date Whom: Via: garding:	Yes 🗹 Yes 🔽	No No	

#### Item Information

Item #	Temp ⁰C
Sample	5.1

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

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	ω	ont Ave N.	Chain of Custody Record & Labo	Laboratory Services Agreement
Fremonu		Seattle, WA 98103 Tel: 206-352-3790	Date: 03 18 24 Page: 1 of: 2	Laboratory Project No (Internal): 2403314
Analytical		Fax: 206-352-7178	th Substation Property	Special Remarks: Direct Bill to Seattle City Light
dient: SoundEarth Strategies, Inc./SCL	, Inc./SCL	-	Project No: 1267-004	scl_apinvoice@seattle.gov -Include PRN# (TBD)
	ty, Suite 212	•	collected by: By Inn non Book	-SCL Project Manager: Jen Kindred
city, state, Zip: Seattle, WA 98134	4		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			thinc.co	
Sample Name	Sample Sample Date Time	Sample Type (Matrix)*	но сол. <u>1995</u> сол. <u>1995</u> со	Comments
NS-90EP NS-01-VER01-02 03/18/24	-	Soil		
N5-01-VER01-2.5	1 1249			
NS-01-VER01-03	1300	00		
15-01-VER01-3.5	1308	8	X	
NS-DI-VEROI-DH	1313	US	8	
NS-01- VER02-02	1334	54	X	
145-01-VER02-2.5	1339	99	- -	
NS-01-VER02-03	HEI	03	N N	
NS-01-VER02-3.5	9461	6	×.	
10 NK-01-NER02-04	1350	0		
Air, AQ = Aqueous, B = Bulk,	O = Other, P = Product, S = Soil Priority Pollutants TAL //		Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni	SW = Storm Water, WW = Waste Water Turn-ground Time:
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	fate Bromide	O-Phosphate Fluoride Nitrate+Nitrite	
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	o enter into this Ag nd backside of this	reement with Agreement.	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.	verified Client's agreement
Relinguished (Signature)	Print Name Drennan	Booka	Date/Time Received (Signature) A CVCWCCC Date/Time Received (Signature) A CVCWCCCC	Print Name Date/Time Date/Time 1523
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Enomoni	3600 Fremont Ave N.	Chain of Custody Record & Labor	Laboratory Services Agreement
	Tel: 206-352-3790	Date: 03/18/24 Page: 2 of: 2	raject No (internal):
Analytical		1 Substation Property	Special Remarks: Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	ic./SCL	Project No: 1267-004	scl_apinvoice@seattle.gov Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	Suite 212	collected by: Brunnabat	-SCL Project Manager: Jen Kindred
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 Sample Type Date Time (Matrix)*	not Start Condition of the start of the star	
1 NS-01-VER03-02 03			Comments
2 NG-01-VER03-2.5	1 bitt	8	
3 NS-01-UER03-03	1421	9	
4	+		
UT			
6			
7			
00			
3			
*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 = Stc	orm Water, WW = Waste Water Turn-oround Time:
**Metals (Circle): MTCA-5 RCRA-8 Priori	-	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 Ti V zn Standard 🗌 Next Day
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	er into this Agreement with I ackside of this Agreement.	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.	erified Client's agreement
Relingrafshed (Signature)	Printware Bodie	-N Gra	HEIN-GIOSOU
		x x	Vame Date/Time

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	3600 Fremont Ave N.	Ave N.	Chain of Custody Record & Labor	Laboratory Services Agreement
Fremonu	Tel: 206-352-3790		ef:	Laboratory Project No (Internal): 2403314
Analytical	Fax: 206-352-7178		th Substation Property	Special Remarks: Direct Bill to Seattle City Light
dient: SoundEarth Strategies, Inc./SCL	Inc./SCL	Proje	Project No: 1267-004	-Include PRN# (TBD)
	y, Suite 212	Colle	collected by: Br Inn non Bart	-SCL Project Manager: Jen Kindred
city, state, zip: Seattle, WA 98134		Locat	Location: 7500 8th Avenue NE, Seattle, WA	
Telephone: 206-306-1900		Repo	Report To (PM): Clare Tochilin	Sample Disposal: Return to client XDisposal by lab (after 30 days)
Fax: 206-306-1907		PM E	thinc.co	
			[[6] [ [ [6] [ [ ] [ ] ] ]	
	Sample Sample	Sample Type # of		Update per BB 3/18/24 LR
1 NSWEP NS-01-VEROI-02 03/18/24	03/18/24 1238	5.1 1		Company
2 NS-01-VER01-2.5				3 samples for Dieldrin. Remaining
3 NS-01- VER01-03	1300			Samples to be placed on hold.
4 NS-01-VER01-3.5	1308			
5 NS-DI-VEROI-DH	1313			
· NS-01- VER02-02	1334	1	×	
2 NS-01-VER02-2.5	1339	-		
· N5-01-VER02-03	1343			
NS-01-VER02-3.5	9461			
10 NK-01-VER02-04	1350	-		
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O *Metals (Circle): MTCA-5 RCRA-8 I	O = Other, P = Product, S = Soil Priority Pollutants TAL //	- Soil SD = Sediment, Individual: Ag A	nt, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni	SW = Storm Water, WW = Waste Water Turn-ground Time:
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	Bromide	O-Phosphate Fluoride Nitrate+Nitrite	
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	enter into this Agree id backside of this Ag	ment with Fre reement.	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.	0 2 Day
Relinquished (Signature)	Print Name	Bacher () Date/Time	31824 1523 × A GVCU	Print Name ICLE HEIN - GipSOIN 3118/24 1573 Print Name Date/Time
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Print Name Date/Time Date/Time	3/18/24/1523 × He A-N AVC	Print Name	x BAM WWW Barbo Relinquished (Signature) x
ed Client's agreeme	I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have to each of the terms on the front and backside of this Agreement.	and backside of this Agreement with	I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement. Relingeshed (Signature)
Store Sr Sn TI TI V Zn	O-Phosphate Fluoride Nitrate+Nitrite	e Chloride Sulfate Bromide	6
SW = Storm Water, WW = Waste Water Turn-ground Time:	iment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water,	O = Other, P = Product, S = Soil,	*Matrix: A = Air, AQ = Aqueous, B = Bulk, **Metals (Circle): MTCA-5 BCBA-8
			10
			9
			7
	140 O3/10-		6
	Rnp		UT.
			4
	<b>%</b>	1421	3 NS-01-VER03-03
Samples to be placed on hold	×	1 bitt	2 NS-OI-VER03-2.5
3 samples for Dieldrin. Remaining		03/18/24/1415 So:1	1 NS-01 - VER03-02
	u ot (23) (0,0)	Sample Sample Time (Matrix)*	Sample Name
	PM Email: ctochilin@soundearthinc.com	-	Fax: 206-306-1907
Sample Disposal: Return to client X Disposal by lab (after 30 days)	Report To (PM): Clare Tochilin		Telephone: 206-306-1900
	Location: 7500 8th Avenue NE, Seattle, WA	34	city, state, zip: Seattle, WA 98134
-SCL Project Manager: Jen Kindred	collected by: Barman Bart	Vay, Suite 212	Address: 1011 SW Klickitat Way, Suite 212
scl_apinvoice@seattle.gov -Include PRN# (TBD)	Project No: 1267-004	es, Inc./SCL	client: SoundEarth Strategies, Inc./SCL
Special Remarks: Direct Bill to Seattle City Linht	1 Substation Property	R[#[]] Fax: 200-332-11/6	Analytical
	Date: 03/18/24 Page: 2 of: 2		
aboratory Services Agreement	Chain of Custody Record & Labo	3600 Fremont Ave N. Seattle. WA 98103	



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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910



# CLIENT: SoundEarth Strategies, Inc. Work Order Sample Summary Project: North Substation Property Work Order: 2403336 Lab Sample ID Client Sample ID Date/Time Collected Date/Time Received

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



**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 & Acronyms**



 WO#:
 2403336

 Date Reported:
 3/22/2024

#### 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

 Work Order:
 2403336

 Date Reported:
 3/22/2024

<b>Client:</b> SoundEarth Strategies, Inc. <b>Project:</b> North Substation Property				Collection	Dat	e: 3/19/2024 8:42:00 AM
Lab ID: 2403336-001				Matrix: Soi	il	
Client Sample ID: NS-02-VER01-01						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	<u>Method 8(</u>	<u>081A</u>		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



 Work Order:
 2403336

 Date Reported:
 3/22/2024

<b>Client:</b> SoundEarth Strategies, Inc. <b>Project:</b> North Substation Property				Collection	Dat	e: 3/19/2024 11:14:00 AM
Lab ID: 2403336-006				Matrix: So	il	
Client Sample ID: NS-02-VER02-01						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 80	<u>081A</u>		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

 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client:	SoundEarth Strategies, Inc.				Collection	Date	e: 3/19/2024 11:48:00 AM
Lab ID:	North Substation Property 2403336-011 ample ID: NS-03-VER01-01	Matrix: Soil					
Analyse	S	Result	RL	Qual	Units	DF	Date Analyzed
<u>Organo</u>	chlorine Pesticides by EPA	Method 80	<u>)81A</u>		Batch	ID: 4	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
<u>Sample</u>	Moisture (Percent Moisture	)			Batch	ID:	R90375 Analyst: OP
Percent	Moisture	19.0	0.500		wt%	1	3/20/2024 4:27:18 PM

GTN AH/IN

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An Alliance Technical Group Company

Analvtical



 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client:	SoundEarth Strategies, Inc.	Collection Date: 3/19/2024 12:08:00 PM								
Lab ID:	North Substation Property 2403336-016 ample ID: NS-03-VER02-01		Matrix: Soil							
Analyse	•						Date Analyzed			
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		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 Moistur		)			Batch	ID:	R90375 Analyst: OP			
Percent Moisture		20.7	0.500		wt%	1	3/20/2024 4:27:18 PM			



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

<b>Client:</b> SoundEarth Strategies, Inc.		Collection Date: 3/19/2024 1:34:00 PM							
Project: North Substation Property									
Lab ID: 2403336-021				Matrix: So	oil				
Client Sample ID: NS-03-VER03-01									
Analyses	Result	RL	Qual	Units	DF	Date Analyzed			
Organochlorine Pesticides by EPA		<u>081A</u>		Batch		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			
				0 0 ,	1 1 1				
Surr: Decachlorobiphenyl	101 128	37 - 160		%Rec %Rec	1 1	3/20/2024 1:11:19 PM			





 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client:	SoundEarth Strategies, Inc.			: 3/19/2024 1:36:00 PM						
Lab ID:	North Substation Property 2403336-022 ample ID: NS-03-VER03-1.5		Matrix: Soil							
Analyse	S	Result RL Qual Units DF Date Analy								
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		Batch	n ID: 4	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			
<u>Sample</u>	Moisture (Percent Moisture	D)			Batch	ID: F	R90378 Analyst: SK			
Percent	Moisture	18.6	0.500		wt%	1	3/21/2024 8:44:34 AM			

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

Client:	SoundEarth Strategies, Inc.				Collection	Date	: 3/19/2024 1:38:00 PM
Lab ID:	North Substation Property 2403336-023 ample ID: NS-03-VER03-02						
Analyse	Analyses Result RL Qual I					DF	Date Analyzed
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		Batch	n 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 Moistur		)			Batch	n ID: F	R90378 Analyst: SK
Percent Moisture		20.6	0.500		wt%	1	3/21/2024 8:44:34 AM





#### Callestian Date: 0/40/0004 4:00:00 DM

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

Client:	SoundEarth Strategies, Inc.	Collection Date: 3/19/2024 1:48:00 PM								
Lab ID:	North Substation Property 2403336-026 ample ID: NS-04-VER01-01				Matrix: Soil					
Analyse	S	Result	RL	Qual	Units	DF	Date Analyzed			
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		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 Moistur		)			Batch	ID:	R90378 Analyst: SK			
Percent Moisture		7.12	0.500		wt%	1	3/21/2024 8:44:34 AM			





#### Callestian Date: 0/40/0004 4:40:00 DM

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

Client:	SoundEarth Strategies, Inc.				Collection	Dat	e: 3/19/2024 2:20:00 PM		
Lab ID:	North Substation Property 2403336-031 ample ID: NS-04-VER02-01				Matrix: Soil				
Analyse	S	Result	RL	Qual	Units	DF	Date Analyzed		
Organochlorine Pesticides by EPA		Method 80	<u>081A</u>		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 Moistur		)			Batch	ID:	R90378 Analyst: SK		
Percent Moisture		24.6	0.500		wt%	1	3/21/2024 8:44:34 AM		





 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client:	SoundEarth Strategies, Inc.				Collection	Dat	<b>e:</b> 3/19/2024 2:22:00 PM			
Lab ID:	North Substation Property 2403336-032 ample ID: NS-04-VER02-1.5				Matrix: Soil					
Analyse	S	Result	Qual	Units	DF	Date Analyzed				
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		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 Moistur		)			Batch	ID:	R90424 Analyst: DI			
Percent Moisture		18.5	0.500		wt%	1	3/22/2024 10:13:52 AM			



Fremont Analytical



 Work Order:
 2403336

 Date Reported:
 3/22/2024

<b>Client:</b> SoundEarth Strategies, Inc.				Collection	Dat	te: 3/19/2024 2:24:00 PM
Project: North Substation Property						
Lab ID: 2403336-033				Matrix: Sc	oil	
Client Sample ID: NS-04-VER02-02						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA Dieldrin	Method 80	0.0126		Batch mg/Kg-dry	ID: 1	43353 Analyst: SK 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	2)	Batch ID: R90		R90424 Analyst: DI		
Percent Moisture	21.7	0.500		wt%	1	3/22/2024 10:13:52 AM



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

Client:	SoundEarth Strategies, Inc.				Collection	Date	: 3/19/2024 2:32:00 PM			
Lab ID:	North Substation Property 2403336-036 ample ID: NS-04-VER03-01		Matrix: Soil							
						DF	Date Analyzed			
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		Batch	n ID: 4	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			
<u>Sample</u>	Moisture (Percent Moisture	e) Batch ID: R90378 Analy					R90378 Analyst: SK			
Percent Moisture		12.4	0.500		wt%	1	3/21/2024 8:44:34 AM			





#### Callestian Date: 0/40/0004 0:00:00 DM

 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client:	SoundEarth Strategies, Inc.				Collection Date: 3/19/2024 2:50:00 PM						
Lab ID:	North Substation Property 2403336-041 ample ID: NS-06B-VER01-01		Matrix: Soil								
Analyse	s Result RL Qual Units DF Date An										
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		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 Moistur		)			Batch	ID:	R90378 Analyst: SK				
Percent Moisture		17.9	0.500		wt%	1	3/21/2024 8:44:34 AM				





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

Client:	SoundEarth Strategies, Inc.				Collection	Date	<b>e:</b> 3/19/2024 3:00:00 PM			
Lab ID:	North Substation Property 2403336-046 ample ID: NS-06B-VER02-01		Matrix: Soil							
Analyse	-	Result	RL	Qual	Units	DF	Date Analyzed			
Organochlorine Pesticides by EPA		Method 80	<u>)81A</u>		Batch	n 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	n ID:	R90378 Analyst: SK			
Percent Moisture		16.3	0.500		wt%	1	3/21/2024 8:44:34 AM			

AT AT



Work Order: CLIENT: Project:	2403336 SoundEarth North Substa	•								-	SUMMAI tals by EP		
Sample ID: MB-433	315	SampType	MBLK			Units: mg/Kg		Prep Date	: <b>3/20/20</b> 2	24	RunNo: 903	376	
Client ID: MBLKS	6	Batch ID:	43315					Analysis Date	e: 3/20/202	24	SeqNo: 188	85074	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			ND	0.984									
Sample ID: LCS-43	3315	SampType	LCS			Units: mg/Kg		Prep Date	e: 3/20/202	24	RunNo: 903	376	
Client ID: LCSS		Batch ID:	43315					Analysis Date	e: 3/20/202	24	SeqNo: 188	85075	
Analyte		F	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: 240333	6-001AMS	SampType	MS			Units: mg/Kg-	dry	Prep Date	e: 3/20/202	24	RunNo: 903	376	
Client ID: NS-02-	VER01-01	Batch ID:	43315					Analysis Date	e: 3/20/202	24	SeqNo: 188	35078	
Analyte		F	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: 240333	6-001AMSD	SampType	MSD			Units: mg/Kg-	dry	Prep Date	e: 3/20/202	24	RunNo: 903	376	Ĩ
Client ID: NS-02-	VER01-01	Batch ID:	43315					Analysis Date	e: 3/20/202	24	SeqNo: 188	85079	
Analyte		F	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: CLIENT: Project:	2403336 SoundEarth North Subst							Orgar	nochlori	QC S	SUMMA es by EP#		
Sample ID: MB-43318		SampType: <b>MBLK</b>				Units: <b>mg/Kg</b>		Prep Dat	e: 3/20/20	)24	RunNo: 903	373	
Client ID: MBLKS		Batch ID:	43318					Analysis Dat	e: 3/20/20	)24	SeqNo: 18	34972	
Analyte			Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene			ND	0.0100									
			0.112		0.2000		56.1	43.8	173				
			0.173		0.2000		86.7	36.6	156				
Sample ID: LCS-43318		SampTyp	e: LCS			Units: mg/Kg		Prep Dat	e: <b>3/20/20</b>	)24	RunNo: 90:	373	
Client ID: LCSS		Batch ID: 43318						Analysis Dat	e: <b>3/20/20</b>	)24	SeqNo: 188	34973	
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: <b>MS</b>				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 spil	ke recovery(ies)	observed. A d	uplicate ana	alysis was pe	erformed with s	similar results indicat	ing a pos	sible matrix el	ffect.				
Sample ID: 2403336-026AMSD		SampType: MSD		-	Units: <b>mg/Kg-</b>		dry	Prep Date: 3/20/2024		RunNo: 90373			
Client ID: NS-04	4-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:	-										0		

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


Work Order:2403336CLIENT:SoundEarth	n Strategies, Inc.					Orgon	ooblori				
Project: North Subs	tation Property					Organ	ochion	ne Pesticid	es by EPP	Method	000
Sample ID: MB-43353	SampType: MBLK			Units: mg/Kg		Prep Date	e: <b>3/22/20</b>	24	RunNo: <b>90</b> 4	45	
Client ID: MBLKS	Batch ID: 43353					Analysis Date	e: 3/22/20	24	SeqNo: 188	6403	
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	e: <b>3/22/20</b>	24	RunNo: 904	45	
Client ID: LCSS	Batch ID: 43353					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 188	6404	
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: <b>MS</b>			Units: mg/Kg-	dry	Prep Date	e: <b>3/22/20</b>	24	RunNo: 904	45	
Client ID: BATCH	Batch ID: 43353					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 188	6408	
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	e: <b>3/22/20</b>	24	RunNo: <b>90</b> 4	45	
Client ID: BATCH	Batch ID: 43353					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 188	6409	
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 NOTES:	0.197		0.2164		91.2	43.2	155		0		

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



# Sample Log-In Check List

Client Name:	SES	Work Order Num	per: 2403336	
Logged by:	Morgan Wilson	Date Received:	3/19/2024	4:50:00 PM
Chain of Custo	ody			
	ustody complete?	Yes 🖌	No 🗌	Not Present
••	sample delivered?	Client		
<u>Log In</u>				
	s present on shipping container/cooler? ments for Custody Seals not intact)	Yes	No 🗌	Not Present
4. Was an attem	pt made to cool the samples?	Yes 🖌	No 🗌	
5. Were all items	s received at a temperature of >2°C to 6°C *	Yes 🖌	No 🗌	
6. Sample(s) in p	proper container(s)?	Yes 🖌	No 🗌	
7. Sufficient sam	ple volume for indicated test(s)?	Yes 🖌	No 🗌	
8. Are samples p	properly preserved?	Yes 🗹	No 🗌	
9. Was preserva	tive added to bottles?	Yes	No 🗹	NA 🗌
10. Is there heads	space in the VOA vials?	Yes	No 🗌	NA 🔽
11. Did all sample	es containers arrive in good condition(unbroken)?	Yes 🗹	No 🗌	
12. Does paperwo	ork match bottle labels?	Yes 🖌	No 🗌	
13. Are matrices of	correctly identified on Chain of Custody?	Yes 🖌	No 🗌	
14. Is it clear what	t analyses were requested?	Yes 🗹	No 🗌	
15. Were all hold be met?	times (except field parameters, pH e.g.) able to	Yes 🗹	No 🗌	
Special Handl	<u>ling (if applicable)</u>			
16. Was client no	otified of all discrepancies with this order?	Yes	No 🗌	NA 🔽
Person	Notified: Date	e:		
By Who	om: Via:	eMail 🗌 Pr	none 🗌 Fax	In Person
Regard	ing:			
Client Ir	nstructions:			
17. Additional re	marks:			

### Item Information

Item #	Temp ⁰C
Sample	6.0

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

Page 1	COM	www.fremontanalytical.com	www.frem				OC 1.3 - 11.06.20
ime Date/Time	Print Name	Received (Signature) x	Ime	Date/1			
Name Datestime 3/19/65	Bunt Name	x A A	03/19/24/1650	Date/	rennan Bahe	Print Name	BELINVAL AD
A	red above, that I have veri	half of the Client nan	nont Analytical on bel	ement.	of this Agreen	d backside	to each of the terms on the front and backside of this Agreement with Fremont Analytical on behalf of the Client named above, reliance the terms on the front and backside of this Agreement.
		de Nitrate+Nitrite	O-Phosphate Fluoride	Bromide	Sulfate	Chloride	Trenresent that Tem outbourd to
Sr Sn	Mg Mn Mo Na Ni PB Sb Se	Co Cr Cu Fe Hg K	Al As B Ba Be Ca Cd	Individual: Ag Al As B Ba	nts TAL	Priority Pollutants	MTCA-5 RCRA-8
<	W = Ground Water, SW = Storm Water,	W = Water, DW = Drinking Water, GW = Ground		P = Product, S = Soil, SD = Sediment, SL = Solid,	product, S = S	O = Othet, P = F	ous, B = Bulk,
Hold					1122		10 NS-02-VER02-03
Hold					1120		115-02-VER02-2.5
el el					1119		N5-02-VER02-02
tiol of					lilig		N5-02 - VER02-1.5
	×	×			1114		M5-02-VER02-01
4010				-	0848	-	115-02-VEROI-03
Hold					3646	-	1115-02-VEROI-2.5
Hold					5480		115-02-VEROI-02
Hold					0843		1/5-02-VER01-1.5
withitity			_	So:1 1	0642	03/19/24	NS-02-VEROI-01
Community			ACC CONTRACTOR	Sample Type # of (Matrix)* Cont.	Sample	Sample	Sample Name
		Indearthinc.com	PM Email: ctochilin@soundearthinc.com	PME			Fax: 206-306-1907
Sample Disposal:  Return to client XDisposal by lab (after 30 days)	Sa	ochilin	Report To (PM): Clare Tochilin	Repo			Telephone: 206-306-1900
	, WA	nue NE, Seattle	tocation: 7500 8th Avenue NE, Seattle, WA	Loca		4	city, state, Zip: Seattle, WA 98134
-SCL Project Manager: Jen Kindred		monort	collected by: Bremmone	Colle	212	ay, Suite	Address: 1011 SW Klickitat Way, Suite 212
scl_apinvoice@seattle.gov -Include PRN# (TRD)	-1		Project No: 1267-004	Proje	7	s, Inc./SC	dient: SoundEarth Strategies, Inc./SCL
Special Remarks:		station Property	Project Name: North Substation Property		1 0V: FAD-237-1710	(MUL	Anayuca
	1 of: 5 10	Page:	Date: 03/19/24		Tel: 206-352-3790		
Laboratory Services Agreement	100	Chain of Custody Record &	Chain of C	Ave N.	3600 Fremont Ave N. Seattle WA 98103	- 36	TORONO.

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	3600 Fremont Ave N.	Chain of Cus	Chain of Cusudy Record &	Laboratory Services Agreement
FIGHIO		Date: 1314124	Page: 2 of:	5 Laboratory Project No (Internal): 2403336
-11- Analytical	Fax: 206-352-7178	Project Name: North Substation Property	1000	Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	Inc./SCL	Project No: 1267-004		scl_apinvoice@seattle.gov -Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212	collected by: Brewnendon	nomto	-SCL Project Manager: Jen Kindred
city, state, zip: Seattle, WA 98134		Location: 7500 8th Avenue NE, Seattle, WA	NE, Seattle, WA	
Telephone: 206-306-1900		Report To (PM): Clare Tochilin	lin	Sample Disposal:  Return to client XDisposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	arthinc.com	
Sample Name	Sample Sample Type Date Time (Matrix)*	# of LST CIES COL		Comments
VEROI-DI				
2 NS-03- VEA01-1.5	1 1150 1			Hald
3 NG-03-VERDI-02	(152			Hold
4 NS-03-UER01-2.5	1154			Hold
5 NS-03-VERDI-03	1156			Hala
. NS-03-VERUZ-01	1208			X
, NS-03-VER02-1.5	1210			Hold
. NS-03-VER02-02	1212			Hadd
, NS-03-VER02-2.5	1214			Hold
10 NS-03-VER02-03	1 1216 1			Hald
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil SD = Sediment, SL = Solid,	= Other, P = Product, S = Soil SI		W = Water, DW = Drinking Water, GW = Ground Wa	Water, SW = Storm Water, WW = Waste Water Turn-around Time:
**Metals (Circle): MTCA-5 RCRA-8 I	Priority Pollutants TAL Indi	Individual: Ag Al As B Ba Be Ca Cd Co	Cr Cu Fe Hg K Mg Mn Mo Na	Z
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate Bro	Bromide O-Phosphate Fluoride	Nitrate+Nitrite	3 Dav Same Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	enter into this Agreement v d backside of this Agreeme	ith Fremont Analytical on behalf ıt.	of the Client named above, th	1
Relingwished (Signature)	Print Name Bronnan Booke	Date/Time OSII9/24/1650	Received (Signature)	Print Name Ballard 3/19 165
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		www.fremon	www.fremontanalvtical.com	

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Name Date/Time	Received (Signature) Print Name	Date/Time		Print Name	x venudnisued (siRuatrite)
Mare March Date/Time 3/19/653	x MM Bin GM	- 03/19/24/1650	an Boohe	Brennan	x By Man Both
verified Client's agreement	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.	1 Fremont Analytical on be	s Agreement with this Agreement.	enter into thi id backside of	I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.
כ	ride Nitrate+Nitrite	de O-Phosphate Fluoride	Sulfate Bromide	Chloride	***Anions (Circle): Nitrate Nitrite
Se Sr Sn Ti TI V Zn	Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb	rat: Ag Al As B Ba Be Ca Cd	s TAL Individual:	Priority Pollutants	**Metals (Circle): MTCA-5 RCRA-8
SW = Storm Water, WW = Waste Water Turn-ground Time:	DW = Drinking Water, GW = Ground Water,	Sediment, SL = Solid, W = Water,	O = Other, P = Product, S = Soil, SD = Sediment,	) = Other, P = Prc	•Matrix: A = Air, AQ = Aqueous, B = Bulk, C
Haba			1356	f	10N5-04-VER01-03
Hala			1364		· 115-04-VER01-2.5
Hald			1352		· NS-04-NERON-02
Hold			1350		- NS-04-VEROI-1.5
	X		1349		· NS-04-VER01-01
6/01			1342		5 NS-03-VER03-03
Hold			1340		4 NS-03-VER03-2.5
Hald			338		3 NS-03-VER03-02
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			-	03/19/24	1NS-03-VER03-01
Comments		# of UC Cont.	Sample Type (Matrix)*	Sample Date	Sample Name
	undearthinc.com	18			Fax: 206-306-1907
Sample Disposal: 🗋 Return to client 🛛 Disposal by lab (after 30 days)	Tochilin	Report To (PM): Clare To			Telephone: 206-306-1900
	Location: 7500 8th Avenue NE, Seattle, WA	Location: 7500 8th Ave		4	city, state, Zip: Seattle, WA 98134
-SCL Project Manager: Jen Kindred	Soto	Collected by: Bellum	12	ay, Suite 2	Address: 1011 SW Klickitat Way, Suite 212
-Include PRN# (TBD)		Project No: 1267-004		, Inc./SCL	client: SoundEarth Strategies, Inc./SCL
Special Remarks: Direct Bill to Seattle City Light		Project Name: North Substation Property	rax: 206-352-7178		Analysical
Laboratory Project No (Internal): 2403336	Page: 3 of: 5	Date:03/19/24	Tel: 206-352-3790	-	FIGHIOID
aboratory Services Agreement	Chain of Cusiody Record & Labor	Chain of C	3600 Fremont Ave N.	- ω	
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	3600 Frem	3600 Fremont Ave N. Seattle. WA 98103	Chain of Cusiody Record & Laboratory Services	ces Agreement
<b>LIGIIO</b>			Date: 03/19/24 Page: 4 of: 5 Laboratory Project No (Internal):	
Analytical		FaX: 200-352-/1/8	th Substation Pr	Sitv Liaht
client: SoundEarth Strategies, Inc./SCL	, Inc./SCL			e.gov
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212		appellion	r: Jen Kindred
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	n to client XDisposal by lab (after 30 days)
Fax: 206-306-1907			thinc.co	
Sample Name	Sample Sample Date Time	Sample Type (Matrix)*	# of	Commont
1 NS-04-VER02-01	1 12			Comments
2 NS-04-VER02-1.5	1 1422	-	the Helt	
3 NS-04-VER02-02	1424	24	Helt	
· NS-04-VER02-2.5	1426	6	e/e/t	
5 NS-04-VER02-03	1426	36	Halo Halo	
· NS-04-VER03-01	1432	52	X	
2 NS-04-VER03-1.5	1434	H.	Hold	
· NS-04-VER03-02	1436	6	HALA	
· NS-04-VER03-2.5	1438	8	(c) (c)	
10 NS-04-VER03- 03	CHHI HHO		1 Hala	
IQ = Aqueous, B = Bulk, (	O = Other, P = Product,	Sol	SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water,	Vater Turn-around Time:
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	fate Bromide	de O-Bhochate Elucido Nitesta Nitesta	Standard Next Day
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	enter into this Ag d backside of this	reement with Agreement.	ical on behalf of	
Relinqueted (Signature)	Point Name	0 -	Date/Time Received (Signature) Print Name A	Date/Time
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Comon-	- 20	Chain of Custody Record & Labo	Laboratory Services Agreement
	-	of:	
Analysical	Fax: 200-352-/11/8	h Substation Property	Special Remarks: Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	c./SCL	Project No: 1267-004	-Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	Suite 212	collected by: Ballmon Book	-SCL Project Manager: Jen Kindred
city, state, Zip: Seattle, WA 98134		Location: 7500 8th Avenue NE, Seattle, WA	
Telephone: 206-306-1900			Sample Disposal:  Return to client X Disposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	
Sample Name Sa	Sample Sample Type Date Time (Matrix)*	# of	
1/15-06B-VERDI-01 03	0		Comments
2 NS-06B-VER01-15	1 1452 1		Hall
3 NS-06B-VER31-02	1484		Halo
4 15-06B-VEROI-2.5	1456		123
5 NS-068-VERON-03	1458		Hong -
· NS-068-VER02-01	1500	7	
· NS-1268-VER02-15	1502		Hald
· N5-068-VER02-02	1504		I and
· NS-0613-VER02-2.5	1506		H. S. C. H.
10 NS-06B-VER02-03	1 1508 1		Hala
ous, B = Bulk, (		SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = St	SW = Storm Water, WW = Waste Water Turn-around Time:
MTCA-S RCRA-8	tants	uai: 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 Ti V Zn
	Chloride Sulfate Bromide	ide O-Phosphate Fluoride Nitrate+Nitrite	3 Dav Same Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	r into this Agreement wi ckside of this Agreement	I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have v to each of the terms on the front and backside of this Agreement.	that I have verified Client's agreement
Bookg	Stennan Book	03/19/14/1650 × CMM Aria	print Name Date/Time 3/19/14
X Vilia Vili	Print Name	Received (Signature)	Print Name Date/Time
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Date/Time	Print Name	Print	x						×
Date/Time 3/19/65	Mang Rella	B		03/19/24/1650	Date/	BrennanBohe	Print Name	* Bellinguished (Signature)	× 15 K
D 2 Day	verified Client's agreem	l above, that I have	alf of the Client name	Analytical on beha	nent.	of this Agreen	nd backside	to each of the terms on the front and backside of 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.	to eacl
3 Dav Same Dav			Nitrate+Nitrite	O-Phosphate Fluoride	Bromide O-Ph	Sulfate	Chloride	(Circle): Nitrate Nitrite	Irone
Standard      Next Day	o Se Sr Sn Ti TI V Zn	Mn Mo Na Ni PB Sb Se	Cr Cu Fe Hg K Mg	vs B Ba Be Ca Cd Co	Ag	TAL	Priority Pollutants	MILA-S RC	***Anione (Circle):
ater Turn-around Time:	Water, 1	GW = Ground Water, SW = S	W = Water, DW = Drinking Water, GW	SL = Solid, W = Water, I	P = Product, S = Soil, SD = Sediment, SL	roduct. S = Soil	0 = Other, P = F	VQ = Aqueous, B = Bulk,	Matrix:
	Hold					1122		-VER02-03	10 NS-02
140	Hold					1120	-	- VEROZ	-5116
	Hold					1114		02-1	-GN 8
	Hold					111G		12 - VER02-1.5	-C(V -
		X	×			H114	F	.NS-02-VEN02-01	6 M5-
	Hold					0848	-	NS-02-VEROI-03	5115-
	Hold					0846		NS-02-VEROI-2.5	4 115 -
	Hold					SH80		N5-02-VEROI-02	312
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Comments			24 (27 ) 28 O (2)		Sample Type # of (Matrix)* Cont.	Sample Time (N	Sample	Name	Sample Name
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			ndearthinc.com	PM Email: ctochilin@soundearthinc.com	PM Email:			206-306-1907	Fax: 20
to client XDisposal by lab (after 30 days)	Sample Disposal: Return to client		shilin	Report To (PM); Clare Tochilin	Report To (			<sub>206-306-1900</sub>	Telephone:
		NA	Location: 7500 8th Avenue NE, Seattle, WA	7500 8th Aver	Location:		34	city, state, Zip: Seattle, WA 98134	City, State
r: Jen Kindred	-SCL Project Manager: Jen Kindred		molenan	"Brennong	Collected by:	212	ay, Suite 212	1011 SW Klickitat Way,	Address:
3.gov	-Include PRN# (TBD)			Project No: 1267-004	Project No:	F	s, Inc./SC	SoundEarth Strategies, Inc./SCL	Client: C
iv I inht	Special Remarks: Direct Bill to Seattle City Linht	Ň	Project Name: North Substation Property	me: North Subs			TOTAL .		1
	Laboratory Project No (internal);	of: 5	Page: ]	Date: 03/19/24		Tel: 206-352-3790 Fax: 206-352-7178			
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	3600 Fremont Ave N.		Chain of Cusudy Record & I	Laboratory Services Agreement
<b>LIGHIO</b>	-	103 Date://3/14/24	Page: 2 of:	S Laboratory Project No (Internal): 2403336
Analytical	Fax: 206-352-7178		10000	Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	Inc./SCL	Project No: 1267-004		scl_apinvoice@seattle.gov -Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212	collected by: Bywwww.	water	-SCL Project Manager: Jen Kindred
city, state, zip: Seattle, WA 98134			ie NE, Seattle, WA	
Telephone: 206-306-1900		Report To (PM): Clare Tochilin	llin	Sample Disposal: D Return to client X Disposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	learthinc.com	
Sample Name	Sample Sample ()	Sample # of		Comments
115-103-VERDI-01				
2 NS-03-VER01-1.5	1 1150			Hold
3 NS-03- UEROI-02	(152			Hold
1N5-03-UER01-2.5	1154			Hold
· NS-03-VERDI-03	1156			Hala
. NS-03-VERUZ-01	1208			X
, NS-03-VER02-1.5	1210			Hold
. N5-03-VER02-02	1212			Hald
, NS-03-VER02-2.5	1214			Hold
10 NS-03-VER02-03	1 1216			Hald Hald
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil SD = Sediment, SL = Solid,	= Other, P = Product, S = Soi	SD = Sediment, SL = Solid, W = Water, [	W = Water, DW = Drinking Water, GW = Ground Wa	-
**Metals (Circle): MTCA-5 RCRA-8 I	Priority Pollutants TAL	Individual: Ag Al As B Ba Be Ca Cd Co	o Cr Cu Fe Hg K Mg Mn Mo Na	NIPB Sb Se Sr Sn TI TI V Zn Standard Next Day
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	Bromide O-Phosphate Fluoride	Nitrate+Nitrite	ame Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement	enter into this Agreeme d backside of this Agree	nt with Fremont Analytical on beha ment.	lf of the Client named above, th	1
Relinguished (Signature)	Print Name Brownian Booke	her 03/19/24/1650	Received (Signature)	FIN NAME BALLARD DATE/TIME DATE/TIME DATE/TIME DATE/19 1657
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Brencian Boohe	ter into this Agreement with backside of this Agreement.	Chloride Sulfate Bromide	Priority Pollutants TAL Individual:	O = Other, P = Product, S = Soil, SD = Sediment,	1356	1354	1352	1350	1349	1342	1340	1336	1336 1	03/19/24/1334 50:1	Sample Sample Type Date Time (Matrix)*	-			Suite 212	nc./SCL	rax: 200-332-11/6		3600 Fremont Ave N.
1/24/1658 × 22 20 20 By Received (Signature)	h Fremont Analytical on behalf of the Client named above, that I ha	ide O-Phosphate Fluoride Nitrate+Nitrite	I As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni	SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water,					X				×		* Cont. 405 57 50 50 50 50 50 50 50 50 50 50 50 50 50	thinc.co	Report To (PM): Clare Tochilin	Location: 7500 8th Avenue NE, Seattle, WA	collected by: Breffurn Broth	Project No: 1267-004	Project Name: North Substation Property	Date 03/19/24 Page: 3 of 5	Chain of Custody Record & Labo
Print Name Date/Time Date/Time				SW = Storm Water, WW = Waste Water Turn-ground Time:	Hab	Halo	Hall	Hald		Hala	6/cH	11.1.1	444		Gits		Sample Disposal:  Return to client XDisposal by lab (after 30 days)		-SCL Project Manager: Jen Kindred X = run per CT, ASAP TAT, 3/21/24 -cg	scl_apinvoice@seattle.gov -Include PRN# (TBD)	Special Remarks: Direct Bill to Seattle City Light	Laboratory Project No (internal): 2403336	aboratory Services Agreement

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		Date: 03/14/24 Page: 4 of: 5 Laboratory Project No (Internal):
Anayuca	Fax: 200-352-/11/8	Project Name: North Substation Pr
client: SoundEarth Strategies, Inc./SCL	nc./SCL	
Address: 1011 SW Klickitat Way, Suite 212	Suite 212	appellion
city, state, Zip: Seattle, WA 98134		0
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
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	-	cont. 1 5 6 6 4 4 4 6 4 4 4 4
115-04-VER02-01 03	03/19/24 14/26 So:	
2 NS-04-VER02-1.5	1422 1	Hala Hala
3 NS-04-VER02-02	1424	Held
· N5-04-VER02-2.5	1426	that a
5 NS-04-VER02-03	1428	Ha/a
· NS-04-VER03-01	1432	X
2 NS-04-VER03-1.5	1434	Hald
· N5-04-VER03-02	1436	
· NS-04-VER03-2.5	1438	
10 NS-04-VER03- 03	1 HHO	Hala
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other,	P = Product, S = Soi	SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
: Nitrate Nitrite	Chloride Culfate Bro	Bronide Objection Financia Manager Minimum Minimum Minimum Minimum So se si sin il il V Zn Ustaniuaru UNEXLUAY
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	ter into this Agreement w ackside of this Agreemen	h Fremont Analytical o
both 1	Srennan Bosha	Date/Time Date/Time Print Name Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time
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Analysical	Fax: 200-352-/11/8	h Substation Property	Special Remarks: Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	c./SCL	Project No: 1267-004	-Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	Suite 212	collected by: Ballmon Book	-SCL Project Manager: Jen Kindred
city, state, Zip: Seattle, WA 98134		Location: 7500 8th Avenue NE, Seattle, WA	
Telephone: 206-306-1900			Sample Disposal:  Return to client X Disposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	
Sample Name Sa	Sample Sample Type Date Time (Matrix)*	# of	
1/15-06B-VERDI-01 03	0		Comments
2 NS-06B-VERO1-15	1 1452 1		Hall
3 NS-06B-VER31-02	1484		Halo
4 15-06B-VEROI-2.5	1456		123
5 NS-068-VERON-03	1458		Hong -
· NS-068-VER02-01	1500	7	
· NS-1268-VER02-15	1502		Hald
· N5-068-VER02-02	1504		I a
· NS-0613-VER02-2.5	1506		H. S. C. H.
10 NS-06B-VER02-03	1 1508 1		Hala
ous, B = Bulk, (		SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = St	SW = Storm Water, WW = Waste Water Turn-around Time:
MTCA-S RCRA-8	tants	uai: 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 Ti V Zn
	Chloride Sulfate Bromide	ide O-Phosphate Fluoride Nitrate+Nitrite	3 Dav Same Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	r into this Agreement wi ckside of this Agreement	I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have v to each of the terms on the front and backside of this Agreement.	that I have verified Client's agreement
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na Palla	PUN A	Received (Signature)	03/19/24/1650	Date/Time	Prennan Boohe	Brev Print Name	and	* Breumwald
A	l above, that I have ver	half of the Client named	mont Analytical on beh	eement.	of this Agreem	d backside o	is on the front an	to each of the terms on the front and backside of this Agreement with the front and backside of this Agreement.
3 Day Same Day		le Nitrate+Nitrite	O-Phosphate Fluoride	Bromide	Sulfate	Chioride	I am authorized to	I represent that I
Se Sr Sn Ti Ti V Zn	Mg Mn Mo Na Ni PB Sb St	Cr Cu Fe Hg K	3 Al As B Ba Be Ca Cd Co	Individual: Ag		Priority Pollutants	RCKA-8	13
SW = Storm Water, WW = Waste Water Turn-around Time:	GW = Ground Water, SW = Stor	W = Water, DW = Drinking Water, GW		O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid,	roduct. S = S	= Other, P = P	ous, B = Bulk,	Matrix: A = Air, AQ = Aqueous, B = Bulk,
Hold					1122			10 NS-02-VER02-03
Held					1120	-	2-VER02-2.5	. 115-02-VE
Hold					1119		R02-02	0-03
Hald					111G		102-1.5	-115-02 - VER02-1.5
	×	×			114	-	02-01	.NS-02-VER02-01
Hold					0848	-	01-03	= NS-02-VEROI-03
Hold					3646		01-2.5	+ NS-02-VEROI-2.5
Hold					2480		101-02	3 NS-02-VER01-02
Hold					CHSC		101-1.5	NS-02-VER01-1.5
				So:1 1	0842	03/19/24	31-01	NS-02-VEROI-01
Commente			LOS GRADEN	Sample Type # of (Matrix)* Cont.	Sample	Sample Date		Sample Name
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							7	Fax: 206-306-1907
Sample Disposal: Return to client X Disposal by lab (after 30 days)	S	chilin	Report To (PM): Clare Tochilin	Rep			6-1900	Telephone: 206-306-1900
	NA	Location: 7500 8th Avenue NE, Seattle, WA	tion: 7500 8th Ave	Loc		4	tle, WA 98134	city, state, Zip: Seattle, WA 98134
-SCL Project Manager: Jen Kindred		Mannan	Collected by: Byon	Coll	212	ty, Suite	V Klickitat Wa	Address: 1011 SW Klickitat Way, Suite 212
sc_apinvoice@seattle.gov -include PRN# (TBD)	1.00		Project No: 1267-004	Pro		, Inc./SC	SoundEarth Strategies, Inc./SCL	<sub>client:</sub> SoundEar
Special Remarks: Direct Bill to Seattle City Light		station Property	Project Name: North Substation Property				- Antinyation	
	of: 5	Page: ]	Date: 03/19/24		Tel: 206-352-3790		GIICI	
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<b>LIGHIO</b>	-	103 Date://3/14/24	Page: 2 of:	S Laboratory Project No (Internal): 2403336
Analytical	Fax: 206-352-7178		10000	Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	Inc./SCL	Project No: 1267-004		scl_apinvoice@seattle.gov -Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212	collected by: Bywwww.	water	-SCL Project Manager: Jen Kindred
city, state, zip: Seattle, WA 98134			ie NE, Seattle, WA	
Telephone: 206-306-1900		Report To (PM): Clare Tochilin	llin	Sample Disposal: D Return to client X Disposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	learthinc.com	
Sample Name	Sample Sample ()	Sample # of		Comments
115-103-VERDI-01				
2 NS-03-VER01-1.5	1 1150			Hold
3 NS-03- UEROI-02	(152			Hold
1N5-03-UER01-2.5	1154			Hold
· NS-03-VERDI-03	1156			Hala
. NS-03-VERUZ-01	1208			X
, NS-03-VER02-1.5	1210			Hold
. N5-03-VER02-02	1212			Hald
, NS-03-VER02-2.5	1214			Hold
10 NS-03-VER02-03	1 1216			Hald Hald
*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil SD = Sediment, SL = Solid,	= Other, P = Product, S = Soi	SD = Sediment, SL = Solid, W = Water, [	W = Water, DW = Drinking Water, GW = Ground Wa	-
**Metals (Circle): MTCA-5 RCRA-8 I	Priority Pollutants TAL	Individual: Ag Al As B Ba Be Ca Cd Co	o Cr Cu Fe Hg K Mg Mn Mo Na	NIPB Sb Se Sr Sn TI TI V Zn Standard Next Day
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	Bromide O-Phosphate Fluoride	Nitrate+Nitrite	ame Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement	enter into this Agreeme d backside of this Agree	nt with Fremont Analytical on beha ment.	lf of the Client named above, th	1
Relinguished (Signature)	Print Name Brownian Booke	her 03/19/24/1650	Received (Signature)	FIN NAME BALLARD DATE/TIME DATE/TIME DATE/TIME DATE/19 1657
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x Branna Borthow , Relinquished (Signature) x	I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement. Relinguished (Signature)	***Anions (Circle): Nitrate Nitrite	MTCA-5 RCRA-8	Bulk,	10N5-04-VER01-03	· N5-04-VER01-2.5	* N5-124-VER01-02	2 NS-04-VEROI-1.5	· NS-04-VER01-01	5 NS-03-VEA03-03	4 NS-03-VER03-2.5	3 NS-03-VER03-02	2 NS-03-VER03-1.5	1NS-03-VER03-01 0	Sample Name	Fax: 206-306-1907	Telephone: 206-306-1900	city, state, zip: Seattle, WA 98134	Address: 1011 SW Klickitat Way, Suite 212	client: SoundEarth Strategies, Inc./SCL	Anaryanan	<b>LIGHOU</b>	
Brengan Beache	nter into this Agreement wit backside of this Agreement	Chloride Sulfate Bromide	Priority Pollutants TAL Individual:	O = Other, P = Product, S = Soil, SD = Sediment,	1 1356 1	1354	1352	1350	1349	1342	1340	1336	1336 1	03/19/24/1334 50:1	Sample Sample Type Date Time (Matrix)*				, Suite 212	Inc./SCL	11 Fax: 200-332-11/8	-	3600 Fremont Ave N.
Date/Time + 1658 × 20 20 Bignature) Print Name	h Fremont Analytical on behalf of the Client named above, that I ha	nide O.Phosphate Fluoride Nitrate+Nitrite	I As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni	= Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water,					X				×		E # of	thinc.co	Report To (PM): Clare Tochilin	Location: 7500 8th Avenue NE, Seattle, WA	unbot	Project No: 1267-004	North Substation Property	Date:03/19/241 Page: 3 of: 5 Lobo	Chain of Cusiody Record & Laboratory
e Date/Time 3/19/653				- 1	Hab	Hald	Held	Hold		6/04	Hald	Hold	444		Comments		Sample Disposal:  Return to client Disposal by lab (after 30 days)		-SCL Project Manager: Jen Kindred X = run per CT, ASAP TAT, 3/21/24 -cg	scl_apinvoice@seattle.gov -Include PRN# (TBD)	Special Remarks: Direct Bill to Seattle City Light	Laboratory Project No (Internal): 2403336	ory Services Agreement

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Re Fromor	3600 Fremont Ave N. Seattle. WA 98103	Chain of Cusudy Record & Laboratory Services	ervices Agreement
I IGIIU		790 Date: 03/14/24 Page: 4 of: 5 Laboratory Project No (Internal):	t No (internal): 2403336
Analynea	Fax: 200-352-/11/8	Project Name: North Substation Property	Special Remarks: Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	Inc./SCL	Project No: 1267-004 scl_apinvoice@seattle.gov -Include PRN# (TBD)	Øseattle.gov (TBD)
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212	appellion	-SCL Project Manager: Jen Kindred
city, state, Zip: Seattle, WA 98134		NE, Seattle, WA	x = run per C1, Next Day TA1, 3/21/24 -cg
Telephone: 206-306-1900		Report To (PM): Clare Tochilin Sample Disposal: Return to client	Return to client XDisposal by lab (after 30 days)
Fax: 206-306-1907		thinc.co	
Sample Name	Sample Sample Sample (N Date Time (N	Al of and the state of the stat	Commonte
1 NS-04-VER02-01	03/19/24 14/28 5		
2 NS-04-VER02-1.5	1422		e//e
3 NS-04-VER02-02	1424	T	6/0
" NS-04-VER02-2.5	1426	Hala	0
5 NS-04-VER02-03	1428		
· NS-04-VER03-01	1432	X	
- NS-04-VER03-1.5	1434		
8 NS-04-VER03-02	1436		Ala
· N5-04-VER03-2.5	1438		
10 NS-04-VER03- 03	1 HHO	Hon Hon	e/
<i>*</i> ,	duct, S = Soi	SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water,	WW = Waste Water Turn-ground Time:
: Nitrate Nitrite	Chloride Sulfate	Bromide Obboobbate Elucide Minerae	
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	enter into this Agreemen d backside of this Agreer	h Fremont Analytical	3 Day
x Bu in the hold	1	Date/Time Print Name Received (Signature) Print Name	Date/Time 7 1 1 1
Relinquished (Signature) x	Print Name		Date/Time 2/14/18

			)
Comon-	- 20	Chain of Custody Record & Labo	Laboratory Services Agreement
	-	of:	
Analysical	Fax: 200-352-/11/8	h Substation Property	Special Remarks: Direct Bill to Seattle City Light
client: SoundEarth Strategies, Inc./SCL	c./SCL	Project No: 1267-004	-Include PRN# (TBD)
Address: 1011 SW Klickitat Way, Suite 212	Suite 212	collected by: Ballmon Book	-SCL Project Manager: Jen Kindred
city, state, Zip: Seattle, WA 98134		Location: 7500 8th Avenue NE, Seattle, WA	
Telephone: 206-306-1900			Sample Disposal:  Return to client X Disposal by lab (after 30 days)
Fax: 206-306-1907		PM Email: ctochilin@soundearthinc.com	
Sample Name Sa	Sample Sample Type Date Time (Matrix)*	# of	
1/15-06B-VERDI-01 03	0		Comments
2 NS-06B-VERO1-15	1 1452 1		Hall
3 NS-06B-VER31-02	1484		Halo
4 15-06B-VEROI-2.5	1456		123
5 NS-068-VEROL-03	1458		Hong -
· NS-068-VER02-01	1500	7	
· NS-1268-VER02-15	1502		Hald
· N5-068-VER02-02	1504		I and a second
· NS-0613-VER02-2.5	1506		H. S. C. H.
10 NS-06B-VER02-03	1 1508 1		Hala
ous, B = Bulk, (		SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = St	SW = Storm Water, WW = Waste Water Turn-around Time:
MTCA-S RCRA-8	tants	uai: 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 Ti V Zn
	Chloride Sulfate Bromide	ide O-Phosphate Fluoride Nitrate+Nitrite	3 Dav Same Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	r into this Agreement wi ckside of this Agreement	I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have v to each of the terms on the front and backside of this Agreement.	that I have verified Client's agreement
Bookg	Stennan Book	03/19/14/1650 × CMM Aria	print Name Date/Time 3/19/14
X Vilia vormednosen folgratin z)	Print Name	Received (Signature)	Print Name Date/Time
COC 1 3 - 11 06 20		www fremontanalytical com	



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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original



### Work Order Sample Summary SoundEarth Strategies, Inc. CLIENT: Project: North Substation Property Work Order: 2403394 **Date/Time Collected Date/Time Received** Lab Sample ID **Client Sample ID** 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 NS-05-VER02-02 03/21/2024 1:48 PM 03/21/2024 3:35 PM 2403394-006 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 03/21/2024 1:54 PM 2403394-009 NS-05-VER02-3.5 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 03/21/2024 3:35 PM NS-05-VER03-2.5 03/21/2024 1:34 PM 2403394-012 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 NS-05-VER03-04 03/21/2024 1:40 PM 03/21/2024 3:35 PM 2403394-015 NS-05-VER04-02 03/21/2024 1:16 PM 03/21/2024 3:35 PM 2403394-016 2403394-017 NS-05-VER04-2.5 03/21/2024 1:18 PM 03/21/2024 3:35 PM 2403394-018 03/21/2024 1:20 PM 03/21/2024 3:35 PM NS-05-VER04-03 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 03/21/2024 3:35 PM 2403394-021 NS-05-VER05-02 03/21/2024 1:00 PM 2403394-022 NS-05-VER05-2.5 03/21/2024 1:02 PM 03/21/2024 3:35 PM 03/21/2024 1:04 PM 03/21/2024 3:35 PM 2403394-023 NS-05-VER05-03 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 03/21/2024 12:48 PM 03/21/2024 3:35 PM 2403394-027 NS-05-VER06-2.5 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



**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 & Acronyms**



 WO#:
 2403394

 Date Reported:
 3/22/2024

# 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 Recoverv **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



Work Order:	2403394
Date Reported:	3/22/2024

# CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403394-001 Client Sample ID: NS-05-VER01-02	2		Collection Matrix: So		te: 3/21/2024 2:04:00 PM
Analyses	Result	RL Qual	Units	D	F Date Analyzed
Organochlorine Pesticides by EPA	Method 80	<u>)81A</u>	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
---------------------

Client Sample ID: NS-05-VER02-02

Collection Date: 3/21/2024 1:48:00 PM Matrix: Soil

Analyses	Result	RL Qua	l Units	DI	F Date Analyzed
Organochlorine Pesticides by EPA	Method 8	<u>081A</u>	Batch I	D:	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 I	D:	43348 Analyst: ME
Lead	2.05	1.21	mg/Kg-dry	1	3/22/2024 4:00:00 PM
Sample Moisture (Percent Moisture	<u>e)</u>		Batch I	D:	R90424 Analyst: DI
Percent Moisture	11.5	0.500	wt%	1	3/22/2024 10:13:52 AM



Work Order:	2403394
Date Reported:	3/22/2024

# CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403394-011 Client Sample ID: NS-05-VER03-02	2		Collection I Matrix: Soi		: 3/21/2024 1:32:00 PM
Analyses	Result	RL Qua	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 80	<u>)81A</u>	Batch I	D: 4	3353 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 I	D: 4	3348 Analyst: ME
Lead	6.18	1.22	mg/Kg-dry	1	3/22/2024 4:02:00 PM
Sample Moisture (Percent Moisture	)		Batch I	D: R	890424 Analyst: DI
Percent Moisture	15.3	0.500	wt%	1	3/22/2024 10:13:52 AM

Lab ID:	2403394-	016
Client Sa	ample ID:	NS-05-VER04-02

Collection Date: 3/21/2024 1:16:00 PM Matrix: Soil

Analyses	Result	RL Qual	Units	D	F Date Analyzed
Organochlorine Pesticides by EPA	Method 80	<u>081A</u>	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



Work Order:	2403394
Date Reported:	3/22/2024

# CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403394-021 Client Sample ID: NS-05-VER05-02	2			Collection Date: 3/21/2024 1:00:00 Pl Matrix: Soil			
Analyses	Result	RL Qual	Units	D	F Date Analyzed		
Organochlorine Pesticides by EPA	Method 80	<u>081A</u>	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		

Client Sample ID: NS-05-VER06-02

Collection Date: 3/21/2024 12:46:00 PM Matrix: Soil

Analyses	Result	RL C	Qual	Units	D	F Date	e Analyzed
Organochlorine Pesticides by EP	A Method 80	<u>)81A</u>		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	<u>)</u>			Batch	ID:	43348	Analyst: ME
Lead	12.4	1.25		mg/Kg-dry	1	3/22	/2024 4:09:00 PM
Sample Moisture (Percent Moistu	<u>ıre)</u>			Batch	ID:	R90424	Analyst: DI
Percent Moisture	24.0	0.500		wt%	1	3/22	/2024 10:13:52 AM



Work Order: CLIENT: Project:	2403394 SoundEarth S North Substa	•									SUMMAI tals by EF		
Sample ID: MB-43		SampType	-			Units: mg/Kg		Prep Date	: 3/22/202	24	RunNo: 904	448	
Client ID: MBLK	6	Batch ID:	43348					Analysis Date	: 3/22/202	24	SeqNo: 18	86575	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit I	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			ND	0.984									
Sample ID: LCS-4:	3348	SampType	LCS			Units: mg/Kg		Prep Date	3/22/202	24	RunNo: 904	448	
Client ID: LCSS		Batch ID:	43348					Analysis Date	: 3/22/202	24	SeqNo: 18	86576	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit I	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			22.1	1.06	21.19	0	104	80	120				
Sample ID: 240335	9-001AMS	SampType	MS			Units: mg/Kg-	dry	Prep Date	3/22/202	24	RunNo: 904	448	
Client ID: BATCH	I	Batch ID:	43348					Analysis Date	: 3/22/202	24	SeqNo: 18	86579	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit I	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			46.5	1.92	38.46	7.963	100	75	125				
Sample ID: 240335	9-001AMSD	SampType	MSD			Units: mg/Kg-	dry	Prep Date	: 3/22/202	24	RunNo: 904	448	
Client ID: BATCH	I	Batch ID:	43348					Analysis Date	3/22/202	24	SeqNo: 18	86580	
Analyte		F	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit I	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: SoundEau	rth Strategies, Inc.							QC S	SUMMAI	RY REF	POR
	ostation Property					Organ	ochlorii	ne Pesticid	es by EPA	Method	8081
Sample ID: MB-43353	SampType: MBLK			Units: mg/Kg		Prep Date	: 3/22/20	24	RunNo: <b>90</b> 4	145	
Client ID: MBLKS	Batch ID: 43353					Analysis Date	3/22/20	24	SeqNo: 188	36403	
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	3/22/20	24	RunNo: 904	145	
Client ID: LCSS	Batch ID: 43353					Analysis Date	3/22/20	24	SeqNo: 188	36404	
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	: 3/22/20	24	RunNo: 904	145	
Client ID: NS-05-VER01-02	Batch ID: 43353					Analysis Date	3/22/20	24	SeqNo: 188	36408	
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	3/22/20	24	RunNo: 904	145	
Client ID: NS-05-VER01-02	Batch ID: 43353					Analysis Date	3/22/20	24	SeqNo: 188	36409	
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 NOTES: R - High RPD observed, spike	0.197		0.2164		91.2	43.2	155		0		

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



# Sample Log-In Check List

Client Name: SES	Work Order Numb	ber: 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			
<ol> <li>Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)</li> </ol>	Yes	No 🗌	Not Present
4. Was an attempt made to cool the samples?	Yes 🖌	No 🗌	
5. Were all items received at a temperature of $>2^{\circ}C$ to $6^{\circ}C$ *	Yes 🖌	No 🗌	
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 🗌	
<u>Special Handling (if applicable)</u>			
16. Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🔽
Person Notified: Date	:		
By Whom: Via:	eMail Pr	none 🗌 Fax	In Person
Regarding:			
Client Instructions:			

### Item Information

Item #	Temp ⁰C
Sample	4.5

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

Seattle, WA 98134 Telephone: 206-306-1900	y, Suite	3600 Fremont Ave N. Seattle, WA 98103 Tel: 206-352-3790 Fax: 206-352-7178 CL 6 212 6 212	Chain of Cus ody Record         Date: 03 21/24       Page: 1         Project Name:       North Substation Property         Project No:       1267-004         Collected by:       Delationary         Collected by:       Delationary         Location:       7500 8th Avenue NE, Seattle, WA         Report To (PM):       Clare Tochilin	s, WA	2       Laboratory Proje         3       Laboratory Proje         3       Special Remarks:         Direct Bill to S       Scl_apinvoice         -Include PRNti       -SCL Project I         -SCL Project I       Sample Disposal:	aboratory Services Agreement         Laboratory Project No (Internal): 2403394         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         X Disposal by lab (after 30 days)	after 30 days)
Fax: 206-306-1907			PM Email: ctochilin@soundearthinc.com	thinc.cor			
Sample Name	Sample San	- n	# of			Comments	
115-05-VER01-02	E	109:1		$\times$	X	Sample Time 1404	
NS-05-UER01-2.5	30h1 1	06				Hed	
N5-05-VER01-03	1408	38				Hold	
1 NS-05-VER01-3.5	01 1-1 10	10				Held	
, NS-05-VEROI-04	1412	2				Hold	
· N5-05-VER02-02	1348	30		×	χ		
NS-05-VER02-2.5	1350	50				Hald	
115-05-VER02-03	1352	22				Hela	
. NS-05-VER02-3435	1354	54				Hold	
10 NS-05-VER02-04	1356	7: 7:	-			Hald	
AQ = Aqueous, B = Bulk,	O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid,	t, S = Soil, SD = S		W = Water, DW = Drinking Water, GW = Ground Water,	- C	WW = Waste Water	Turn-around Time:
**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	N PB sb se sr sn	Ti Ti V Zn	Next Day
***Anions (Circle): Nitrate Nitrite	Chloride Su	Sulfate Bromide	e O-Phosphate Fluoride	e Nitrate+Nitrite		□ 3 Day	Same Day
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.	o enter into this A nd backside of thi	greement with s Agreement.	Fremont Analytical on beha	alf of the Client named above, th	at I have verified C		(241Hr. (4 Day)
x 10 mmg Bats	Brennun	Bookt (	Date/Time 38/21/24/1535	Received Signature)	Print Name N.Hun	Volto 3/4/14	1535
Relinquished (Signature) x	Print Name		Date/Time	Received (Signature) x	Print Name	Date/Time	
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Page 1 of 7		www.fremontanalytical.com		000 1 3 - 11 06 20
	Print Name Date/ Ime	Received (Signature)	lame Date/Time	(Signature) Print Name
1535	Keffer	21/24/1535 × CTC M	nun Boshar	Bath Bath
(specify)	<u> </u>	med above, that I ha	ito this Agreement with Frem ide of this Agreement.	I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.
Same Day	<ul> <li>З Day</li> </ul>	O-Phosphate Fluoride Nitrate+Nitrite	ide Sulfate Bromide	***Anions (Circle): Nitrate Nitrite Chloride
Next Day	Sb Se Sr Sn Ti Ti V Zn	AI AS B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se	ollutants TAL Individual: Ag Al As B Ba	*Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants
5	Water, WW = Waste Water	O = Other, P = Product S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW =	P = Product S = Soil, SD = Sedimen	Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other,
	Hold		- 1324 1.1	10 NS-05-VERO4-04
	Hold		1322	N5-05-VER04-3.5
	Hold		1320	N5-05-VEROY-03
	Hold		1318	N5-05-VER04-2.5
		×	1316	N5-05-VER03-02
	11010		1340	N5-05-VER03-04
	Hold		1338	NS-05-VER03-3.5
	Hold		1336	NS-05-VER03-03
	Held		1334 1	NS-05-VER03-2.5
		8	1241 1332 Soil 1	15-05-VER03-02 03/21/24
	Comments		sample Sample # of e Time (Matrix)* Cont.	Sample Name Sample
	111111	clock, lin@ soundearthinc.com	-	Email(s):
to client	Retain volume (specify above) Return to client	Report To (PM): Clare Tachi:n	Report	Telephone:
	Property Consult of a 10 days indexe who	Location: 7500 8th Avenue Seattle, WA	Locatio	City, State, Zip:
		ad by: Brenning at	Collected by:	Address:
	See Mar. 1	H00- F211	Project No:	Client:
		h Substation Pro		An Alliance Technical Group Campany
94	Laboratory Project No (Internal): 24033394	Date: (33/21/24) Pare: 7 of: 3	Seattle, WA 98103 Tel: 206-352-3790 Date: /	
nent	pratory Services Agreen	Chain of Custody Record & Laboratory Services Agreement	3600 Fremont Ave N.	

COC 1.3 - 11.06 20

	- 	3600 Fremont Ave N.	Chain	Chain of Custody Record	/ Record &	Laborato	& Laboratory Services Agreement	es Agreet	ment
		Seattle, WA 98103 Tel: 206-352-3790	Date: 03/21/24	ž	Page: <b>3</b> of:	3 Labora	Laboratory Project No (internal):	al: 2403394	504
An Alliance Technical Group Company	A 1/1 0 0 0		Project Name: Nor-	Substation	Property	Special	Special Remarks:		
Client:			Project No: 1267 -004	-00 H		S	See PG.	F	
Address:	•		Collected by: Rul	Collected by: Julia Machan	4				
city, State, Zip: PO.			Location: 7500	Location: 7500 8th Avenue	Seattle.	U A			
Telephone: SEV			Report To (PM): C	Report To (PM): Clare Tochilin	ilim	Disposi	Disposal: Samples will be disposed in 30 days unless otherwise requested. Retain volume (specify above) Return to client	sed in 30 days unless oti ove) Return	herwise requested. In to client
Email(s):			cto	ctochilin@soundearthinc.	id earthinc.	COM			
			a 1-22-1						
Sample Name	Sample San Date Tir	Sample Type # of Time (Matrix)* Cont.	LOC3 EDT O	Carrie Carlos Ca	2 (27)			Comments	
1 NS-05-VER05-02	03/21/24 1300	_		-	×	×			
2 NS-05-VER05 - 2.5	1302	02					Hold		
3 NS- 05-VER05 -03	13	1304					Held		
4 NS-05-VEROS-3.5	1306	66					Hold		
SNS-05-VEROS-04	51	8061					Held		
6 NS- 05-VER06-02	1246	(6			×	×			
NS-05-VER06-2.5	1248	84					Hold		
NS-05-VER06-03	1250	50					Hold		
NS - 05 - VE ROG -3.5	1252	52					F lot		
10NS-05-VER06-04	1 1254	54 L	F				Hold		
Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil) SD = Sediment,	Other, P = Product	, S = Soil, SD =	SL = Solid,	ter, DV	GW = Ground	SW = Storm Wa	iter, WW = Waste Water	  {	Turn-around Time:
e Nitrite	Chloride Sul		Bromide O-Phosphate Flu	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.	nter into this Ag backside of this	preement with Agreement.	h Fremont Analytical	l on behalf of the Cl	ient named above, th	nat I have verified	Client's agreeme	2 Day	24 hr (1 day (specify)
Relingershed (Signature)	Brenn	anBook	Hennan Bocky 03/21/24/1535	1533 × Construction	(nature)	Northurn	Usfeer	Date/Time	1335
Relinquished (Signature)	Print Name		Date/Time	Received (Signature) x	(nature)	Print Name		Date/Time	
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100 1.0 11.00.00									

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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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original



CLIENT: Project: Work Order:	SoundEarth Strategies, Inc. North Substation Property 2403395	Work Order S	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



**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 & Acronyms**



WO#: **2403395** Date Reported: **3/28/2024** 

# 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 Recoverv 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



Work Order:	2403395
Date Reported:	3/28/2024

CLIENT: SoundEarth Strategi Project: North Substation Pro						
Lab ID: 2403395-001 Client Sample ID: NS-01-POL	.E01-01			Collection Matrix: So		3/21/2024 10:34:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by	EPA Method 80	<u>81A</u>		Batch	ID: 43	353 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 Mois	<u>sture)</u>			Batch	ID: R9	0534 Analyst: GHG
Percent Moisture	23.8	0.500		wt%	1	3/27/2024 10:44:31 AM
Lab ID: 2403395-002	<b>F</b> 00.04					3/21/2024 10:42:00 AM
Client Sample ID: NS-01-POL Analyses	.E02-01 Result	RI	Qual	Matrix: So Units	DII	Date Analyzed
Organochlorine Pesticides by			quui		ID: 43:	
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 Mois	<u>sture)</u>			Batch	ID: R9	0534 Analyst: GHG
Percent Moisture	19.2	0.500		wt%	1	3/27/2024 10:44:31 AM



Work Order:	2403395
Date Reported:	3/28/2024

CLIENT:SoundEarth StrategieProject:North Substation Pro						
Lab ID: 2403395-003 Client Sample ID: NS-03-POL	E01-01			Collection Matrix: So		3/21/2024 10:21:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by I	EPA Method 80	<u>81A</u>		Batch	ID: 43	353 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 Mois	<u>sture)</u>			Batch	ID: R9	0534 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-POL	E01-01			Matrix: So	oil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by I	EPA Method 80	<u>81A</u>		Batch	ID: 43	353 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 60	<u>)20</u>			Batch	ID: 43	348 Analyst: ME
Lead	126	11.8	D	mg/Kg-dry	10	3/25/2024 5:16:00 PM
Sample Moisture (Percent Mois	<u>sture)</u>			Batch	ID: R9	0534 Analyst: GHG
Percent Moisture	22.3	0.500		wt%	1	3/27/2024 10:44:31 AM


Work Order: CLIENT: Project:	2403395 SoundEarth North Substa	-								-	SUMMA		
Sample ID: MB-43	348	SampType:	MBLK			Units: mg/Kg		Prep Date	e: <b>3/22/20</b>	24	RunNo: 904	448	
Client ID: MBLK	S	Batch ID:	43348					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 18	36575	
Analyte		R	esult	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead			ND	0.984									
Sample ID: LCS-4	3348	SampType:	LCS			Units: mg/Kg		Prep Date	e: <b>3/22/20</b>	24	RunNo: 904	448	
Client ID: LCSS		Batch ID:	43348					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 18	36576	
Analyte		R	esult	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: 240335	59-001AMS	SampType:	MS			Units: mg/Kg-	dry	Prep Date	e: <b>3/22/20</b>	24	RunNo: 904	448	
Client ID: BATCH	1	Batch ID:	43348					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 18	86579	
Analyte		R	esult	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: 24033	59-001AMSD	SampType:	MSD			Units: mg/Kg-	dry	Prep Date	e: <b>3/22/20</b>	24	RunNo: 904	448	
Client ID: BATCH	1	Batch ID:	43348					Analysis Date	e: <b>3/22/20</b>	24	SeqNo: 18	36580	
Analyte		R	esult	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: 24033									QC S	SUMMA	RY REF	POR
	Earth Strategies						Orga	nochlori	ne Pesticid	les hy FP/	Method	808,
Project: North	Substation Prope	erty					Orga				- Methou	000
Sample ID: MB-43353	SampType	e: MBLK			Units: mg/Kg	J	Prep Da	te: 3/22/20	24	RunNo: 904	445	
Client ID: MBLKS	Batch ID:	43353					Analysis Da	te: 3/22/20	24	SeqNo: 18	86781	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Dieldrin		ND	0.0100									
Surr: Decachlorobiphenyl		0.172		0.2000		85.8	43.8	173				
Surr: Tetrachloro-m-xyler	le	0.187		0.2000		93.4	36.6	156				
Sample ID: LCS1-43353	SampType	e: LCS			Units: mg/Kg	J	Prep Da	te: 3/22/20	24	RunNo: 904	445	
Client ID: LCSS	Batch ID:	43353					Analysis Da	te: 3/22/20	24	SeqNo: 18	86404	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
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-xyler	e	0.178		0.2000		88.9	43.2	155				
Sample ID: 2403394-001A	<b>//S</b> SampType	e: MS			Units: mg/Kg	j-dry	Prep Da	te: 3/22/20	24	RunNo: 904	445	
Client ID: BATCH	Batch ID:	43353					Analysis Da	te: 3/22/20	24	SeqNo: 18	86408	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Dieldrin		0.131	0.0108	0.2164	0	60.4	58.9	160				
Surr: Decachlorobipheny		0.113		0.2164		52.3	37	160				
Surr: Tetrachloro-m-xyler	e	0.146		0.2164		67.4	43.2	155				
Sample ID: 2403394-001A	<b>ISD</b> SampType	e: MSD			Units: mg/Kg	J-dry	Prep Da	te: 3/22/20	24	RunNo: 904	445	
Client ID: BATCH	Batch ID:	43353					Analysis Da	te: 3/22/20	24	SeqNo: 18	86409	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Dieldrin		0.193	0.0108	0.2164	0	89.3	58.9	160	0.1307	38.6	30	R
Surr: Decachlorobipheny		0.155		0.2164		71.8	37	160		0		
Surr: Tetrachloro-m-xyler NOTES:	e	0.197		0.2164		91.2	43.2	155		0		

Original



# Sample Log-In Check List

Client Name: SES		Work Order Num	oer: 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?		<u>Client</u>		
<u>Log In</u>				
<ol> <li>Custody Seals present on shipping contai (Refer to comments for Custody Seals no</li> </ol>		Yes	No 🗌	Not Present
4. Was an attempt made to cool the sample	s?	Yes 🗹	No 🗌	NA 🗌
5. Were all items received at a temperature	of >2°C to 6°C *	Yes 🖌	No 🗌	
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗌	
7. Sufficient sample volume for indicated tes	st(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 parameter be met?	ers, pH e.g.) able to	Yes 🗹	No 🗌	
<u>Special Handling (if applicable)</u>				
16. Was client notified of all discrepancies w	vith this order?	Yes	No 🗌	NA 🗹
Person Notified:	Date	e:		
By Whom:	Via:	eMail 🗌 Pł	none 🗌 Fax	In Person
Regarding:				
Client Instructions:				

#### Item Information

Item #	Temp ⁰C
Sample	4.5

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

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Laboratory Project No (Internal):         Special Remarks:         Direct Bill to Seattle City Light         Sample Disposal:         Section         Sample Disposal:         Return to diant	min Boke	er into this Agreement with Frei ackside of this Agreement.	Chloride Sulfate Bromide	ollutants TAL	P = Product S = Soil						1 1161 + +	1821	1642		Sample Type (Matrix)*	PME	Repo	Locat			Fax: 206-352-7178	Tel: 206-352-3790	36	
Laboratory Project No (Internal):         Special Remarks:         Direct Bill to Seattle City Light         Sample Disposal:         Section         Sample Disposal:         Return to diant         Section         Section         Section         Sample Disposal:         Return to diant         Section         Section <td>3/21/24 / 1535</td> <td>mont Analytical on behalf of the</td> <td>O-Phosphate Fluoride Nit</td> <td>8</td> <td>W = Water</td> <td></td> <td></td> <td>BOB</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Email: ctochilin@soundearth</td> <td>ort To (PM): Clare Tochilin</td> <td>ntion: 7500 8th Avenue NE</td> <td>ected by: Brenner</td> <td>ect No: 1267-004</td> <td>ect Name: North Substation F</td> <td>03/21/24</td> <td>Chain of Custo</td> <td></td>	3/21/24 / 1535	mont Analytical on behalf of the	O-Phosphate Fluoride Nit	8	W = Water			BOB								Email: ctochilin@soundearth	ort To (PM): Clare Tochilin	ntion: 7500 8th Avenue NE	ected by: Brenner	ect No: 1267-004	ect Name: North Substation F	03/21/24	Chain of Custo	
	N	e Client named above, that I hav		Mg Mn Mo Na N	GW - Cound Water		67117167	200			X	8	8			inc.com		, Seattle, WA	Cord			) of:	& L	
	lepper	ve verified Client's agreement		b Se Sr Sn		/											Sample Disposal: Return to clien		-SCL Project Manager: Jen	-Include PRN# (TBD)	Special Remarks: Direct Bill to Seattle City Lig	Laboratory Project No (internal):	oratory Services	
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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

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original



CLIENT: Project: Work Order:	SoundEarth Strategies, Inc. North Substation Property 2403453	Work Order S	Sample Summary
Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2402452 004		02/2E/2024 0.EE ANA	02/25/2024 2:40 DM

2403453-001

NS-04-POLE01-01

03/25/2024 8:55 AM

03/25/2024 3:19 PM



**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 & Acronyms**



 WO#:
 2403453

 Date Reported:
 4/1/2024

### 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 Recoverv 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



 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: So	oil	
Client S	ample ID: NS-04-POLE01-01						
Analyse	S	Result	RL	Qual	Units	DF	Date Analyzed
<u>Organo</u> Dieldrin	ochlorine Pesticides by EPA	Method 808	<b>1A</b> 0.00995		Batcl mg/Kg-dry	h ID: 434	410 Analyst: CO 3/28/2024 1:07:07 PM
<u>Sample</u>	e Moisture (Percent Moisture	)			00,	n ID: R9	0557 Analyst: MF
Percent							





	2403453 SoundEarth	Strategies, Inc.							QC S	SUMMA	RY REF	POR
		ation Property					Organ	ochlori	ne Pesticid	es by EPA	A Method	8081
Sample ID: MB-4341	0	SampType: MBLK			Units: mg/Kg		Prep Date	e: <b>3/28/20</b>	24	RunNo: 90	576	
Client ID: MBLKS		Batch ID: 43410					Analysis Date	e: <b>3/28/20</b>	24	SeqNo: 18	39109	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin		ND	0.0100									
Surr: Decachlorobi	phenyl	0.120		0.2000		59.8	43.8	173				
Surr: Tetrachloro-m	n-xylene	0.188		0.2000		93.9	36.6	156				
Sample ID: LCS-434	10	SampType: LCS			Units: mg/Kg		Prep Date	e: <b>3/28/20</b>	24	RunNo: 90	576	
Client ID: LCSS		Batch ID: 43410					Analysis Date	e: <b>3/28/20</b>	24	SeqNo: 18	39110	
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: Decachlorobi	phenyl	0.116		0.2000		58.1	37	160				
Surr: Tetrachloro-m	n-xylene	0.184		0.2000		92.0	43.2	155				
Sample ID: 2403453-	001AMS	SampType: MS			Units: mg/Kg-	dry	Prep Date	e: <b>3/28/20</b>	24	RunNo: 90	576	
Client ID: NS-04-PC	OLE01-01	Batch ID: 43410					Analysis Date	e: <b>3/28/20</b>	24	SeqNo: 18	39112	
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: Decachlorobi	phenyl	0.116		0.1989		58.1	37	160				
Surr: Tetrachloro-m	n-xylene	0.191		0.1989		96.2	43.2	155				
Sample ID: 2403453-	001AMSD	SampType: MSD			Units: mg/Kg-	dry	Prep Date	e: <b>3/28/20</b>	24	RunNo: 90	576	
Client ID: NS-04-PC	OLE01-01	Batch ID: 43410					Analysis Date	e: <b>3/28/20</b>	24	SeqNo: 18	39113	
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: Decachlorobi	phenyl	0.0983		0.1971		49.9	37	160		0		
Surr: Tetrachloro-m	n-xylene	0.160		0.1971		81.0	43.2	155		0		



# Sample Log-In Check List

Client Name:	SES	Work Order Numb	oer: 2403453	
Logged by:	Morgan Wilson	Date Received:	3/25/2024	3:19:00 PM
Chain of Cust	ody			
	Custody complete?	Yes 🖌	No	Not Present
	sample delivered?	<u>Client</u>		
<u>Log In</u>				
	s present on shipping container/cooler? ments for Custody Seals not intact)	Yes	No 🗌	Not Present
4. Was an attem	npt made to cool the samples?	Yes 🖌	No 🗌	NA 🗌
5. Were all item	s received at a temperature of $>2^{\circ}C$ to $6^{\circ}C$ *	Yes 🖌	No 🗌	
6. Sample(s) in	proper container(s)?	Yes 🖌	No 🗌	
7. Sufficient san	nple volume for indicated test(s)?	Yes 🖌	No 🗌	
8. Are samples	properly preserved?	Yes 🖌	No 🗌	
9. Was preserva	ative added to bottles?	Yes	No 🗹	NA 🗌
10. Is there head	space in the VOA vials?	Yes	No 🗌	NA 🔽
11. Did all sample	es containers arrive in good condition(unbroken)?	Yes 🖌	No 🗌	
12. Does paperw	ork match bottle labels?	Yes 🗹	No 🗌	
13. Are matrices	correctly identified on Chain of Custody?	Yes 🖌	No 🗌	
14. Is it clear what	at analyses were requested?	Yes 🖌	No 🗌	
15. Were all hold be met?	times (except field parameters, pH e.g.) able to	Yes 🖌	No 🗌	
Special Hand	<u>ling (if applicable)</u>			
16. Was client n	otified of all discrepancies with this order?	Yes	No 🗌	NA 🗹
Person	Notified: Date	e:		
By Wh	om: Via:	eMail Pr	none 🗌 Fax	In Person
Regard	ling:			
Client I	nstructions:			

#### Item Information

Item #	Temp ⁰C
Sample	6.0

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

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Relinquished (Signature) Received (Signature) Print Name Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Received (Signature) Print Name Print Name Date/Time Name Date/Time Received (Signature) Received (Signature) Print Name Date/Time Date/Time Received (Signature) Print Name Print Name Print Name Date/Time Print Name Print	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.	*** Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite	I As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Ti V Zn	•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		9							Telephone: 206 - 306 - 1400 Report To (PM): Clare Tochilin Retain volume (specify above) Return to client	Seattle, WA	Address: 1011 SW Hickitat Way, Suite 212 collected by: Burnary Bodie - Sch Project Hanayer: Jen Hindred	Project No: 1267-004	Substation Proper	Seattle, WA 98103         Date: 03/25/24         Page: 1         of: 1         Laboratory Project No (internal):	
Date/Time 3/25 15-1		3 Day Same Day	Standard Next Day	Turn-an	1	/					Comments		nove) Return to client	C	sylar. Jen Hindred	attegov	itile City Light	2403453	es Agreement

# APPENDIX E DATA VALIDATION REPORT

# **DATA VALIDATION REPORT**

1

# 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 178<sup>th</sup> 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	1
	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  $0^{\circ}$ C -  $6^{\circ}$ 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  $0^{\circ}$ C -  $6^{\circ}$ 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
Instrument Performance	5A	breakdown, lock-mass) 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_L_LD_1; in the
, in the second s		Precision (all replicates: LCS/LCSD, MS/MSD, Lab Replicate, Field Replicate)
Precision and Accuracy	10	Laboratory Control Sample Recoveries (a.k.a. Blank Spikes)
	10	Laboratory Control Sample Recoveries (a.K.a. Blank Spikes)
Precision and Accuracy	12	Use bias flags (H,L)1 where appropriate Reference Material
	12	Lise bios flogs (ILL)1 scheme in
Precision and Accuracy	13	Use bias flags (H,L)1 where appropriate
	15	Surrogate Spike Recoveries (a.k.a. labeled compounds, recovery standards)
Interferences	16	Use bias flags (H,L)1 where appropriate
Interferences	17	ICP/ICP-MS Serial Dilution Percent Difference
	17	ICP/ICP-MS Interference Check Standard Recovery
Interferences	19	Use bias flags (H,L)1 where appropriate
Interferences	22	Internal Standard Performance (i.e., area, retention time, recovery)
Interferences	23	Elevated Detection Limit due to Interference (i.e., chemical and/or matrix)
Identification and Quantitation	2	Bias from Matrix Interference (i.e. diphenyl ether, PCB/pesticides)
and Quantitation		Chromatographic pattern in sample does not match pattern of calibration
Identification and Quantitation	3	standard
and Quantitation	5	2nd column confirmation (RPD or %D)
Identification and Questing		
Identification and Quantitation	4	Tentatively Identified Compound (TIC) (associated with NJ only)
Identification and Quantitation Identification and Quantitation	20	Calibration Range or Linear Range Exceeded
Identification and Quantitation	25	Compound Identification (i.e., ion ratio, retention time, relative abundance,
Miscellaneous		etc.)
iviiscenaneous	11	A more appropriate result is reported (multiple reported analyses i.e.,
		dilutions, reextractions,
Missalle		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		UJ.8
NS-05-VER01-02	2403394-001	Dieldrin	ND	mg/kg	the state of the s
		10 IVIGI III	ND	mg/kg	UJ,9

# APPENDIX C DATA VALIDATION CHECKLISTS

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Method: Date Review	Diel	di	<u>N</u>	80	811	7			_							SDG:_	2	40	331	Ч
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Method: <u>Melfhin</u> 8081<u>A</u> Date Reviewed: <u>9829</u> Sample Collection Dates: <u>519 29</u> The following data validation areas were reviewed: 808

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# **Analytical Report**

 Work Order:
 2403314

 Date Reported:
 3/19/2024

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	Da	te: 3/18/2024 12:38:00 PM
Lab ID: 2403314-001 Client Sample ID: NS-01-VER01-02				Matrix: So	oil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 8	081A		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. Project: North Substation Property				Collection	ı Da	te: 3/18/2	024 1:34:00 PM
Lab ID: 2403314-006 Client Sample ID: NS-01-VER02-02				Matrix: So	oil		
Analyses	Result	RL	Qual	Units	DI	F D	ate Analyzed
Organochlorine Pesticides by EPA	Method 8	081A		Batch	ID:	43298	Analyst: CO
Dieldrin	ND	0.0122		mg/Kg-dry	1	3/18	3/2024 7:49:12 PM
Surr: Decachlorobiphenyl	69.7	37 - 160		%Rec	1		3/2024 7:49:12 PM
Surr: Tetrachloro-m-xylene	118	43.2 - 155		%Rec	1		3/2024 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. Project: North Substation Property	Collection Date: 3/18/2024 2:15:00 PM						
Lab ID: 2403314-011 Client Sample ID: NS-01-VER03-02		Matrix: Soil					
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	
Organochlorine Pesticides by EPA	Method 8	081A		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	1			Batch	ID:	R90309 Analyst: MF	
Percent Moisture	15.2	0.500		wt%	1	3/19/2024 9:35:05 AM	


Work Order:
 2403336

 Date Reported:
 3/22/2024

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	ı Da	te: 3/19/2024 8:42:00 AM
Lab ID: 2403336-001 Client Sample ID: NS-02-VER01-01				Matrix: So	oil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 8	081A		Batch	ı 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	1			Batch	ID:	R90375 Analyst: OP
Percent Moisture	11.3	0.500		wt%	1	3/20/2024 4:27:18 PM



 Work Order:
 2403336

 Date Reported:
 3/22/2024

Client: SoundEarth Strategies, Inc.				Collection	Da	te: 3/19/20	024 11:14:00 AM
Project: North Substation Property Lab ID: 2403336-006				Matrix: So	oil		
Client Sample ID: NS-02-VER02-01							
Analyses	Result	RL	Qual	Units	DF	= Da	ate Analyzed
Organochlorine Pesticides by EPA	Method 8	081 <u>A</u>		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



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

Client: SoundEarth Strategies, In Project: North Substation Propert				Collection	Da	<b>te:</b> 3/19/20	024 11:48:00 AM
Lab ID: 2403336-011 Client Sample ID: NS-03-VER01-				Matrix: So	bil		
Analyses	Result	RL	Qual	Units	DF	= D;	ate Analyzed
Organization Destinidants		004 4		Datab		10010	Analysis 00
Organochlorine Pesticides by E	PA Method 8	081A		Batch	ID:	43318	Analyst: CO
Dieldrin	0.0155	0.0114		Batch mg/Kg-dry	10:	10010	Analyst: CO
				37.5	1 1	3/20	2,
Dieldrin	0.0155	0.0114		mg/Kg-dry	1D: 1 1	3/20 3/20	/2024 12:51:59 PM
Dieldrin Surr: Decachlorobiphenyl	0.0155 40.9 57.1	0.0114 37 - 160		mg/Kg-dry %Rec %Rec	1 1 1	3/20 3/20	/2024 12:51:59 PM /2024 12:51:59 PM



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

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	Dat	e: 3/19/2024 12:08:00 PM
Lab ID: 2403336-016 Client Sample ID: NS-03-VER02-01				Matrix: So	bil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 8	081A		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



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

roject: North Substa ab ID: 2403336-02	1				Matrix: So	bil		
lient Sample ID: NS nalyses	5-03-VER03-01	Result	RL	Qual	Units	DF	= Da	ate Analyzed
Organochlorine Pes	ticides by EPA	Method 8	081A		Batch	ID:	43318	Analyst: CO
Organochlorine Pes	ticides by EPA	0.208	0.0129		Batch mg/Kg-dry	1D:		Analyst: CO /2024 1:11:19 PM
	,						3/20,	
Dieldrin	nyl	0.208	0.0129		mg/Kg-dry	1	3/20/ 3/20/	/2024 1:11:19 PM
Surr: Decachlorobipher	nyl	0.208 101 128	0.0129 37 - 160		mg/Kg-dry %Rec %Rec	1 1 1	3/20/ 3/20/	- /2024 1:11:19 PM /2024 1:11:19 PM



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

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	Date	e: 3/19/2024 1:36:00 PM
Lab ID: 2403336-022 Client Sample ID: NS-03-VER03-1.5				Matrix: So	bil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 8	081A		Batch	ID: 4	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	1			Batch	ID: F	R90378 Analyst: SK
Percent Moisture	18.6	0.500		wt%	1	3/21/2024 8:44:34 AM



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

1

Client: SoundEarth Strategies, Project: North Substation Prope				Collection	Dat	e: 3/19/20	24 1:38:00 PN
_ab ID: 2403336-023 Client Sample ID: NS-03-VER03				Matrix: So	bil		
Analyses	Result	RL	Qual	Units	DF	Da	te Analyzed
				-			
Organochlorine Pesticides by	EPA Method 8	<u>081A</u>		Batch	ID:	43318	Analyst: CO
Organochlorine Pesticides by Dieldrin	EPA Method 80	0.0125		Batch mg/Kg-dry	1D:		Analyst: CO
						3/21/	
Dieldrin	ND	0.0125		mg/Kg-dry	1	3/21/ 3/21/	2024 1:22:35 PM
Dieldrin Surr: Decachlorobiphenyl	ND 82.8 81.6	0.0125 37 - 160		mg/Kg-dry %Rec %Rec	1 1 1	3/21/ 3/21/	2024 1:22:35 PM 2024 1:22:35 PM

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

Client: SoundEarth Stratege Project: North Substation P	5 V)				Collection	Da	te: 3/19/20	024 1:48:00 PM	ĺ
Lab ID: 2403336-026 Client Sample ID: NS-04-VE					Matrix: So	bil			
Analyses		Result	RL	Qual	Units	DF	Da	te Analyzed	
Organochlorine Pesticides	s by EPA	Method 80	081A		Batch	ID:	43318	Analyst: CO	
Dieldrin	8 V)		M 0.0106		mg/Kg-dry	1	3/20/	2024 3:15:13 PM	
Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene		40.7 43.6	37 - 160 43.2 - 155		%Rec %Rec	1 1		2024 3:15:13 PM 2024 3:15:13 PM	
Sample Moisture (Percent	Moisture	D)			Batch	ID:	R90378	Analyst: SK	
Percent Moisture		7.12	0.500		wt%	1	3/21/	2024 8:44:34 AM	



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

Client: SoundEarth Strategies, Inc. Project: North Substation Property	•			Collection	Da	te: 3/19/20	024 2:20:00 PM
Lab ID: 2403336-031 Client Sample ID: NS-04-VER02-01				Matrix: So	bil		
Analyses	Result	RL	Qual	Units	DF	= Da	ate Analyzed
Organochlorine Pesticides by EP/	A Method 8	0814		Batch	ın.	43318	Analysty CO
	Cinotitod o			Daton	ID.	43316	Analyst: CO
Dieldrin	0.0675	0.0129			1		
				mg/Kg-dry %Rec		3/20	/2024 3:44:18 PM
Dieldrin	0.0675	0.0129		mg/Kg-dry	1	3/20 3/20	/2024 3:44:18 PM
Dieldrin Surr: Decachlorobiphenyl	0.0675 132 140	0.0129 37 - 160		mg/Kg-dry %Rec %Rec	1 1 1	3/20 3/20	/2024 3:44:18 PM /2024 3:44:18 PM



 Work Order:
 2403336

 Date Reported:
 3/22/2024

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lient: SoundEarth Strategies, roject: North Substation Prope ab ID: 2403336-032				Collection Matrix: So		te: 3/19/20	024 2:22:00 PN
lient Sample ID: NS-04-VER02	2-1.5						
Analyses	Result	RL	Qual	Units	DF	- Da	ate Analyzed
Organochlorine Pesticides by	EPA Method 80	081A		Batch	ID:	43353	Analyst: SK
Organochlorine Pesticides by Dieldrin	EPA Method 80	0.0120					
Organochlorine Pesticides by Dieldrin Surr: Decachlorobiphenyl				Batch mg/Kg-dry %Rec	ID: 1 1	3/22	Analyst: SK /2024 12:04:39 PM /2024 12:04:39 PM
Dieldrin	ND	0.0120		mg/Kg-dry	1	3/22/ 3/22	/2024 12:04:39 PM
Dieldrin Surr: Decachlorobiphenyl	ND 54.9 74.5	0.0120 37 - 160		mg/Kg-dry %Rec %Rec	1 1 1	3/22/ 3/22	/2024 12:04:39 PM /2024 12:04:39 PM

Analytical

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

1

Client: SoundEarth Strategies, Inc Project: North Substation Property	<b>).</b>			Collection	Dat	te: 3/19/2024 2:24:00 PM
Lab ID: 2403336-033 Client Sample ID: NS-04-VER02-02	2			Matrix: So	bil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EP	A Method 8	<u>081A</u>		Batch	ID:	43353 Analyst: SK
Dieldrin	ND	0.0126		mg/Kg-dry	1	3/22/2024 12:14:18 PM
Dieldrin Surr: Decachlorobiphenyl	ND 54.4	0.0126 37 - 160		mg/Kg-dry %Rec	1 1	3/22/2024 12:14:18 PM 3/22/2024 12:14:18 PM
Surr: Decachlorobiphenyl	54.4 85.1	37 - 160		%Rec %Rec	1 1	3/22/2024 12:14:18 PM

Analytical

An Alliance Technical Group Company

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

1

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	Dat	te: 3/19/2024 2:32:00 PM
Lab ID: 2403336-036 Client Sample ID: NS-04-VER03-01				Matrix: So	bil	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by EPA	Method 8	<u>081A</u>		Batch	ID:	43318 Analyst: CO
Dieldrin	ND	0.0111		mg/Kg-dry	1	3/20/2024 4:03:32 PM
Surr: Decachlorobiphenyl	76.0	07 400				
e an é é é é é é é é é é é é é é é é é é	10.0	37 - 160		%Rec	1	3/20/2024 4:03:32 PM
Surr: Tetrachloro-m-xylene	84.4	43.2 - 155		%Rec %Rec	1 1	3/20/2024 4:03:32 PM 3/20/2024 4:03:32 PM
	84.4			%Rec	1	

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

Client: SoundEarth Strategies, Inc. Project: North Substation Property				Collection	Da	te: 3/19/20	024 2:50:00 PM
Lab ID: 2403336-041 Client Sample ID: NS-06B-VER01-0	1			Matrix: So	bil		
Analyses	Result	RL	Qual	Units	DF	= Da	ate Analyzed
Organochlorine Pesticides by EP/	A Method 8	<u>081A</u>		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 Moistur	<u>e)</u>			Batch	ID:	R90378	Analyst: SK
Percent Moisture	17.9	0.500		wt%	1	3/21/	/2024 8:44:34 AM



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

1

Client: SoundEarth Strategies, Inc Project: North Substation Property				Collection	Da	te: 3/19/20	024 3:00:00 PM
Lab ID: 2403336-046 Client Sample ID: NS-06B-VER02-0	01			Matrix: So	oil		
Analyses	Result	RL	Qual	Units	DF	= Da	ate Analyzed
Organochlorine Pesticides by EP	A Method 8	081A		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 Moistur	<u>re)</u>			Batch	ID:	R90378	Analyst: SK
Percent Moisture	16.3	0.500		wt%	1	3/21	2024 8:44:34 AM





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 Work Order:
 2403394

 Date Reported:
 3/22/2024

### CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403394-001 Client Sample ID: NS-0	05-VEI	R01-02			Collection Matrix: S		ite: 3/21/	2024 2:04:00 PM
Analyses		Result	RL	Qual	Units	D	F Dat	e Analyzed
Organochlorine Pesticio	les by	EPA Method 8	<u>081A</u>		Batch	ID:	43353	Analyst: SK
Dieldrin Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene	9	V) W60 ND 60.4 82.3	0.0108 37 - 160 43.2 - 155		mg/Kg-dry %Rec %Rec	1 1 1	3/22	2/2024 12:23:58 PM 2/2024 12:23:58 PM 2/2024 12:23:58 PM
Total Metals by EPA Met	thod 6	020			Batch	ID:	43348	Analyst: ME
Lead		1.72	1.18		mg/Kg-dry	1	3/22	2/2024 3:57:00 PM
Sample Moisture (Perce	nt Mo	i <u>sture)</u>			Batch	ID:	R90424	Analyst: DI
Percent Moisture		9.91	0.500		wt%	1	3/22	2/2024 10:13:52 AM

### Lab ID: 2403394-006

Client Sample ID: NS-05-VER02-02

Collection Date: 3/21/2024 1:48:00 PM Matrix: Soil

Result	RL	Qual	Units	D	F Date	e Analyzed
A Method 8	081A		Batch	ID:	43353	Analyst: SK
ND	0.0110		mg/Kg-dry	1	3/22	/2024 12:52:59 PM
75.2	37 - 160		%Rec	1	3/22	2024 12:52:59 PM
92.3	43.2 - 155		%Rec	1	3/22	2024 12:52:59 PM
2			Batch	ID:	43348	Analyst: ME
2.05	1.21		mg/Kg-dry	1	3/22	2024 4:00:00 PM
re)			Batch	ID:	R90424	Analyst: DI
11.5	0.500		wt%	1	3/22/	2024 10:13:52 AM
	2.05 ND 75.2 92.3 2	A Method 8081A ND 0.0110 75.2 37 - 160 92.3 43.2 - 155 2 2.05 1.21	A Method 8081A ND 0.0110 75.2 37 - 160 92.3 43.2 - 155 2 2.05 1.21	ND         0.0110         mg/Kg-dry           75.2         37 - 160         %Rec           92.3         43.2 - 155         %Rec           2         Batch         Batch           2.05         1.21         mg/Kg-dry           Image: Market and the second sec	ND         0.0110         mg/Kg-dry         1           75.2         37 - 160         %Rec         1           92.3         43.2 - 155         %Rec         1           2         Batch ID:         Batch ID:         1           2.05         1.21         mg/Kg-dry         1           Image: Additional state	ND         0.0110         mg/Kg-dry         1         3/22/           75.2         37 - 160         %Rec         1         3/22/           92.3         43.2 - 155         %Rec         1         3/22/           D         2.05         1.21         mg/Kg-dry         1         3/22/           Batch ID:         43348         3/22/         3/22/         3/22/           Batch ID:         43348         3/22/         3/22/           Batch ID:         43348         3/22/         3/22/           Batch ID:         8/3048         3/22/         3/22/



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Work Order: 2403394 Date Reported: 3/22/2024

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#### CLIENT: SoundEarth Strategies, Inc.

North Substation Property Project:

Lab ID: 2403394-011 Client Sample ID: NS-05-VER03-02	2			Collection Matrix: S		te: 3/21/2	2024 1:32:00 PM
Analyses	Result	RL	Qual	Units	D	F Dat	e Analyzed
Organochlorine Pesticides by EPA	Method 80	<u>081A</u>		Batch	ID:	43353	Analyst: SK
Dieldrin	ND	0.0117		mg/Kg-dry	1	3/22	2/2024 1:02:38 PM
Surr: Decachlorobiphenyl	59.8	37 - 160		%Rec	1	3/22	2/2024 1:02:38 PM
Surr: Tetrachloro-m-xylene	73.3	43.2 - 155		%Rec	1	3/22	2/2024 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	1			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 Matrix: Soil

Client Sample ID: NS-05-VER04-02	2		Matrix: So	oil	
Analyses	Result	RL Qua	al Units	D	F Date Analyzed
Organochlorine Pesticides by EPA	Method 8	081A	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)	1		Batch	ID:	R90424 Analyst: DI
Percent Moisture	18.0	0.500	wt%	1	3/22/2024 10:13:52 AM



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 Work Order:
 2403394

 Date Reported:
 3/22/2024

### CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403394-021 Client Sample ID: NS-05-VER05-02	2			Collection Matrix: S		ite: 3/21/	2024 1:00:00 PM
Analyses	Result	RL	Qual	Units	D	F Dat	e Analyzed
Organochlorine Pesticides by EPA	Method 8	<u>081A</u>		Batch	ID:	43353	Analyst: SK
Dieldrin	ND	0.0119		mg/Kg-dry	1	3/22	2/2024 1:21:58 PM
Surr: Decachlorobiphenyl	84.1	37 - 160		%Rec	1	3/22	2/2024 1:21:58 PM
Surr: Tetrachloro-m-xylene	103	43.2 - 155		%Rec	1	3/22	2/2024 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	2/2024 4:07:00 PM
Sample Moisture (Percent Moisture	1			Batch	ID:	R90424	Analyst: DI
Percent Moisture	19.4	0.500		wt%	1	3/22	2/2024 10:13:52 AM

### Lab ID: 2403394-026

Client Sample ID: NS-05-VER06-02

Collection Date: 3/21/2024 12:46:00 PM Matrix: Soil

Analyses	Result	RL	Qual	Units	D	F Dat	e Analyzed
Organochlorine Pesticides by EPA	Method 8	<u>081A</u>		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



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 Work Order:
 2403395

 Date Reported:
 3/28/2024

### CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403395-001 Client Sample ID: NS-01-POLE	01-01			Collection Matrix: So		3/21/20	24 10:34:00 A
Analyses	Result	RL	Qual	Units	DF	Date /	Analyzed
Organochlorine Pesticides by El	PA Method 80	<u>81A</u>		Batch	ID: 43	3353	Analyst: SK
Dieldrin	0.0480	0.0130		mg/Kg-dry	1	3/22/20	024 4:58:32 PM
Surr: Decachlorobiphenyl	75.1	37 - 160		%Rec	1	3/22/20	024 4:58:32 PM
Surr: Tetrachloro-m-xylene	85.8	43.2 - 155		%Rec	1	3/22/20	024 4:58:32 PM
Sample Moisture (Percent Moist	ure)			Batch	ID: R	90534	Analyst: GHG
Percent Moisture	23.8	0.500		wt%	1	3/27/20	024 10:44:31 AM
Lab ID: 2403395-002				Collection	Dato	3/21/202	24 10-42-00 4
	02-01			Collection Matrix: So		3/21/202	24 10:42:00 A
	02-01 Result	RL	Qual				24 10:42:00 A Analyzed
Client Sample ID: NS-01-POLE	Result	0.300. W	Qual	Matrix: So Units	bil	Date A	
Client Sample ID: NS-01-POLE Analyses	Result	0.300. W	Qual	Matrix: So Units Batch	DF	<b>Date /</b>	
Client Sample ID: NS-01-POLE Analyses Organochlorine Pesticides by EF	Result	<u>81A</u>	Qual	Matrix: So Units	D <b>I</b> DF ID: 43	Date # 353 3/22/20	Analyzed Analyst: SK
Client Sample ID: NS-01-POLE Analyses Organochlorine Pesticides by EF	<b>Result</b> <u>PA Method 80</u> 0.135	81A 0.0118	Qual	Matrix: So Units Batch mg/Kg-dry	D <b>F</b> ID: 43	Date # 353 3/22/20 3/22/20	Analyzed Analyst: SK 024 5:17:55 PM
Client Sample ID: NS-01-POLE Analyses Drganochlorine Pesticides by EF Dieldrin Surr: Decachlorobiphenyl	Result PA Method 80 0.135 76.8 89.5	0.0118 37 - 160	Qual	Matrix: So Units Batch mg/Kg-dry %Rec %Rec	D <b>F</b> ID: 43	Date / 353 3/22/20 3/22/20 3/22/20	Analyzed Analyst: SK 024 5:17:55 PM 024 5:17:55 PM



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 Work Order:
 2403395

 Date Reported:
 3/28/2024

### CLIENT: SoundEarth Strategies, Inc.

Project: North Substation Property

Lab ID: 2403395-003 Client Sample ID: NS-03-PO	LE01-01			Collectior Matrix: S		3/21/2024 10:21:00 AM
Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Organochlorine Pesticides by	EPA Method 80	<u>81A</u>		Batch	ID: 43	353 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 Moi	<u>sture)</u>			Batch	ID: R9	0534 Analyst: GHG
Percent Moisture	22.0	0.500		wt%	1	3/27/2024 10:44:31 AM
Lab ID: 2403395-004						3/21/2024 11:01:00 AM
Client Sample ID: NS-05-POL				Matrix: So	bil	
	-E01-01 Result	RL	Qual			3/21/2024 11:01:00 AM Date Analyzed
Client Sample ID: NS-05-POL	Result		Qual	Matrix: So Units	bil	Date Analyzed
Client Sample ID: NS-05-POL Analyses	Result		Qual	Matrix: So Units	Dil DF	Date Analyzed
Client Sample ID: NS-05-POL Analyses Organochlorine Pesticides by	Result	<u>81A</u>	Qual	Matrix: So Units Batch	DF DF ID: 433	Date Analyzed 353 Analyst: SK
Client Sample ID: NS-05-POL Analyses Organochlorine Pesticides by Dieldrin	Result EPA Method 80	<b>81A</b> 0.0121	Qual	Matrix: So Units Batch mg/Kg-dry	D <b>il</b> DF ID: 433	Date Analyzed           353         Analyst: SK           3/22/2024 5:56:32 PM
Client Sample ID: NS-05-POL Analyses Organochlorine Pesticides by Dieldrin Surr: Decachlorobiphenyl	<b>Result</b> EPA Method 80 0.203 106 136	81A 0.0121 37 - 160	Qual	Matrix: So Units Batch mg/Kg-dry %Rec %Rec	D <b>F</b> DF ID: 433 1	Date Analyzed           353         Analyst: SK           3/22/2024 5:56:32 PM           3/22/2024 5:56:32 PM           3/22/2024 5:56:32 PM
Client Sample ID: NS-05-POL Analyses Organochlorine Pesticides by Dieldrin Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene	<b>Result</b> EPA Method 80 0.203 106 136	81A 0.0121 37 - 160	<b>Qual</b>	Matrix: So Units Batch mg/Kg-dry %Rec %Rec	DF DF ID: 433 1 1 1	Date Analyzed 353 Analyst: SK 3/22/2024 5:56:32 PM 3/22/2024 5:56:32 PM 3/22/2024 5:56:32 PM
Client Sample ID: NS-05-POL Analyses Organochlorine Pesticides by Dieldrin Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene Total Metals by EPA Method 60	Result EPA Method 80 0.203 106 136 020 126	0.0121 37 - 160 43.2 - 155		Matrix: So Units Batch mg/Kg-dry %Rec %Rec Batch mg/Kg-dry	Dil DF ID: 433 1 1 ID: 433	Date Analyzed           353         Analyst: SK           3/22/2024 5:56:32 PM           3/22/2024 5:56:32 PM



Work Order: 2403453 Date Reported: 4/1/2024

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Client:	SoundEarth Strategies, Inc.				Collection	Date: 3	25/2024 8:55:00 AM
Project:	North Substation Property						
Lab ID:	2403453-001				Matrix: So	lic	
<b>Client Sa</b>	ample ID: NS-04-POLE01-01						
Analyses	5	Result	RL	Qual	Units	DF	Date Analyzed
Organo							
Dieldrin	chlorine Pesticides by EPA I	ND	0.00995			n ID: 434	
Dieldrin	<u>chlorine Pesticides by EPA I</u> Moisture (Percent Moisture)	ND			mg/Kg-dry		3/28/2024 1:07:07 PM

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		3600 Fremont Ave N. Seattle, WA 98103	nt Ave N. A 98103	Chain of Custody Record	Chain of Custody Record & Laboratory Services Agreement	eement
Analytical	itan	Tel: 206-352-3790 Fax: 206-352-7178	352-3790	Date: 03119124	of: 5 Laboratory Project No (internal): 24033	33.36
				Project Name: North Substation Property	Special Remarks: Direct Bill to Seattle City Light	
dient: SoundEarth Strategies, Inc./SCL	s, Inc./S	CL	TANK TANK	Project No. 1267-004	scl_apinvoice@seattle.gov	
Address: 1011 SW Klickitat Way, Suite 212	lay, Suite	3 212	A STATE OF STATE OF STATE	Collected by: By annon Bath	-SCL Project Manager. Jen Kindred	
dry, state, zip: Seattle, WA 98134	34			Location: 7500 8th Avenue NE, Seattle, WA		
Telephone: 206-306-1900	And			Report To (PM): Clare Tochilin	Sample Disposal: Return to cliente 🐹 nun	Thermost for fact referse 20 struct
Fax: 206-306-1907			· · · ·	PM Enail: Ctochilin@soundearthinc.com		Ichen ne musi ne ta me
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Sample Name	Sample	Sample Time	Type # of [Matrix)* Cont.			
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N5-02-VEROI-02		0845			Flett	
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NS-02-VERAI-03		0846			Hold	
N5-02-VEN02-01		1114		×	X	
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N5-02-VER02-02		1119			Hala	
· 115-02-VER02-2.5		1120			E CIT	
10 N5-02-VER02-03		1122	_		Hald	
matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other		P = Product (S = Soil) SD = Sediment,	Soil) SD = S	Sediment, St = Solid, W = Water, DW = Drinking Water, GW = Ground Water,	SW = Storm Water, WW = Waste Water	Turn-around Time:
**************************************	Priority Pollutants	ants TAL	Individu	A& AI As B Ba Be Ca Cd Co Cr	Sb Se Sr Sn Ti 11 V Zn	dard 🗌 Next Day
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* D. V. W. W. W. R. P. M. Relinquished (Signature)	Brint Name	Brennin Barher	Sather	03/14/24/1655	PUTAING PENGART 3	1101 165
				vator rine Received (Signature) x	Print Name Date/Time	

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		Tel: 206-352-3790	Date: ()3) M/24 Page: 2 of: 5 Loborato	
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dient: SoundEarth Strategies, Inc./SCL	Inc./SCL		A CONTRACT OF A	sol_apinvoice@seattle.gov
Address: 1011 SW Klickitat Way, Suite 212	y, Suite 212		eron Barton	SCL Project Manager: Jen Kindred
ciry, state, zip: Seattle, WA 98134			teaster: 7500 8th Avenue NE, Seattle, WA	
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dient: SoundEarth Strategies, Inc./SCL	Inc./SC			Project No: 1267-004	science of the second of the second sec	7£ 9
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Fax: 206-306-1907				PM Email: ctochilin@soundearthinc.com		
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Fremont		3600 Fremont Ave N. Seattle, WA 98103		Chain of	Chain of Custody Record	00	Laboratory Services Agreement	s Agreement	
		Tel: 206-352-3790 Fax: 206-352-7178		Date 03/19/24	Page:	<del>از</del>	Laboratory Project No [internal]:	24083 W	38
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Address: 1011 SW Klickitat Way, Suite 212	, Suite 212	STATES STREET, STRE	Collecter	Collected by: Rul I mari	allotte		SCL Project Manager: Jen Kindred	n Kindred	Pad
city, state, Zip: Seattle, WA 98134			Location	Location: 7500 8th Avenue NE,	venue NE, Seattle, WA				
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### Sample Log-In Check List

1

Client Name: SES	Work Order Num	per: 2403394	1	
Logged by: Morgan Wilson	Date Received:	3/21/202	24 3:35:00 PM	
Chain of Custody				
1. Is Chain of Custody complete?	Yes 🗹	No 🗌	Not Present	
2. How was the sample delivered?	Client			
<u>Log In</u>				
<ol> <li>Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)</li> </ol>	Yes	No 🗌	Not Present 🗹	
4. Was an attempt made to cool the samples?	Yes 🖌	No 🗌		
5. Were all items received at a temperature of >2°C to 6°C *	Yes 🗹	No 🗌		
6. Sample(s) in proper container(s)?	Yes 🔽	No 🗌		
<ol><li>Sufficient sample volume for indicated test(s)?</li></ol>	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 🗌		
<u>Special Handling (if applicable)</u>				
16. Was client notified of all discrepancies with this order?	Yes	No 🗌	NA 🗹	
Person Notified: Date:	<b></b>			
By Whom: Via:	and the second s	one 🗌 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

	36	ont ave N.	Chiam of Cus	Chain of Custody Record & Laboratory Services Agreement	vidiuity services	VBI CCIICII
		seattie, WA 98103 Tel: 206-352-3790	Date: 03 21/24	Page: 1 of: 3	Laboratory Project No (internal):	24103394
	Far: 20	Fax: 206-352-7178	Project Name: North Substation Property	erenteren er en en er en er	Special Remarks: Direct Bill to Seattle City Light	, in the second s
dient: SoundEarth Strategies, Inc./SCL	s, Inc./SCL		Project No: 1267-004		scl. apinvoice@seattle.gov -Include PRN# (TBD)	
Address. 1011 SW Klickitat Way, Suite 212	ay, Suite 212		Collected by Bulling	Make	-SCL Project Manager: Jen Kindred	Kindred
city, state, zip: Seattle, WA 98134	4		toration: 7500 8th Avenue NE, Seattle, WA	NE, Seattle, WA		
Telephone: 206-306-1900		and the state of t	Report to (PM): Clare Tochilin	Ļ	Sample Disposal: 🗍 Return to client	nt 🔀 Disposal by (ab (after 30 days)
Fax: 206-306-1907			PM Email: ctochilin@soundearthinc.com	arthinc.com		
			43231 (3953			
Sample Name	Sample Sample Date Tune	pie Type e (Matrix)*	# of 100, 200, 200 00 00 00 00 00 00 00 00 00 00 00 00	1000 000		Contratentes
.N5-05-VER01-02	1321124 Have	12		X	Fample T	Inc MOH
2 N5-05-UERUI-2.5	1 1906	6			Had	
3 N/5-05-VEROI-03	1408	8			Hold	
. N5-05-VER01-3.5	01 1:1	2			Haf	
* N5-05-VEROI-04	11.2	~			Hold	
· N5-06-VER02-02	1348	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		X		
· N5-05-VER02-25	04E1	0			Hald	
* NS-US-VER02-03	1352	64			Held	
· N5-05-VER02-3435	1354	-			Hold.	
10 N5-05-VER02-03	1356	1			Hald	
us, 8 × Bulk,	O = Other, P = Product,	P = Product, (5 = Soil, SD = Sediment	, St = Solid, W = Water,	DW = Drinking Water, GW = Ground Water, SW =	= Storm Water, WW = Waste Water	Turn-around Time:
MICA-5 RCRA-8	Priority Pollutants I	IAL Individual	Ag Al As B Ba Be Ca Cd Co	Cr Cu Fe Hg K Mg Mn Mo Na N 60	Ash se sr sn Ti Ti V Zn	C Standard Next Day
***Anions (Circle): Nitrate Nitrite	Chloride Sulfate	ite Bromide	ide O-Phosphate Fluoride	Nitrate+Niteite		ame Dav
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	o enter into this Agr ad backside of this	reement with Agreement.	h Fremont Analytical on behalf c	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.	e verified Client's agreement	D 2 Day 24th 4 Lang
Relingentied (Signature)	Brennan	Beskr	Barefine Re Barefine Re	1 Janseusing Francisco	What Name Un Rew	Date/Tune
Relinquished (Signature) x	Print Name			Received (Signature) Prin A	Print Name Date	Date/Time
COC 1 3 - 11 08 20			www.fremont	www.fremontanalytical.com		Page 1 of 2

	360	3600 Fremont Ave N.	We N.		hain of	Chain of Custody Record & Laboratory Services Agreement	d & Labora	atory Service	s Agree	ment
		Seattle, WA 98103 Tel: 206-352-3790	98103 -3790	Date: 03	Date: 03 21 24	C :obed	et N L	P P Project No (internal): 200359 4	25012-1	450
				Project Nar	ne: North	Project Name: With Substation Property		Special Remarks:		
Client:				Project No:	0-42/1	5	6	See No. 1		
Address:	~			Collected b	"Bur	collected by Burnand about				
City, State, Zip:	A STATE OF A	a Berra Dewarden is erie (2 se d.een. hi		Location:	18 OUSE	Leater 2500 Sth Avenue, Seattle, MA				
Telephone:		and the state of the second second second	and a constant	Report To (	PMI-Clare	Tachin		Disposal: Samples will be disposed in 30 days unless atherwise requested Disposal: Samples will be disposed in 30 days unless atherwise requested	l in 30 days unless o e)	therwise requested In to client
Émail(s):					ctoch.	otechilin@ soundearthing.com				
					100	(5) (5) (5) (5) (5) (5) (5) (5)	100 100 100 100 100 100 100 100 100 100			
Sample Name	Sample Date	Sample	Sample Type	#of	100 EEV 2000					
-VER03-02	03 21 24	0		Vinnen			T X		COMPANY	6
215-05-VER03-2.5		1334	~	1				Hald		
» NS-05-VER03-03		1336						Hold		
·N5-05-VER03-3.5		1338						Hold		
5N5-05-VER03-04		1340						bleh		
·N5-05-VER09-62		1316				×	X	a la secondo		
1		13:6						Hald		
«N5-05-VER04-03		1320						H.0.14		
·N5-05-VER04-3.5		1322						Hald.		
10-105-VER04-04	_	1324	-1	-				Hold		
*Matrix: A = Air. AQ = Aqueous, B = Bulk, O	0 = 0 thet, $P = Product (5 = 5 all) SD = Sediment.$	oduct. 5 = 54	al SD = Se	siment. 51	= Solid, W = Wate	rr, DW = Drinking Water, GW = Gr	ound Water SW = Storn	Water, WW - Waste Water	Turn-	Turn-around Time:
MTCA-5 RCRA-8	Priority Pollutants	s IAL	Individua	A A A	s B Ba Be Ca C	<i>Individual</i> Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni (PD Sb Se Sr Sn Ti Ti V Zn	MO NA NI PD SA SA	Sr Sn Ti N Zn	C Standard	1 🗌 Next Day
*** Anions (Circle): Nitrate Nitrite	Chloride	Sulfate	Bromide		O-Phosphate Fluoride	ride Nifrate+Nitrite				C Same Dav
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 Chient's agreement to each of the terms on the front and backside of this Agreement.	enter into th	is Agreem.	ent with ement.	Fremont /	Analytical on <b>b</b>	ehalf of the Client named at	bove, that I have ver	fied Chent's agreement		CHAR (1 Day
* Dennald (signature)	Print Name	Bac	sha	Date/Time	21/24/1535	Received (Signature)	1 Print Name	16.600.	Date/Time 3/21/24	1525
Relinquished (signature) ×	Print Name		4	Date/Tume	Received and Received and and and and and and and and and an	Received (Signature)	Print Name		Date/Time	
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the mont		3600 Fremont Ave N.	Ive N.		Chain of	Custody Re	scord & La	Chain of Custody Record & Laboratory Services Agreement	ces Agreen	nent
	n	cattle, WA 98103 Tel: 206-352-3790	-3790	Date: C	Date: 03/21/24	Page:	\$ *	Labaratory Project No (internal):	Erral; 2403394	he
	a contractor			Project N	ame: North S	PROJECT Name: North Substitution Property			Ţ	
Clent:	A second s	And a state of the second s		Project N	Project No: 1267 -004	04	•	See PG	1	
Address:		at advance (the second	arnandan opri tyku op	Collected	Collected by: Rullin Marchan	Racharg				
City, State, Zip:	An chan begin en esta, in cataoù agoù esta a tago	10000000000000000000000000000000000000		Location	Lacation: 7500 8th Avenue		Seattle WA			
Telephone: SC	and an and a second	*******		Report To	IPMIE CLARE	Report To PMIS CLARE TO Chillin			Disposal: Samples will be disposed in 30 days unless otherwise requested Retain volume (specify abave) Return to shem	rwise requested. Is shent
Email(s):					ctochil	Inesounder	irthing, con			
					ACC I COM	252 0 201 201 201 201 201 201 201 201 201	Control Contro			
Sample Name	Sample Date	Sample Time	Sample Type #of (Matrix)* Cont.		1947 - 1949 - 19	2433 SA	100 100 100 100 100 100 100 100 100 100	(internet in the second	Comments	
INS-05-VEROS-02	03/21/24	1300	Seil	_			X			
2 N5-05-VEROS - 2.5	-	1302	-	-				Hold		
3 NS- 05-VEROS -03	1	304						Held		
NS-05-VEROS-3.5	-	1306						PIOH		
SNS-05-VEROS-04		1308						Held		
6N5-05-VER06-02		1246				×	×			
, NS - 05 - VERO6 -2.5		8121						PIOH		
«NS-05-VER06-03	-	1250						PIOH		
, NS - OS - VE RO6-35	_	1252						PIH		
NS-OS-VERCE-OH		1254	-1	_				PIOH		
•Matrix: A = Air, AQ = Aqueous, B = Bulk, Q = Other, P = Product. (S = Soil) SD = Sedment. SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water	- Other, P = Prod	loct, S = 50	1) SD = 50	dment, \$	d Solid, W = Water	, DW = Drinking Water,	GW = Ground Water, SV	/ = Storm Water WW = Waste Water		Turn-around Time:
MTCA-5 RCRA-8	Priority Pollutants	TAL	Individua	L Ag Al	As 8 Ba 8e Ca Cd	I Co Cr Cu Fe Hg K	Mg Mn Mo Na Ni Pi	Individual: Ag Al As & Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Ti V Zn	O Standard (	O Next Day
***Anions (Circle): Nitrate Nutrite	Chloride	Sulfate	Bromide	d-0	O Phosphate Fluoride	de Nitrate-Mitrite			D 3 Dav	Same Dav
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.	enter into this I backside of (	Agreeme bis Agree	nt with ment.	Fremont	Analytical on be	half of the Chem na	med above, that I h	ve verified Client's agreen	Ved 2 D	Zy hr (1 day)
Religenshed (Signature)	Prey Name DHENNUM	nan	Secht.	ate/Time 03/2	0ate/Time 4 03/21/24/1535	Received (Signature)	7	Print Name Clarke	Date/Time	1335
Relinquished (Signature)	Prim Name		2	Date/Tune		Received (Signature) ×			+	
COC 13-110620					www.frem	www.fremontanalytical.com	com			

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### Sample Log-In Check List

1

Client Name: SES	Work Order Nurr	nber: 2403395	7	
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	×			
<ol> <li>Custody Seals present on shipping container/coole (Refer to comments for Custody Seals not intact)</li> </ol>	r? Yes 🗌	No 🗌	Not Present 🗹	
4. Was an attempt made to cool the samples?	Yes 🖌	No 🗌		
5. Were all items received at a temperature of >2°C t	oo6°C * Yes ✔	No 🗌		
6. Sample(s) in proper container(s)?	Yes 🖌	No 🗌		
<ol><li>Sufficient sample volume for indicated test(s)?</li></ol>	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 Custod	y? Yes 🖌	No 🗌		
14. Is it clear what analyses were requested?	Yes 🖌	No 🗌		
15. Were all hold times (except field parameters, pH e.g be met?	g.) able to Yes 🗹	No 🗌		
Special Handling (if applicable)				
16. Was client notified of all discrepancies with this or	der? Yes 🗌	No 🗌	NA 🔽	
Person Notified:	Date:			
By Whom:	Via: 🗌 eMail 🗌 Ph	none 🗌 Fax [	In Person	
Regarding:		an ta an in the second seco		
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

		3600 Fremont Ave N.	Ave N.	Chain of Cusudy Record & Laboratory Services	vices Agreement	
		Tel: 206-352-3790 Eav- 3n6.352-3790	2.3790	Date 23/21/24 Page: 1 at: [' Laboratory Project No (internal):		
MANAMAN	TWO/	rak. kuo-3.	8/11/-70	orth Substation Property	e City Linhs	
dient: SoundEarth Strategies, Inc./SCL	s, Inc./SC	يسر		<ol> <li>A comparison of the period strends of the state of the st</li></ol>	atto.gov	
Address: 1011 SW Klickitat Way, Suite 212	ay, Suite	212		warborto	SCL Project Manager Jen Kindred	
cry. state, Zip: Seattle, WA 98134	4			Location: 7500 8th Avenue NE, Seattle, WA		
Telephone: 206-306-1900			All address of the second seco	Report to (pM); Clare Tochilin	tturn to client 💥 Disposal by lab (after 30 days)	
Fax: 206-306-1907				PM Email: ctochilin@soundearthinc.com		
Sample Name	Sample Date	Sample	Sample Type (MASHIV)	Contraction of the second s		
1/15-01- POLEDI-01	0312124	Paperson	2.1		Comments	
2 NS-01- PNEE02-01		1642	-			
3115-03-POLEDI-01		1321				
- N5-05-PXEDI-01	-	1101	-1			
4						
6			_			
normaniana a sura constructiva			1	BOB 22		
8				671762		
6						
10	_		-1			
urs, B = Bulk, (	3 = Other, P = F	Product, S =	1/ N	D = Sediment, St = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water	e Water Turn-around Time:	
1.1	Priority Pollutants		Individua	¥!	Standard Dext Day	
I represent that I am authorized to	cnorae ) enter into (	buitate his Agreen	Bromide nent with F	I represent that I am authorized to enter into this Agreement with Fremont Analytical on hehalf of the Client named above, that I have verified Client's acrossment	Ved E D	RUA
to cach of the terms on the front and backside of this Agreement.	nd backside	of this Age	'cement.		D 2 Day	4
Burrenberk burrenberk	Bren Name	Pennin (	Baha	Date/Time Date/Time Bace Date / Bant Name / Bant Name / Bate/Time / Bate/Time / Land Name / Land Name / Date/Time / Date/Time / Land Name	Date/Time 1535	
×					Date/Time	
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### Sample Log-In Check List

1

Client Name: SES	Work Order Num	ber: 2403453		
Logged by: Morgan Wilson	Date Received:	3/25/2024	4 3:19:00 PM	
Chain of Custody				
1. Is Chain of Custody complete?	Yes 🖌	No 🗌	Not Present	
2. How was the sample delivered?	Client			
<u>Log In</u>				
<ol> <li>Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)</li> </ol>	Yes 🗌	No 🗌	Not Present 🗹	
4. Was an attempt made to cool the samples?	Yes 🖌	No 🗌		
5. Were all items received at a temperature of >2°C to 6°C *	Yes 🗹	No 🗌		
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 🖌		
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:	: [	Now Internet Street		
By Whom: Via:	eMail 🗌 Ph	one 🗌 Fax	In Person	
Regarding:			and the second	
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

-momon	e	t Ave N.	Chain of Cu	Chain of Custody Record & Laboratory Services Agreement	ratory Services	s Agreement	
	Tel: 206-352-3790	52-3790	Date: 03125124	Page: 1 of: 1	Laboratory Project No (internal): 240345	: 2403453	1
	and the second se		Project Name: Northn Sul	Project Name: North Substation Roporty	special Remarks. O Prack Builton Jastiche Char Liante	de Crea Liant	Τ
Clent SoundFarth Stratenies	Inc. ISCL		Project No: 12/53-004		variables @soinvice	die wor	
Address: 1011 SW Hickehol Way, Surke 212	au. Suite 21	2	Callected by: Bri Manuer	Batton -	-include PRN# (TBD) "	Lentrik net :-	
City, State, 24: Seotelle, WA 78134	E.		Location: 7500 8th Au	100000 7500 8th Avenue NE, Seattle, WA	for an and and	000000000000000000000000000000000000000	
Telephone: 206 - 306 - 1400			REPORT TO (PM): CLATE TOCH IN	Joch I n	Oisposal: Samples will be disposed i Disposal: Samples will be disposed i Breatin volume (specify above)	Disposal: Samples will be disposed in 30 days unless otherwise requested. C Retain volume (specify above) C Return to cleent	<u> </u>
FOX 206-306-1407			PM Emul Ctach. 1 nO soundeuth.nc.com	burdeuthinc.com			Τ
				200 00 00 00 00 00 00 00 00 00 00 00 00			T
Sample Name	, Sample Sample Date Time	Sample Type [Matrix)*	Rot Cont. Control of State				
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•Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil SD = Sediment	Other, P = Product, 6 =	Soil SD - Se	St = Solid,	W - Water, DW = Drinking Water 6W = Ground Water, 5W = Storm Water, WW = Water	orm Water, WW = Waste Water	Turn-around Time:	T-
MTCA-5 RCRA-8	tants	Individuo	/ Ag Al As B Ba Be Ca Cd Co	individuoli Ag Al As Is Ba Be Ca Cd Co Cr Cu fe Hg K Mg Mn Mo Na Ni Pb Sb S	Se Sr Sn Ti Ti V Zn	Standard Dext Day	
Amons (Lirche): Natrate Natrite	Chloride Sulfate	Bronude	o O Phosphate Fluoride	Nitrate+Nitrde		O 3 Day O Same Day	
1 represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	ater into this Agreen backside of this Agr	nent with rement.	Fremont Analytical on behalf	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.	erified Client's agreement		
d [Signature]	DEPUTATION	Buha	Nernan Barker 13/25/24/1519 .	PA M - B	Bella	3/34	0
Relifiquistied (Signat di é)	Print Name	G	Date/Time A	ed (Signature)	Print Name Date	1	T
COC 13-11 06 20			www.fremon	www.fremontanalytical.com		and the second se	٦ <u>-</u>

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### Sample Log-In Check List

1

Client Name: SES		Work Order Num	ber: 2403314	and the second	
Logged by: Morg	an Wilson	Date Received:	3/18/2024	3:23:00 PM	
Chain of Custody	1		al the second second		
1. Is Chain of Custody	complete?	Yes 🗹	No 🗌	Not Present	
2. How was the sample	e delivered?	Client			
<u>Log In</u>					
	nt on shipping container/cooler? for Custody Seals not intact)	Yes	No 🗌	Not Present 🗹	
4. Was an attempt mac	le to cool the samples?	Yes 🖌	No 🗌		
5. Were all items receiv	red at a temperature of >2°C to 6°C *	Yes 🖌	No 🗌		
6. Sample(s) in proper	container(s)?	Yes 🖌	No 🗌		
7. Sufficient sample vol	ume for indicated test(s)?	Yes 🖌	No 🗌		
8. Are samples properly	/ preserved?	Yes 🖌	No 🗌		
9, Was preservative ad	ded to bottles?	Yes 🗌	No 🖌		
10. Is there headspace ir	n the VOA vials?	Yes	No 🗌	NA 🗹	
11. Did all samples conta	iners arrive in good condition(unbroken)	?Yes 🗹	No 🗌		
12. Does paperwork mat	ch bottle labels?	Yes 🖌	No 🗌		
13. Are matrices correctly	y identified on Chain of Custody?	Yes 🔽	No 🗌		
14. Is it clear what analys	ses were requested?	Yes 🖌	No 🗌		
15. Were all hold times ( be met?	except field parameters, pH e.g.) able to	Yes 🖌	No 🗌		
Special Handling (it	applicable)				
16. Was client notified o	f all discrepancies with this order?	Yes	No 🗌	NA 🖌	
Person Notified	i: c	Date:	wii.c		
By Whom:		ana ana ang ang ang ang ang ang ang ang	one 🗌 Fax 🛛	In Person	
Regarding:					
Client Instruction	ons:				
17. Additional remarks:					
Item Information					

Item #	ŧ	Temp °C
Sample		5.1

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

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	ĕ	3600 Fremont Ave N.	Ave N.	Chai	in of Cu:	Chain of Custody Record	& Labor	& Laboratory Services Agreement	ces Agree	ment	
		Tel: 206-352-3790		Date: 03 [3] 24	24	Page:	of: 2	Laboratory Project No (internal): 240	P165012	14	
Analytical	cal	Fax: 206-352-7178		Project Name: N	lorth Substa	۷		Special Remarks: Direct Bill to Seattle D	ity I inht		
dient. SoundEarth Strategies, Inc./SCL	, Inc./SC			Project No: 1267-004	37-004	na na mana mana mana na mana na mana na mana na mana na mana na	Commenced and Contraction of the	scl_apinvoice@seattle.gov -Include PRN# (TRD)	e.gov		
Address: 1011 SW Klickitat Way, Suite 212	ty, Suite	212		collected by:	Collected by: Der Inn 1991	Boten		SCL Project Manager: Jen Kindred	r: Jen Kindred		
ctry, state, zip: Seattle, WA 98134	<b>1</b>			Location: 7500	) 8th Avenu	Location: 7500 8th Avenue NE, Seattle, WA					
Telephone: 206-306-1900				Report To (PM); (	Report To (PM): Clare Tochilin			Sample Disposal: CReturn to chent		X Disposal by lab (after 30 days)	
Fax: 206-306-1907				PM tmalt: ctocl	hilin@sound	hinc.cor					
					1000 000 000 000 000 000 000 000 000 00		600 00 00 00 00 00 00 00 00 00 00 00 00		Update per BB 3/18/24 I R	BB	
Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Joc Cont.	6. A. 10.	2 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	States (C)				
1. NS WEP NO-DI-VERDI-OR DS/10/24	03/10/24	1238	50.1		N.				Comments	8	
2 N5-01-VER01-2:5	-	1249	_				X	3 samp	samples for Dieldrin. Remaining	n. Remaining	
3 N5-01-VERO1-03		1300					8	Samula	Samnlas to he placed on hold	d on hold	
· 115-01-VEROI-3.5		1308		1			×			מ מון וומומי	
5 M5-01-VEROI-04		6161					4				
6 NS-01-VER02-02		1334		pareis			×				
2 MS - 01 - VER02 - 2.5		1339					8				
· N5-01-VER02-03		1343		words			X				
·NS-01-VER02-3.5		9HG1					2				
10 NK-31-NER02-04		1350	_								
*Matrix: A = Air, AQ = Aqueous, B = Bulk, Q = Other, P = Product, (S = Soli) SD = Sediment,	) = Other, P =	Product, (5 = 5	ion SD = Se	diment, S1 = Solid,	8	W = Water, DW = Drinking Water, GW = Ground Water,		SW = Storm Water, WW = Waste Water		Turn-around Time:	
MTCA-5 RCRA-8	Priority Poliutants	nts TAL	Individual: Ag Al	Ag Al As B Ba	Ba Be Ca Cd Co	Cr Cu Fe Hg K Mg Mn	Mo Na Ni Po Sb	Se Sr Sn Ti Ti V Zn	C Standard	d 🗌 Next Day	
***Anions (Circle): Nitrate Nutrite	Chloride	Sulfate	Bromtde	O Phosphate	te 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.	enter into t id backside	his Agreen of this Agr	tent with eement.	renont Analy	ytical on behalf	f of the Client named abov	e, that I have ye	rified Client's agreen		15	Pre
Relinguished (Signature)	Print Name	HAMA	2 acher	Date/fime	33/18/24/1523×4	Received (Signature)	ANUNCER 1	Print Name	Date/Time St K/72	1523	1
Rehridนเร้าควี (Signature) X	Print Name		Ы	Date/Fime		Received (Signature) x	Print Name	ame			
COC 1 3 · 11,06.20				WW	vw.fremon	www.fremontanalytical.com	of products in the product of the later of t				2

age 1 of 2

	3600 Fremont Ave N.	Chain of Custody Booord 8 1-1-	
	Seattle, WA 98103 Tel: 206-352-3790		C Laboratory Services Agreement
Analytical Fax: 20	Fax: 206-352-7178	1 Substation Pronortu	Special Remarks.
dient: SoundEarth Strategies, Inc./SCL			Direct Bill to Seattle City Light scl. apinvoice@seattle.gov
Address: 1011 SW Klickitat Way, Suite 212	and a second sec	walker	Include PRN# (TBD) -SCL Project Manager Jen Kindred
city, state, zip: Seattle, WA 98134		Location: 7500 8th Avenue NE. Seattle, WA	
Telephone: 206-306-1900		Contraction of the second s	Sample Disposati 🗍 Return in cloim 😿 n-n-n-n
Fax: 206-306-1907	and the second se	hinc.com	
		1 /3)	
Sample Name Date Time	sample Sample a of Type a of me (Matrix)* Cont.		
1 NS-01 - VER03-02 03/18/24/1415	1	A to the here here here here here here here	3 samples for Dialdrin Remaining
2 ANS-OI-VER03-2.5 1 144			
3 N5-01- UER03-03 1421	21 1		Samples to be placed on hold.
8	+		
л		RND AND	
φ		400 031	
3		125	
60 4			
5			
*Matrix: A = Arr. AQ = Aqueous, B = Bulk. D = Other. P = Product C = Concer-e-d	C C C C C C C C C C C C C C C C C C C		/
MTCA-5 RCRA-8	TAL Individual	3L = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm As 8 Ba Be Ca Cd Co Cr Cu Fe He K Me Mm MA NA NA AN ALCO	WW = Waste Water
***Anions (Circle): Nitrate Nitrite Chloride Sulfate	ate Bromide	0 Photphate fluoride Nitrate-Nitrite	-
I represent that I am authorized to enter into this Agreement wit to each of the terms on the front and backside of this Agreement.	reement with   Agreement,	t 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.	
Relignarshed (signature) * 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1	Beek	Date/Time Prost Name Prost Name	U2 Day (welly)
ASIEN MALA	0	Date/Time Print Received (Signature) Print Name	Date/Time
COC 1 3 - 11 05 20		www.fremontanalytical.com	

Page 1 of 2
# APPENDIX F WASTE DISPOSAL DOCUMENTATION



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ph: 206 763 5025

Reprint Ticket# 190644

Custome Ticket		TITANE 03/18/		142360OR	TITAN	Carrier Vehicle#	SELF : 70	HAULER	*	Volume	
Payment	: Type	Credit	Account			Container					
Manual	Ticket#					Driver	BILL				
Route						Check#					
Hauling	g Ticket	#				Billing#	00009	14			
Destina	ation					Grid					
PO#	14236	00r									
Т	lime		2	Scale	Oj	perator		Inbour	nd	Gross	61820 lb
In 03	8/18/202	4 12:2	6:25 SC	CALE 1	ga	ltheim				Tare	44200 lb
Out 03	8/18/202	4 12:5	9:00 SC	CALE 1	ga	ltheim				Net	17620 lb
										Tons	8.81

Comments VENTALATION POWER-GA

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3 4	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON	100 100 100 100	8.81	Tons % % Tons	Vactor 7	Fruck		KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

BUZA

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 W	70# 53-066
JOB NAMESCL Remidie	ation (Substation	
service address $_{2500}$ 8	1- Ave NE Sec	Hle
BILL TO THAN		
Purchase Order# <u>24/3</u> Person to Contact <u>Derek</u> Vehicle# <u>A A probabo</u> Support Vehicle <u>Mo</u> #Extra Workers <u>Derek</u> #Extra Workers <u>Derek</u> #Extra Workers <u>Derek</u> Time at site <u>A GM</u> Other <u>E E Deset Steenformt in Uthegin</u> Safety <u>A GS &amp; Manual Megin</u> Disposal Site: <u>A GS &amp; Manual Megin</u> WORK DESCRIPTION: <u></u>	<u>QTY:</u>	S254
- H/Jro et to	locate Ot. lities	
Work Hours: DATE LEFT SHOP ARRIVED JOB	LEFT JOB ARRIVED SHOP	DRIVER HELPER
	<u></u>	
SALES PERSON 3/14/24	CUSTOMER SIGNATURE	Perde Shornen



Original Ticket# 190655 Ph: 206 763 5025

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1		id Oth-Tom	ns-S 100	21.13	Tons				KING
Proc	duct		LD%	Qty	UOM	Rate	Tax	Amount	Origin
Comn	ments ABLE	-GA						Tons	21.13
Out	03/19/2024	09:23:31	SCALE 1	ga	ltheim			Net	42260 lb
In	03/19/2024		SCALE 1		ltheim			Tare	44220 lb
	Time		Scale	0	perator		Inbound	Gross	86480 lb
PO#	1422630	R							
	tination				Grid	0000001	5		
Rout	te AK ling Ticket#				Check# Billing#	000091	3		
	ual Ticket#				Driver	RANDY			
	· · · · · · · · · · · · · · · · · · ·	edit Acco	unt		Container				
Ticl	ket Date 03	/19/2024			Vehicle#	26ABLE		Volume	
Cust	tomer Name TI	TANEARTHW	ORK 1422630R	TITAN	Carrier	SELF H	AULER *		

1	Spwaste Solid Oth-Tons-S	100	21.13	Tons	
2	ENERGY-Energy Surcharge	100		00	
3	WWM-P-Waste Water Manage	100		90	
4	GONDOLA T-GONDOLA TON	100	21.13	Tons	

Total Tax Total Ticket KING KING KING

Driver`s Signature 5

WASTE WANAGERENDTLE, WA, 98134			Ph: 206		Origina Ticket#		
Customer Name TITANEARTHWORK 14 Ticket Date 03/19/2024 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 1422630R	12263OR T:	(       	Carrier Vehicle# Container Driver Check# Billing# Grid	SELF HAU 26ABLE RANDY 0000913	LER *	Volume	
Time   Sca     Time   Sca     In   03/19/2024   11:42:46   SCAI     Out   03/19/2024   11:42:46   SCAI     Comments   ABLE-GA   ABLE-GA   ABLE-GA		galt	erator theim theim	In	bound	Gross Tare Net Tons	89740 lb 44220 lb 45520 lb 22.76
Product	LD% Qt	ty	UOM	Rate	Tax	Amount	Origin
2 ENERGY-Energy Surcharge	100 100	2.76	Tons % % Tons				KING

ha Driver`s Signature



Reprint Ticket# 190671 Ph: 206 763 5025

Customer Name TITANEARTHWORK 142 Ticket Date 03/19/2024 Payment Type Credit Account Manual Ticket#	360OR TITAN	Carrier Vehicle# Container Driver	SELF HAULER 26ABLE RANDY	* Volume	
Route AK Hauling Ticket# Destination PO# 1423600R		Check# Billing# Grid	0000914		
Time Scal In 03/19/2024 13:49:30 SCALE Out 03/19/2024 13:49:30 Comments ABLE-GA	1 ga	perator ltheim ltheim	Inbour	nd Gross Tare Net Tons	89080 lb 44220 lb 44860 lb 22.43
Product	LD% Qty	UOM	Rate Tax	Amount	Origin
2 ENERGY-Energy Surcharge 1 3 WWM-P-Waste Water Manage 1	22.43 20 20 20 20 22.43	Tons % % Tons			KING

ENERGY-Energy Surcharge 100 WWM-P-Waste Water Manage 100 GONDOLA T-GONDOLA TON 100 ' <u>8</u> 22.43 Tons

pm

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Total Tax Total Ticket

Driver`s Signature



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Reprint Ticket# 190687 Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR TITAN Carrier SELF HAULER \* Ticket Date 03/19/2024 Payment Type Credit Account Vehicle# 26ABLE Volume Container Manual Ticket#\_\_\_\_\_ Driver RANDY Route AK Check# Hauling Ticket# Billing# 0000913 Destination Grid PO# 142263OR Time Scale Operator Inbound Gross 89080 lb 03/19/2024 13:49:30 SCALE 1 GALTHEIM In Tare 44220 lb Out 03/19/2024 13:49:30 GALTHEIM Net 44860 lb 22.43 Tons Comments ABLE-GA REPLACEMENT TICKET FOR TICKET Nbr 190671

Pro	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3 4	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON	100 100 100 100	22.43 22.43	Tons % % Tons				KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

Alaska S	Street
70 S <sub>o</sub> Ala waste manageScattle,	wA, 98134

Ticket# 190671 Ph: 206 763 5025

Customer Name TITANEARTHWORK 1423 Ticket Date 03/19/2024 Payment Type Credit Account Manual Ticket#	600R TITAN Carrier Vehicle# Container Driver	SELF HAULER * 26ABLE RANDY	Volume	
Route AK Hauling Ticket# /4/22/630 PO# 1423600R	OR Grid	0000914		
Time     Scale       In     03/19/2024     13:49:30     SCALE       Out     03/19/2024     13:49:30     SCALE       Comments     ABLE-GA     ABLE-GA     ABLE-GA	-1	Inbound	Gross Tare Net Tons	89080 lb 44220 lb 44860 lb 22.43
Product L	D% Qty UOM	Rate Tax	Amount	Origin
1Spwaste Solid Oth-Tons-S102ENERGY-Energy Surcharge103WWM-P-Waste Water Manage10	0 %			KING

22.43 Tons

Total Tax

Total Ticket

Void Reprint

m Driver`s Signature

GONDOLA T-GONDOLA TON

4

Mong Profile-R.P- 190687

100

	Alaska Street 70 S. Alaska Street Managementle, WA, 98134	
	Alaska Street	
	70 SeAlaska Street	
WASTE	MANAGERGADTLE, WA, 98134	

Reprint Ticket# 190686 Ph: 206 763 5025

Tic Pay	stomer Name TITANEARTHWORK ( sket Date 03/20/2024 ment Type Credit Account nual Ticket#	422630R	TITAN	Carrier Vehicle# Container Driver	SELF H 26ABLE RANDY	AULER *	Volume		
Hau	nte AK nling Ticket# stination 1422630R			Check# Billing# Grid	000091	3			
In Out	Time Sc 03/20/2024 09:09:19 SCA	ale ALE 1	GAÌ GAI	Derator STHEIM STHEIM		Inbound	Gross Tare Net Tons	93120 44220 48900 24.	lb lb
Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origi	.n
1 2 3	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage	100 100 100	24.45	Tons % %				KING	

4 GONDOLA T-GONDOLA TON 100 24.45 Tons

Driver`s Signature



Original Ticket# 190695 Ph: 206 763 5025

Tick Paym	omer Name TITANEARTHWORK 1 et Date 03/20/2024 ent Type Credit Account al Ticket#	.422630R	TITAN	Carrier Vehicle# Container Driver	SELF H 26ABLE RANDY	AULER *	Volume	
	e AK ing Ticket# ination 1422630R		•	Check# Billing# Grid	000091	3		
In Out Comm	Time Sc 03/20/2024 11:55:25 SC 03/20/2024 11:55:25	ale LE 1	GAÌ	perator LTHEIM LTHEIM		Inbound	Gross Tare Net Tons	93920 lb 44220 lb 49700 lb 24.85
Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage	100 100 100	24.85	Tons % %	14 262 262 262 264 264 266 266			KING KING KING

. М. - М.

3WWM-P-Waste Water Manage100%4GONDOLA T-GONDOLA TON10024.85Tons

Total Tax Total Ticket

KING

Driver's Signature

WA	Alaska Street .70 S.Alaska Street STE WANAGEMBADTIE, WA, 98134

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в.

Reprint Ticket# 190703 Ph: 206 763 5025

Tick Paym	omer Name TITANEARTHWORK et Date 03/20/2024 ent Type Credit Account al Ticket#	1422630R	TITAN	Vehicle# Container Driver	SELF H 26ABLE RANDY	IAULER *	Volume	
Dest	e AK ing Ticket# ination 1422630R			Check# Billing# Grid	000091	.3		
PO# In Out Comm	Time	cale ALE 1	GAÌ	cerator LTHEIM LTHEIM		Inbound	Gross Tare Net Tons	91160 lb 44220 lb 46940 lb 23.47
Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage	100 100 100	23.47	Tons % %				KING KING KING

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WWM-P-Waste Water Manage 100 % GONDOLA T-GONDOLA TON 100 23.47 Tons 3 4

Total Tax Total Ticket

KING

Driver`s SignatureMM



Original Ticket# 190711 Ph: 206 763 5025

#### Customer Name TITANEARTHWORK 1422630R TITAN Carrier SELF HAULER \* Vehicle# 26ABLE Volume Ticket Date 03/21/2024 Payment Type Credit Account Container Manual Ticket# Driver RANDY Check# Route AK Billing# 0000913 Hauling Ticket# Grid Destination 1422630R PO# 91340 lb 44220 lb Inbound Gross Operator Time Scale 03/21/2024 09:09:42 SCALE 1 GALTHEIM Tare In Net 47120 lb GALTHEIM Out 03/21/2024 09:09:42 23.56 Tons ABLE-GA Comments UOM Rate Tax LD% Qty Amount Origin Product

1	Spwaste Solid Oth-Tons-S	100	23.56	Tons	KING
2	ENERGY-Energy Surcharge	100		00	
3	WWM-P-Waste Water Manage	100		90	
4	GONDOLA T-GONDOLA TON	100	23.56	Tons	

Driver`s Signature

Alaska Street
70 S Alaska Street
waste manageReattle, WA, 98134

Original Ticket# 190719 Ph: 206 763 5025

Customer Name TITANEARTHWO Ticket Date 03/21/2024 Payment Type Credit Accou Manual Ticket#		R TITAN	Vehicle# Container Driver	26ABLE	AULER *	Volume	
Route AK Hauling Ticket#			Check# Billing#	000091	3		
Destination			Grid	000001	0		
PO# 1422630R							
Time	Scale		perator		Inbound	Gross	90940 lb
In 03/21/2024 11:57:43	SCALE 1		LTHEIM			Tare	44220 lb
Out 03/21/2024 11:57:43		GA	LTHEIM			Net	46720 lb
Comments ABLE-GA						Tons	23.36
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin

1	Spwaste Solid Oth-Tons-S	100	23.36	Tons	KING
2	ENERGY-Energy Surcharge	100		00	
3	WWM-P-Waste Water Manage	100		00	
4	GONDOLA T-GONDOLA TON	100	23.36	Tons	

h Driver`s Signature 5

# Alaska Street 70 S<sub>o</sub>Alaska Street WASTE MANAGESeabtle, WA, 98134

#### Original Ticket# 190714 Ph: 206 763 5025

Customer Name Ticket Date Payment Type Manual Ticket Route AK	03/21/2024 Credit Accou		TITAN Carrier Vehicle# Container Driver Check#	SELF HAULER * 003COPE TIM	Volume	
Hauling Ticket Destination PO# 14220			Billing# Grid	0000913		
Out 03/21/202	24 10:00:57 24 10:06:14 DPE-GA	Scale SCALE 1 SCALE 1	Operator GALTHEIM GALTHEIM	Inbound	Gross Tare Net Tons	59760 lb 32080 lb 27680 lb 13.84

I	?roduct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	51 5	100 100 100 100	13.84 13.84	Tons % % Tons				KING KING KING KING

Driver`s Signature



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Reprint Ticket# 190722 Ph: 206 763 5025

Customer Name TITANEARTHW Ticket Date 03/21/2024		Vehicle#	SELF HAULER * 003COPE	Volume	
Payment Type Credit Accou Manual Ticket#	int	Container Driver	TIM		
Route AK		Check#			
Hauling Ticket#		Billing#	0000913		
Destination		Grid			
PO# 142263OR					
Time	Scale	Operator	Inbound	Gross	65420 lb
In 03/21/2024 12:46:56	SCALE 1	GALTHEIM		Tare	32080 lb
Out 03/21/2024 12:46:56		GALTHEIM		Net	33340 lb
				Tons	16.67
Comments COPE-GA					

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3 4	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON		16.67	Tons % % Tons				KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

72.0

Alaska S	treet
70 S.Ala WASTE MANAGESeastle,	

Original Ticket# 190744 Ph: 206 763 5025

Customer Name TITANEARTHWORK 142263OR Ticket Date 03/25/2024 Payment Type Credit Account	TITAN Carrier Vehicle# Container	SELF HAULER * 26ABLE	Volume	
Manual Ticket#	Driver	RANDY		
Route AK Hauling Ticket#	Check# Billing#	0000913		
Destination	Grid			
PO# 142263OR				
Time Scale	Operator	Inbound	Gross	107300 lb
In 03/25/2024 10:13:59 SCALE 1	galtheim		Tare	44220 lb
Out 03/25/2024 10:13:59	galtheim		Net	63080 lb
Comments ABLE-GA	-		Tons	31.54

Proc	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3 4	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON	100 100 100 100	31.54 31.54	Tons % % Tons				KING KING KING KING

a de la constante de la consta

Driver`s Signature

Alaska Street 70 S <sub>@</sub> Alaska Street WASTE MANAGERGADTIE, WA, 98134	Ph: 206 7	Original Ticket# 190756 763 5025	
Customer Name TITANEARTHWORK 142263OR Ticket Date 03/25/2024 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 142263OR	Vehicle# 2 Container Driver R Check#	SELF HAULER * 26ABLE Volume RANDY 0000913	
Time Scale In 03/25/2024 13:23:30 SCALE 1 Out 03/25/2024 13:23:30 Comments ABLE-GA	Operator galtheim galtheim	Inbound Gross Tare Net Tons	99320 lb 44220 lb 55100 lb 27.55
Product LD%	Qty UOM R	Rate Tax Amount	Origin
1 Spwaste Solid Oth-Tons-S 100 2 ENERGY-Energy Surcharge 100	27.55 Tons %		KING

2ENERGI-Energy Succharge1003WWM-P-Waste Water Manage1004GONDOLA T-GONDOLA TON10027.55Tons

Total Tax Total Ticket

Driver`s Signature

and another

WAS	Alaska Street 70 S.Alaska St TE MANAGEGeatrile, WA, 9			Ph: 206	763 50		al # 190765	
Tick Paym Manu Rout Haul	omer Name TITANEARTHWO et Date 03/26/2024 ent Type Credit Accou al Ticket# e AK ing Ticket# ination 1422630R		R TITAN	Carrier Vehicle# Container Driver Check# Billing# Grid	26ABLE RANDY		Volume	
In Out Comm	Time 03/26/2024 09:53:03 03/26/2024 09:53:03 ents ABLE-GA	Scale SCALE 1	ga	perator ltheim ltheim		Inbound	Gross Tare Net Tons	93600 lb 44220 lb 49380 lb 24.69
Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	Spwaste Solid Oth-Ton ENERGY-Energy Surchard WWM-P-Waste Water Man	ge 100 age 100	24.69	Tons % %				KING KING KING

WWM-P-Waste Water Manage 100 % GONDOLA T-GONDOLA TON 100 24.69 Tons 3 4

Total Tax Total Ticket

KING

Driver`s Signature

Alaska Street 70 S.Alaska Street WASTE MANAGEREADTLE, WA, 98134		Ph: 206	763 502		190804	
Customer Name TITANEARTHWORK 142263OR TITAN CarrierSELF HAULER *Ticket Date03/27/2024Vehicle#26ABLEVolumePayment TypeCredit AccountContainerVanual Ticket#Vanual Ticket#Vanual Ticket#Vanual Ticket#Vanual Ticket#Manual Ticket#AKCheck#Vanual Ticket#Vanual Ticket#Vanual Ticket#Vanual Ticket#Vanual Ticket#Hauling Ticket#Billing#0000913Vanual Ticket#Vanual Ticket#Vanual Ticket#DestinationGridVanual Ticket#Vanual Ticket#Vanual Ticket#Vanual Ticket#DestinationGridVanual Ticket#Vanual Ticket#Vanual Ticket#P0#1422630RVanual Ticket#Vanual Ticket#Vanual Ticket#						
Time Scal In 03/27/2024 11:16:28 SCALE Out 03/27/2024 11:16:28 Comments ABLE-GA	E 1 GAI	Derator THEIM THEIM	Iı	nbound	Gross Tare Net Tons	99380 lb 44220 lb 55160 lb 27.58
Product	LD% Qty	UOM	Rate	Tax	Amount	Origin
2 ENERGY-Energy Surcharge 1 3 WWM-P-Waste Water Manage 1	100 27.58 100 100 100 27.58	Tons % % Tons				KING KING KING KING

Driver`s Signature \_\_\_\_

WAS	Alaska Street 70 S <sub>@</sub> Alaska Stree TE MANAGEBeabtle, WA, 9813			Ph: 206	763 502		al 190778	
Tick Paym Manu Rout Haul	omer Name TITANEARTHWORK : et Date 03/26/2024 ent Type Credit Account al Ticket# e AK ing Ticket# ination 1422630R	1422630R		Carrier Vehicle# Container Driver Check# Billing# Grid	SELF HA 26ABLE RANDY 0000913		Volume	
In Out	Time Sc 03/26/2024 13:26:05 SC	cale ALE 1	GAI	erator THEIM THEIM	]	Inbound	Gross Tare Net Tons	98040 lb 44220 lb 53820 lb 26.91
Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge	100	26.91	Tons				KING

3WWM-P-Waste Water Manage100%4GONDOLA T-GONDOLA TON10026.91Tons

Driver`s Signature 

Alaska Street 70 S <sub>o</sub> Alaska Street WASTE MANAGESBADT1e, WA, 98134	Ph: 206	Origina Ticket 763 5025	al # 190826	
Customer Name TITANEARTHWORK 1422630 Ticket Date 03/27/2024 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 1422630R	DR TITAN Carrier Vehicle# Container Driver Check# Billing# Grid	26ABLE RANDY	Volume	
Time     Scale       In     03/27/2024 14:41:17     SCALE 1       Out     03/27/2024 14:41:17       Comments     ABLE-GA	Operator GALTHEIM GALTHEIM	Inbound	Gross Tare Net Tons	101360 lb 44220 lb 57140 lb 28.57
Product LD%	Qty UOM	Rate Tax	Amount	Origin
1Spwaste Solid Oth-Tons-S1002ENERGY-Energy Surcharge1003WWM-P-Waste Water Manage1004GONDOLA T-GONDOLA TON100	28.57 Tons % % 28.57 Tons			KING KING KING KING

28.57 Tons

Total Tax Total Ticket

Driver`s Signature

2

Alaska Street 70 S.Alaska Street WASTE MANAGESteathtle, WA, 98134	Ph: 206	Origin Ticket 763 5025	al # 190787	
Customer Name TITANEARTHWORK 142263 Ticket Date 03/27/2024 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 1422630R	DR TITAN Carrier Vehicle# Container Driver Check# Billing# Grid	BRAD PUGSLEY	Volume	
Time Scale In 03/27/2024 09:35:22 SCALE 1 Out 03/27/2024 09:35:22 Comments BDS-GA TITAN EARTH	Operator GALTHEIM GALTHEIM * Manual Wei	Inbound ght	Gross Tare Net Tons	91800 lb* 47000 lb* 44800 lb 22.40
Product LD%	Qty UOM	Rate Tax	Amount	Origin
1Spwaste Solid Oth-Tons-S1002ENERGY-Energy Surcharge1003WWM-P-Waste Water Manage1004GONDOLA T-GONDOLA TON100	22.40 Tons % % 22.40 Tons			KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

60

Alaska Street	Original
70 S <sub>o</sub> Alaska Street	Ticket# 190818
WASTE MANAGESEADTIE, WA, 98134	Ph: 206 763 5025
Customer Name TITANEARTHWORK 142263OR	TITAN Carrier SELF HAULER *
Ticket Date 03/27/2024	Vehicle# 33BDS Volume
Payment Type Credit Account	Container
Manual Ticket#	Driver BRAD PUGSLEY
Route AK	Check#
Hauling Ticket# Destination PO# 1422630R	Billing# 0000913 Grid
Time     Scale       In     03/27/2024 12:22:58     SCALE 1       Out     03/27/2024 12:22:58     Comments     BDS-GA	OperatorInboundGross91760 lbGALTHEIMTare47000 lbGALTHEIMNet44760 lbTons22.38

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3 4	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON		22.38 22.38	Tons % % Tons				KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

A

Alaska Street 70 S.Alaska St WASTE MANAGESGADTLE, WA, S			Ph: 206	763 50		1 190829	
Customer Name TITANEARTHWC Ticket Date 03/27/2024 Payment Type Credit Accou		R TITAN	V Carrier Vehicle# Container	33BDS	AULER *	Volume	
Manual Ticket# Route AK			Driver Check#	BRAD P	PUGSLEY		
Hauling Ticket# Destination PO# 1422630R			Billing# Grid	000091	.3		
Time In 03/27/2024 15:32:58 Out 03/27/2024 15:32:58 Comments BDS-GA	Scale SCALE 1	GA	)perator ALTHEIM ALTHEIM		Inbound	Gross Tare Net Tons	79420 lb 47000 lb 32420 lb 16.21
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin

16.21 Tons

1Spwaste Solid Coll Tons S 10010.21Tons2ENERGY-Energy Surcharge100%3WWM-P-Waste Water Manage100%4GONDOLA T-GONDOLA TON10016.21Tons

Spwaste Solid Oth-Tons-S 100

Total Tax Total Ticket KING

Driver`s Signature

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BRAD P

Alaska Street 70 ScAlaska Street WASTE MANAGESBADtle, WA, 9813		Ph: 206	763 50		1 190858		
Customer Name TITANEARTHWORK Ticket Date 03/28/2024 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 1422630R	1422630R	X TITAN	Carrier Vehicle# Container Driver Check# Billing# Grid	26ABLE		Volume	
	cale ALE 1	GAI	perator LTHEIM LTHEIM		Inbound	Gross Tare Net Tons	100820 lb 44220 lb 56600 lb 28.30
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Spwaste Solid Oth-Tons-S 2 ENERGY-Energy Surcharge 3 WWM-P-Waste Water Manage 4 GONDOLA T-GONDOLA TON	100	28.30	Tons % % Tons				KING

Driver`s Signature

WASTE MANAGEBOAUTILE, WA, 98			Original Ticket# 190841 Ph: 206 763 5025				
Customer Name TITANEARTHWOF Ticket Date 03/28/2024 Payment Type Credit Accour Manual Ticket# Route AK Hauling Ticket# Destination PO# 1422630R		R TITAN	Carrier Vehicle# Container Driver Check# Billing# Grid	33BDS	HAULER * PUGSLEY 13	Volume	
Time In 03/28/2024 09:18:02 Out 03/28/2024 09:18:02 Comments BDS-GA	Scale SCALE 1	GA	perator LTHEIM LTHEIM		Inbound	Gross Tare Net Tons	76140 lb 47000 lb 29140 lb 14.57
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin

14.57 Tons

Spwaste Solid Oth-Tons-S100ENERGY-Energy Surcharge100WWM-P-Waste Water Manage100GONDOLA T-GONDOLA TON100 응 90 14.57 Tons

Total Tax Total Ticket

KING

Driver`s Signature

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2 3 4

WAST	Alaska Street 70 S.Alaska Street Te WANAGEScabtle, WA, 9813			Ph: 206	763 50		1 190865	
Ticke Payme Manua	mer Name TITANEARTHWORK et Date 03/28/2024 ent Type Credit Account l Ticket#	1422630R	C TITAN	Carrier Vehicle# Container Driver	33BDS	AULER * PUGSLEY	Volume	
Desti	ng Ticket# nation 1422630R			Check# Billing# Grid	000091	.3		
		cale ALE 1	GAI	perator LTHEIM LTHEIM		Inbound	Gross Tare Net Tons	66120 lb 47000 lb 19120 lb 9.56
Comme	ents BDS-GA							
Produ	ct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2 3	Spwaste Solid Oth-Tons-S ENERGY-Energy Surcharge WWM-P-Waste Water Manage GONDOLA T-GONDOLA TON	100	9.56	Tons % % Tons				KING KING KING KING

Total Tax Total Ticket

Driver`s Signature

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C	<b>Solumbia Ridge Landfill and Recycling Cen</b> a subsidiary of Waste Management 18177 Cedar Springs Lane Arlington, Oregon 97812-6512 (541) 454-2030	ter
	Bill Of Lading	Date scheduled for pickup Time scheduled for pickup
Generator Name and Loading Address Seattle City Light N. S. 7500 SE AJE. NE Senttle, Wi 98115		Waste Profile # <u>118903</u> WA
Contact Person: Telephone Number: 2010-475-2133		sbestos
Acknowledgement of Loading: Company Name:		
Deliver to: Union Pacific Scattle Intermodal Facility (ARGO Yard) 402 South Dawson Sirvet Seattle, Washington 98108 Phone (200) 764-1541 or Night (200) 764-1438	Disposal Facility: Columbia Rodge Landfill and 18177 Cedar Springs Lane Artington, Oregon 97812-651; Phone # (541) 454-2030	
Container Inspection Upon Pickup: Tarp in good serviceable condition Container is in good condition No free standing water Container is empty and clean		
7.11	_ Box # In Liners 0 1	
End Time 7:45 Transporter Name: <u>K Transfort</u> Driver Name <u>Albert Coff</u>	Box # Out <u>300032</u> Liners 0 1 Truck/Chassis # Driver Signature <u>JUH (of M</u>	RUD
Remarks: WOLBS8813 ARGO-8'.16		

WAS		Arlingto	a Ridge edar Spri on, OR, 9 .) 454-20	7812	ıe		Reprin Ticket	t # 858233
Tick Paym Manu Haul Dest Prof	omer Name SEATTLE C et Date 04/18/202 ent Type Credit Ac al Ticket# 1139676 ing Ticket# ination UP/R TRAN ile 118903WA rator 133-NORTH	4 count SPORT (Area 7	at North	Ve Co B: Ma P( Sub: 1	ehicle# 3000 ontainer 3000 Llling # 00 anifest	032 032 003174 00003700	Volume SEATTLE WA 9	98115
	Time 04/17/2024 06:10:0 04/18/2024 06:10:0 ents LIVE LOAD	9 MANU		CWALS CWALS		Inbound	Gross Tare Net Tons	69480 lb* 48860 lb* 20620 lb 10.31
Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- RAIL U SPW-RAIL UN LOC U SPW-LOCAL TR	100	10.31 1 1					WA-SEATTLE WA-SEATTLE WA-SEATTLE

Driver`s Signature

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WABTE MANAGEMENT	Columbia Ridge Landfill and Recycling Cente a subsidiary of Waste Management 18177 Cedar Springs Lane Arlington, Oregon 97812-6512 (541) 454-2030	er
	Bill Of Lading	Date scheduled for pickup
Generator Name and Loading Address Senttle City Light 7500 STE AVE N.E Senttle, WA 98/15 Contact Person: JEN Kindled Telephone Number: 206561-8435	Waste Type CD	Waste Profile #_ <u>142 309CA</u> DL ntaminated Soil bestos her:
Signature:	Date: Name: Prave Print	
Icliver [O: tion Pacific Seattle Intermodal Facility (ARGO Yard) 2 South Dawson Street anle, Washington 98108 one (200) 764-1541 or Night (206) 764-1438	Disposal Facility: Columbia Ridge Landfill and Recy 18177 Cedir Springs Lane Arlington, Oregon 9781-6512 Phone # (541) 454-2030	reling Center
.oading Start Time	No     Image: PONLY   SWAP   WTL     Box # In   Liners   0   1   2     Box # Out   8690   Liners   0   1   2     Truck/Chassis #   P   P   P   P     Driver Signature   AUA LogM   P   P   P	End Time

WASTE MANAGEMENT	Columbia 18177 Ce Arlingto Ph: (542	edar Spr on, OR,		e		Reprint Ticket#	854468
Customer Name SEATTLE ( Ticket Date 03/22/202 Payment Type Credit Ad Manual Ticket# 1136940 Hauling Ticket# Destination UP/R TRAM Profile 1423090R Generator 133-SEAT	24 ccount NSPORT (WOOD DI	EBRIS AN	Ve Co Bi Ma PO D CHIPS:	hicle# 869 ntainer 869 lling # 0 nifest LF01)	0 001592	Volume 8TH AVE NE	
Time In 03/21/2024 15:20:2 Out 03/22/2024 15:20:2 Comments Delivery 3/	25 MANU 25	ale JAL WT =1	Oper jaday jaday * Man		Inbound	Gross Tare Net Tons	55580 lb* 47300 lb* 8280 lb 4.14
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin

			£-1		 	 
1 2	Spwaste Solid Oth- RAIL U SPW-RAIL UN	100		Load	 	 WA-SEATTLE
3 4	RENT SPW DAILY-CAN LOC U SPW-LOCAL TR			Each Load		
5	DEL U SPW-DELIVERY	100	1.00	Each		

Driver`s Signature

# APPENDIX G BACKFILL MATERIAL DOCUMENTATION

	705A 3/21/2024	AGG SEATT 9:47:04 A	LE		" MARGINAL WA" NA 981061208	YSW	NO	3	CALPO	<b>-7</b> DRTLAN
	4 A 4	$  \cap \cap i$	n e n	4			1 W - M.	Copy	10000	90
	Customer:	1016086		EARTHWOR						
	Project:	58512 NORTH S		024 BID PRIC					ERY TOTALS	s PROJEC
	Product:	8127		b Number (			LO	10 Telefort Parameter	}	FROJEC
	Delv To:	0127	NUNERA	NL AGG TYPE			ат	Y 21	068	52 8
	7500 8TH A	VE NE				eighmaste			ODOM,	, HEI
	OF ATT F		10/0		DATE 3/21/2024 9 47.02 AM	SOURCE Seattle Agg	<sup>lbs</sup> 85,560		TNE 38.81	Gros
	SEATTLE		WA	98134	3/21/2024 9 38.15 AM	Seattle Agg	44,200	22.10	20.05	Tare
	4 4				Driver Off		41,360	20.68	18.76	Net
	an Marina ang sang sang sang sang sang sang san						ĥ	RODUCT	AMOUNT	
	Hauler:	999	FOB PICKU	IP				REIGHT		\$0.0 \$0.0
	Truck:	ABL26SD	ABLE INDU	ST 265 SIDE				INV FEE		\$0.0
	REC'D BY			DATE			1	TAX		\$0.0
		AGG SEATT		4002 WEST	MARGINAL WAY	YSW		"OTAL.		\$0.(
					MARGINAL WA WA 981061208	YSW	L.		CALPO	
• • •	, 705A		"LE			YSW	NO:		1939:	- <b>)</b> DRTLA
	705A 3/21/2024 •••••••••••••••••••••••••••••••••••	02 26:04 1 🦟 🦟 🗸 1016086	TITAN	SEATTLE, V L EARTHWOR	NA 981061208 K LLC	YSW	L.	3	1939:	- <b></b> )rtla
• • •	705A 3/21/2024 Customer Project	ia 26:04 I 🦟 🦟 🖉 1016086 58512	TITAN AGG 2	SEATTLE, V	NA 981061208 K LLC	YSW	L.	Griginal DELIV	1939:	
	705A 3/21/2024 •••••••••••••••••••••••••••••••••••	02 26:04 1016036 58512 NORTH S	TITAN AGG 2 UB Jo	SEATTLE, V EARTHWOR 024 BID PRIC b Number: 2	WA 981061208 K LLC DING 2413	YSW	L.	3 Original DELIV TO	1939: '	
	705A 3/21/2024 Customer Project P.O : Product:	ia 26:04 I 🦟 🦟 🖉 1016086 58512	TITAN AGG 2 UB Jo	SEATTLE, V L EARTHWOR 0.24 BID PRIC	WA 981061208 K LLC DING 2413	YSW	NO:	3 Criginal DELIV TO	1939:	SRTLA 30
	705A 3/21/2024 Customer Project P.O : Product: Delv To:	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo	SEATTLE, V EARTHWOR 024 BID PRIC b Number: 2	WA 981061208 K LLC DING 2413 E 17 We	eighmaste	NO: NO:	Criginal DELIV TG AD Y 4	1939: HERY TOTALS	S PROJ
· · · · · · · · · · · · · · · · · · ·	705A 3/21/2024 Lustomer Project P O : Product: Delv To: 7500 8TH A	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo MINERA	SEATTLE, V EARTHWOR 024 BID PRIC b Number: 2	WA 981061208 K LLC DING 2413 5 17	eighmaste	Lo NO: 155	3 Original DELIV TO AD Y 4 Tons	A 1939; Herry Totals DDAY 2 11 00 ODOM, TNE	2 <b>)</b> DRTLA 30 <sup>5</sup> PROJJ 72 72
	705A 3/21/2024 Customer Project P.O : Product: Delv To:	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo	SEATTLE, V EARTHWOR 024 BID PRIC b Number: 2	WA 931061208 K LLC DING 2413 E 17 We DATE	eighmaste source Seattle Agg	Lo NO: 155	Criginal DELIV AD Y 4 Tons 42.50	A 1939; Herry Totals DDAY 2 11 00 ODOM, TNE	2 <b>)</b> DRTLA 30 <sup>5</sup> PROJJ 72 72
	705A 3/21/2024 Lustomer Project P O : Product: Delv To: 7500 8TH A	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo MINERA	SEATTLE, N EARTHWOR 024 BID PRIC b Number 2 NL AGG TYPE	WA 931061208 K LLC CING 2413 E 17 We JATE J21/2024 12:26:01 P	eighmaste source Seattle Agg	Lo NO: r: 85,000	3 <i>Criginal</i> DELIV TO AD Y 4 42.50 22.10	1939: (1939: (108) (108) (108) (108) (108) (118) (	30 5 7? , HE Gros
	705A 3/21/2024 Lustomer Project P O : Product: Delv To: 7500 8TH A	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo MINERA	SEATTLE, N EARTHWOR 024 BID PRIC b Number 2 NL AGG TYPE	WA 981061208 K LLC CING 2413 E 17 We <u>DATE</u> 3/21/2024 12 26 91 P 3/21/2024 9.38 15 AM	eighmaste source Seattle Agg	Lo NO: r: 85,000 44,200 40,800	3 <i>Criginal</i> DELIV TO AD Y 4 Y 4 Y 4 22.10 22.10	1939: ERY TOTAL DDAY 2 100 ODOM, TNE 38.56 20.05	30 SRTLA 30 5 PROJ 7? , HE Gros Tare Not
	705A 3/21/2024 Lustomer Project P O : Product: Delv To: 7500 8TH A	12 26 04 1016036 58512 NORTH SI 8127	TITAN AGG 2 UB Jo MINERA	SEATTLE, N EARTHWOR 024 BID PRIC b Number : 2 NL AGG TYPE 98134	WA 981061208 K LLC CING 2413 E 17 We <u>DATE</u> 3/21/2024 12 26 91 P 3/21/2024 9.38 15 AM	eighmaste source Seattle Agg	Lo aT r: 1058 85,000 44,200 40,800	3 <i>Criginal</i> DELIV TO AD Y 4 42.50 22.10 22.40	1939: ERY TOTAL: DDAY 2 ODOM, TNE 38.56 20.05 18.51	SRTLA 30 7? , HE Gros Tare Net
	705A 3/21/2024 Lustomer Project P.O : Product: Delv To: 7500 8TH A SEATTLE	02 26:04 1016036 58512 NORTH SI 8127 WE NE	TITAN AGG 2 UB Jo MINERA WA	SEATTLE, N EARTHWOR 024 BID PRIC b Number : 2 NL AGG TYPE 98134	WA 931061208 K LLC CING 2413 E 17 We JATE 3/21/2024 12:26:01 P 3/21/2024 9:38:15 AM	eighmaste source Seattle Agg	NO: 100 100 100 100 100 100 100 10	3 Criginal DELLV TG AD Y 4 Tons 42.50 22.10 22.10 20.40	1939: ERY TOTAL: DDAY 2 ODOM, TNE 38.56 20.05 18.51	30 30 7? , HE Gro- Tare Net \$0. \$0.
	705A 3/21/2024 Lustomer Project P.O : Product: Delv To: 7500 8TH A SEATTLE Hauler:	02 26:04 1016036 58512 NORTH SI 8127 WE NE	TITAN AGG 2 UB Jo MINERA WA	SEATTLE, N EARTHWOR 024 BID PRIC b Number 24 AGG TYPE 98134	WA 931061208 K LLC CING 2413 E 17 We JATE 3/21/2024 12:26:01 P 3/21/2024 9:38:15 AM	eighmaste source Seattle Agg	NO: ILO GT F: 1055 85,000 44,200 44,200 10 10 10 10 10 10 10 10 10	3 <i>Criginal</i> DELIV TO AD Y 42.50 22.10 22.10 20.40 PRODUCT FREIGHT	1939: ERY TOTAL: DDAY 2 ODOM, TNE 38.56 20.05 18.51	S STLA 30 5 PROJJ 77 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

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705A	AGG SEATI	LE 4002 VEST	MARGINAL WAY	ŚW			r	-Ç
3/25/2024	7:17 25 A	SEATTLE V	VA 981061208				CALPO	RTLAND
40-		<b>NOO</b> +			NO:	3	19499	99
Customer	1016086	TITAN EARTHWORK	6 H C			Original		
Project:	58512	AGG 2024 BID PRIC						
PO	7500	Job Number: 2				DELIVE	RY TOTALS DAY	i PROJECT
Product:	8127	MINERAL AGG TYPE			LOA		1	5
Delv To:	0127	MINERAL AGG TTPE			QTY	20	.33	93 57
7500 8TH /	AVE NE			ighmaster		(	DDOM,	HEIDI
			DATE 3/25/2024 7:17 22 AM	SOURCE Seattle Agg	lbs 84,860	Tons 42.43	TNE 38.49	Gross
SEATTLE		WA 98134	3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
				(aligned)	40,660	20.33	18,44	Net
			Driver Off			I	MOUNT	
Hauler:	999	FOB PICKUP			P	RODUCT		\$0.00
Truck:	ABL26SD	ABLE INDUST 265 SIDE				REIGHT		\$0.00
REC'D BY		DATE				NV FEE		\$0.00
		DALE				AX		\$0.00 \$0.00
705A	AGG SEAT	TLE 4002 WEST	MARGINAL WAY	Ý SW			e	- 7
3/25/2024	10:43.07		VA 981061208	. 0.,			CALPO	RTLAND
+0-		n m n L			NO:	3	1952	50
Customer						Original		
Project	1016086 58512	TITAN EARTHWOR						
P.O.	7500	AGG 2024 BID PRIC					RY TOTAL	
Product	8127	Job Number: 2			LO		2 2	PROJECT
Delv To:	0127	MINERAL AGG TYPE	E 17		QT	<b>Y</b> 47	7.63	120 87
7500 8TH /	AVE NE		We	ighmaster		(		HEIDI
			DATE 3/25/2024 10:43:04 A	SOURCE Seattle Ago	lbs 98,800	Tons	TNE	Gross
SEATTLE		WA 98134	3/25/2024 7 08 13 AM		10.000 C		44.81 20.05	Tare
			Driver Off	6000	54,600	27.30	24.77	Net
					Г	A	MOUNT	
Hauler:	999	FOB PICKUP				RODUCT		\$0.00
Truck:	ABL26SD	ABLE INDUST 265 SIDE				REIGHT NV FEE		\$0.00
REC'D BY		DATE				AX		\$0.00
						OTAL		\$0.00
					L			\$0.00

1	705A 3/26/2024	AGG SEATT 7 11:01 A	LE	4002 WES			ŚŴ	NO:	3	CALPO	
	47.		- ^ ^	4				140.	Copy	1900	5.3
	Customer:	1016086	TITAN	EARTHWO	RK LLC						
	Project.	<b>58</b> 5 i 2	AGG 2	024 BID PF	RICING				OELIV	ER'T TO FAL	5
	P. <b>O</b> .	7500	JO	b Number:	2413			LOA		DAY	PROJECT
	Product:	8127	MINERA	L AGG TY	PE 17			QTY	2	7.63	148 50
	Delv To:					We	eighmaster	c.		ODOM	, HEIDI
	7500 8TH /	AVENE			DATE 3/26/202	4 7:10:59 AM	SOURCE Seattle Agg	lbs 99,460	Tons 49.73	TNE 45.11	Gross
	SEATTLE		WA	98131	3/25/202	4 7:08:13 AM	Seattle Agg	44,200	22.10		Tare
						er Off		55,260	27.63	25.07	Net
								F	RODUCT	AMOUNT	\$0.00
	Hauler:	999	FOB PICKL	JP					REIGHT		\$0.00
	Truck:	ABL26SD	ABLE INDU	ST 265 SIE	)E			E	NV FEE		\$0.00
	REC'D BY			DATE				т	AX		\$0.00
								т	OTAL -		\$0.00

			-
705A AGG SEATTLE	4002 WEST MARGINAL WAY SV	V	CJ
	SEATTLE, WA 981061208		CALPORTLAND
3/26/2024 10:38:04	SEATTER, WARDING 200	NO:	3195917

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## LANAAJ

Customer	1016086	TITAN EARTHWORK	LLC					
Project:	58512	AGG 2024 BID PRICI	ING			DELIVE	RY TOTALS	5
P.O :	7500	Job Number. 24	413		LOA		2 DAY	PROJECT
Product	8127	MINERAL AGG TYPE	17		στγ	43	2.63	163 50
Delv To:			We	ighmaster			ODOM	HEIDI
7500 8TH A	VE NE		DATE 3/26/2024 10:38:01 A	SOURCE Seattle Agg	lbs 74,200	Tons 37.10	TNE 33.66	Gross
SEATTLE		WA 98134	3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
			Driver Off	-	30,000	15.00	13.61	Net
					Ľ		AMOUNT	
					F	RODUCT		\$0.00
Hauler:	999	FOB PICKUP			F	REIGHT		\$0.00
Truck:	ABL26SD	ABLE INDUST 265 SIDE			E	NV FEE		\$0.00
REC'D BY		DATE			1	AX		\$0.00
					i i	TOTAL		\$0.00

. 35A	AGG SEAT	TLE	4002 WES		Y SW			CAL 20	אין איסאדעמעניין
3/2//2024	10 11 55 A		SEATILE,	WA 981061208		NO:	3	1964	
		Ann.	L	,			Original		əžuten
Customér	1016086	TITAN E	ÉARTHWOP	RKLLC			Ū		
Project <sup>.</sup>	58512		024 BID PRI			_		ER'I TOTAL	
P.O :	2413	.ements.	inpar avo	dit off guibuses	oilities re	fisnoqs:	л <u>әцт</u> е	<u>paunssi</u>	0 <u>903509</u>
Product:	loge aut l	JUE1SJƏPUN MINERA	LAGG TYP	of vilidiznoqea Bayar I, anil d	the cur	əpisui	<b>a</b> Joidav 5.	S. 8. NE	
				ii levrat ot by of viilidiznouse				)ମାମ ସୁହନ୍ତି	l .bətər
7500 8TH				D.I.P.13727 D.24 10 11.52 A			To gouer	2111 MF	<u>аят</u> в этэр
SESTAT	1778 JOI /	(1126q63/ฐก	IIII Pund	3727/12024 10:11:52 AV	Seattle Agg	9 87,520 ( <b>əaliəd</b> )	<sup>1°</sup> 43.76 10 1010	139.70 d əui	្រ <sub>ចលេន</sub> ទះ ឲ្រា្ឌទួនə
eldati 910ati	us bns sis	s abivord o	t soordale a	L 13/27/2022 10 10:30 A	·əlis doly	40,760 <b>941 10</b>	20.35 <b>Sultu</b>	18.46 19 uiu	Tare
				Jd Appendia Au			23 <sup>3</sup> 41 unsse	2124	VHJX
	-					, <u>F</u>	RODUCT	AMOUNT	\$0.00
Hauler:	999	FOB RICKU	BICNI	E <b>BESPO</b>	O N'	TAT	<b>A</b> FAGAT		\$0.00
Truck:	BDS33SE	BENS DOZE	ER 33 SIDE	-		≞∠ ┺⊥  ¥	NV FEE	1. 1. 1.	\$0.00
EC'D BY				nd & Gra	IBZ	1	ТАХ		\$0.00
							TOTAL -		\$0.00
705A /	AGG SEATT			TIZOC	····		,,	 F	
			4002 WEST		····				<b>P</b> RTLANØ
			4002 WEST	MARGINAL WAY	····	NO:		EALPOI 19667	<b>P</b> RTLANØ
8/27/2024 1		, , , ,	4002 WEST	MARGINAL WAY WA 981061208	····		<b>3</b> 1 Original		<b>P</b> RTLANØ
8/27/2024 1	12:57:04	,	4002 WEST SEATTLE. V	MARGINAL WAY WA 981061208 K LLC	····		Original		7 RTLAND 79
N/27/2024 1	12:57:04	• • • • • • • • • • • • • • • • • • •	4002 WEST SEATTLE. V	MARGINAL WAY WA 981061208 K LLC CING	····	NO:	Original DELIVEI	19667 RY TOTALS	7 79 PROJECT
2/27/2024 1 Customer Project:	12-57:04 1016086 58512	TITAN E - AGG 202 Job	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC	MARGINAL WAY WA 981061208 K LLC CING 2413	····		Original DELIVEI	19667 RY TOTALS DAY 2	7 RTLAND 79
Diztrizoza 1 Diztomer Project: P.O.: Product:	12:57:04 1016086 585:12 2413	TITAN E - AGG 202 Job	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC Number: 2	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17	rsw	NO: LOAI qTY	Original DELIVEI TOD	19667 Ry totals Day 2 01	<b>PROJECT</b> 10 214.51
B/27/2024 1 Customer Project: P.O.: Product: Delv To:	12:57:04 1016086 585:12 2413 8127	TITAN E - AGG 202 Job	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC Number: 2	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17	SW	NO: LOAI qTY	Original DELIVEI TOD	19667 RY TOTALS DAY 2	<b>PROJECT</b> 10 214.51
B/27/2024 1 Customer Project: P.O.: Product: Delv To: 2500 8TH A	12:57:04 1016086 585:12 2413 8127	TITAN E. - AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWOR 24 BID PRIC Number: 2 AGG TYPE	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We DATE 3/27/2024 12:56:51 P	SW sighmaster source Man WT	NO: LOAI qTY 95,900	Original DELIVER 51 Cons 47 95	19667 RY TOTALS DAY 2 01 DDOM, 43.50	PROJECT 10 214.51 HEIDI Gross
V27/2024 1 Customer Project: Product: Product: Delv To: 500 8TH A	12:57:04 1016086 585:12 2413 8127	TITAN E. - AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC Number: 2	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We DATE	SW	NO: LOAI qTY : 95,900 40,700	Original DELIVEI 51 0 Tons 47 95 20.35	19667 RY TOTALS AY 2 01 DDOM, TNE 43.50 18.46	PROJECT 10 214.51 HEIDI Gross Tare
Diztrizoza 1 Customer Project: P.O.: Product: Delv To: 2500 8TH A	12:57:04 1016086 585:12 2413 8127	TITAN E. - AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWOR 24 BID PRIC Number: 2 AGG TYPE	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We DATE 3/27/2024 12:56:51 P	SW sighmaster source Man WT	NO: LOAI qTY 95,900	Original DELIVER 51 Cons 47 95	19667 RY TOTALS DAY 2 01 DDOM, 43.50	PROJECT 10 214.51 HEIDI Gross Tare
Diztrizoza 1 Customer Project: P.O.: Product: Delv To: 2500 8TH A	12:57:04 1016086 585:12 2413 8127	TITAN E. - AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWOR 24 BID PRIC Number: 2 AGG TYPE	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We <u>JATE</u> 3/27/2024 12:56:51 P 3/27/2024 10:10:30 A	SW sighmaster source Man WT	NO: LOAI aTY 95,900 40,700 55,200	Original DELIVEI TOD 51 C Tons 47 95 20.35 27.60	19667 RY TOTALS AY 2 01 DDOM, TNE 43.50 18.46	PROJECT 10 214.51 HEIDI Gross Tare Net
Diztrizonal di Customer: Project: Product: Delv To: 2500 8TH A SEATTLE	12:57:04 1016086 585:12 2413 8127	TITAN E. - AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWOR 24 BID PRIC Number: 2 AGG TYPE 98134	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We <u>JATE</u> 3/27/2024 12:56:51 P 3/27/2024 10:10:30 A	SW sighmaster source Man WT	NO: LOAI atry 95,900 40,700 55,200	Original DELIVEI 51 0 700 51 0 700 51 0 700 20.35 20.35 27.60	19667 RY TOTALS PAY 2 01 DDOM, TNE 43.50 18.46 25.04	PROJECT 10 214.51 HEIDI Gross Tare Net
B/27/2024 1 Customer Project: OC: Product: Delv To: 2500 8TH A SEATTLE Hauler:	12:57:04 1016086 585:12 2413 8127 WE NE 999	TITAN E AGG 202 Job MINERAL	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC Number: 2 AGG TYPE 98134	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We <u>JATE</u> 3/27/2024 12:56:51 P 3/27/2024 10:10:30 A	SW sighmaster source Man WT	NO: LoAI qTY 95,900 40,700 55,200	Original DELIVEI TOD 51 C Tons 47 95 20.35 27.60	19667 RY TOTALS PAY 2 01 DDOM, TNE 43.50 18.46 25.04	PROJECT 10 214 51 HEIDI Gross Tare Net
705A 8/27/2024 1 Customer Project: PO.: Product: Delv To: 7500 8TH A SEATTLE Hauler: Fruck: ED BY	12:57:04 1016086 585:12 2413 8127 WE NE 999	TITAN E AGG 202 Job MINERAL WA	4002 WEST SEATTLE. V ARTHWORI 24 BID PRIC Number: 2 AGG TYPE 98134	MARGINAL WAY WA 981061208 K LLC CING 2413 E 17 We <u>JATE</u> 3/27/2024 12:56:51 P 3/27/2024 10:10:30 A	SW sighmaster source Man WT	NO: LoAI qTY 55,900 40,700 55,200	Original DELIVEI TOD 51 Cons 47 95 20.35 27.60 A CODUCT REIGHT	19667 RY TOTALS PAY 2 01 DDOM, TNE 43.50 18.46 25.04	PROJECT 10 214.51 HEIDI Gross Tare Net \$0.00 \$0.00

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705A 3/28/2024	AGG SEATT 7 35 19 A	LE		F MARGINAL WAY WA 981061208	SW	NO:	3	C CALPO	<b>)</b> RTLAND 18
"And	nn/	× ^ .	L				Original		-
Customer:	1016086	TITAN I	EARTHWOR	RK LLC					
Project	58512	AGG 20	024 BID PRI	CING				RY TOTALS	
P.O.	7500	Jol	b Number:	2413		LOA	WART TO AN A STATE	DAY	PROJECT 12
Product:	8127	MINERA	L AGG TYP	E 17		ατγ	- 29	9.20	272 /1
Delv To: 7500 8TH A	VE NE			We	ighmaste source	r: ibs	Tons		, HEIDI
		10/0	00404	3/28/2024 7:35.16 AM	Man WT	102,600	51.30	46.54	Gross
SEATTLE		WA	98134	3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
				Driver Off		58,400	29.20	26.49	Net
Hauler:	999	FOB PICKL					RODUCT	AMOUNT	\$0.00 \$0.00
Truck:	ABL26SD	ABLE INDU	ST 265 SIDI	Ē		E	NV FEE		\$0.00
LEC'D BY			DATE				'AX 'OTAL		\$0.00 \$0.00
	AGG SEATT	E		É MARGINAL WAY WA 981061208	SW				<b>)</b> RTLAND
3/28/2024 1	2:25:49		OEATTLL,	WW 901001200		NO:	3	19736	51
101	~	n A .	L				Original		
Customer: Project:	1016086 58512		EARTHWOF					RY TOTALS	
P.O.	7500	Jol	b Number:	2413		LOA	a pro-	DAY 2	PROJECT 13
Product:	8127	MINERA	L AGG TYP	E 17		ατγ	• 5	1.84	295 35
Delv To: 7500 8TH A	VE NE			We	ighmaste	r: Ibs	Tons		HEIDI
		10/2	00404	3/28/2024 12.25:46 P	Seattle Agg	89,480	44.74	40.59	Gross
SEATTLE		WA	98134	3/25/2024 7:08:13 AM	Seattle Agg	44,200	22.10	20.05	Tare
				1		45 000	00 04	00.04	Not

Driver Off AMOUNT PRODUCT \$0.00 FOB PICKUP 999 Hauler: FREIGHT \$0.00 ABL26SD ABLE INDUST 265 SIDE Truck: ENV FEE \$0.00 тах \$0.00 DATE LEC'D BY TOTAL \$0.00

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45,280 22.64 20.54 Net

705A A	AGG SEATTI	.E	4002 WEST	MARGINAL WAY	' SW			C	Ç
3/28/2024 (	6:50:35 A		SEATTLE, V	VA 981061208				CALPO	RTLAN
						NO:	3	19683	30
<i></i>	nnr	<b>`^^</b>	,č-				Сору		
Customer	1016086	TITAN	EARTHWOR	K LLC					
Project	58512	AGG 2	024 BID PRIC	CING				RY TOTAL	
P.O.	2413	Jo	b Number: 2	2413		LOA		DAY	PROJE
Product:	8127	MINERA	L AGG TYPE	E 17		YTC	- 29	00	243 5
Delv To:				We	eighmaste	r:		ODOM	, HEI
7500 8TH A	VENE			DATE 3/28/2024 6:50.33 AM	SOURCE Man WT	lbs 98,700	Tons 49.35	TNE 44.77	Gross
SEATTLE		WA	98134	3/27/2024 10:10:30 A	Man WT	40,700	20.35	18.46	
				Driver Off	•	58,000	29.00	26.31	Net
						F	RODUCT	AMOUNT	<u>¢0.0</u>
Hauler:	999	FOB PICKL	JP				REIGHT		\$0.0 \$0.0
Truck:	BDS33SD	BENS DOZ	ER 33 SIDE				NV FEE		\$0.0
IEC'D BY			DATE			т	AX		\$0.0
						<sub>1</sub>	OTAL -		\$0.0

- · · ·

TRANSACTION # 1268321



Customer Service (877) 764-5748

# ACCT: 0077120004

## CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

	ATION:	DRIVER:			Pounds	Tons	Scale
DATE IN:	03/27/2024	DATE OUT:	03/27/2024	Gross Wt:	00	00000	In Scale
TIME IN:	07:04:40	TIME OUT:	07:06:07	Tare Wt:	00	00000	Out Scale
TRUCK #:	RAIN	TRAILER #:		Net Wt:	00	00000	
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	Envi Energ	\$41.50 Subtotal: ronmental Fee y Recovery Fee Sales Tax <b>tal Amount:</b>	\$622.50 \$622.50 \$45.00 \$0.00 \$0.00 <b>\$667.50</b>
				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	Х	х
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS: 7500 8th ave ne sea	ttle	
DAILY MESSAGE:		
	Sca	le 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\_\_\_\_\_\_

# 1268321

JOB #	ŧ		
BID #			
PO #	2413-	SCL	N SUB
WO #	ł		

TRANSACTION # 1268407



Customer Service (877) 764-5748

# ACCT: 0077120004

## CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

DUMP LOC	ATION:	DRIVER:			Pounds	Tons	Scale
DATE IN:	03/27/2024	DATE OUT:	03/27/2024	Gross Wt:	00	00000	In Scale
TIME IN:	09:00:13	TIME OUT:	09:00:35	Tare Wt:	00	00000	Out Scale
TRUCK #:	RAIN	TRAILER #:		Net Wt:	00	00000	
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	Energ	\$47.00 Subtotal: ronmental Fee y Recovery Fee Sales Tax tal Amount:	\$1,034.00 \$1,034.00 \$66.00 \$0.00 \$0.00 <b>\$1,100.00</b>
				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:**

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X	X	х
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS: 7500 8th ave ne sea	tlle	
DAILY MESSAGE:		
	Sc	ale Attendant:

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# 1268407

JOB #
BID #
PO # 2413 SLC N SUB
WO #

TRANSACTION # 1268552

COMPOSIEING COMPOSIEING

Customer Service (877) 764-5748

# ACCT: 0077120004

CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

# 1268552

JOB #	
BID #	
PO # 2	413-SCL N SUB
WO #	

DUMP LOCA	ATION:	DRIVER:			Pounds	Tons	Scale	
DATE IN:	03/27/2024	DATE OUT:	03/27/2024	Gross Wt:	00	00000	In Scale	
TIME IN:	11:40:38	TIME OUT:	11:40:44	Tare Wt:	00	00000	Out Scale	
TRUCK #:	RAIN	TRAILER #:		Net Wt:	00	00000		
ORIGIN:								

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	Envi Energ	\$41.50 Subtotal: ironmental Fee y Recovery Fee Sales Tax tal Amount:	\$913.00 \$913.00 \$66.00 \$0.00 \$0.00 <b>\$979.00</b>
				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:**

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## CUSTOMER STATEMENTS:

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X	Х	х
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS:		
DAILY MESSAGE:		
	Scale	e Attendant:

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TRANSACTION # 1268875

1268875

PO # 2413- N SUBSTAT

Customer Service (877) 764-5748

# ACCT: 0077120004

44

CUSTOMER NAME: TITAN EARTHWORK, LLC

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: 09:06:24 TIME OUT: 09:06:35 Tare Wt: 00 00000 Out Scale TRUCK #: 26 TRAILER #: Net Wt: 00000 00

JOB # BID #

WO #

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	Energ	\$41.50 Subtotal: ronmental Fee y Recovery Fee Sales Tax tal Amount:	\$913.00 \$913.00 \$66.00 \$0.00 \$0.00 <b>\$979.00</b>
				Account	\$979.00

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## **CREDIT TERMS:**

ORIGIN:

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X	X	х
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS:		
DAILY MESSAGE:		
	Scale	Attendant:

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TRANSACTION # 126





Customer Service (877) 764-5748

# ACCT: 0077120004

# CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

DUMP LOCATION:	DRIVER:		Pounds	Tons	Scale
DATE IN: 03/28/2	2024 DATE OUT: 03/28/2024	4 Gross Wt:	00	00000	In Scale
TIME IN: 09:49:2	2 <b>TIME OUT:</b> 09:49:36	Tare Wt:	00	00000	Out Scale
TRUCK #: 33	TRAILER #:	Net Wt:	00	00000	
ORIGIN:					

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	\$41.50	\$913.00
				Subtotal:	\$913.00
			Env	ronmental Fee	\$66.00
			Energy Recovery Fee		
				Sales Tax	\$0.00
			То	tal Amount:	\$979.00
				Account	\$979.00

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X	X	X
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS:		
DAILY MESSAGE:		
	Scale	Attendant:

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JOB # BID # PO # 2413- N SUBSTAT

1268909

WO #

TRANSACTION # 1268978



Customer Service (877) 764-5748

# ACCT: 0077120004

# CUSTOMER NAME: TITAN EARTHWORK, LLC

TERMS: Net 30 Days

	ATION:	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	<b>TRAILER #:</b>		Net Wt:	00	00000	
ORIGIN:							

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	\$41.50 Subtotal:	\$913.00 \$913.00
			Env	ironmental Fee	\$66.00
		•	Energ	y Recovery Fee	\$0.00
				Sales Tax	\$0.00
	and the second		То	tal 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:**

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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	Х	х	
Customer Signature	Printed Name	Date	
CUSTOMER COMMENTS:			
DAILY MESSAGE:			
	Scale A	Attendant:	
I acknowledge that Cedar Grove shall not be responsible for any da	amage sustained to my vehicle resulting from the loading of m	aterial 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

# 1268978

JOB # BID # PO # 2413-N SUBSTATI WO #

TRANSACTION # 1



Customer Service (877) 764-5748

# ACCT: 0077120004

# 1269214

JOB #
BID #
PO # 2413
WO #

TERMS: Net 30 Days

CUSTOMER NAME: TITAN EARTHWORK, LLC

DUMP LOC	ATION:	DRIVER:			Pounds	Tons	Scale
DATE IN:	03/29/2024	DATE OUT:	03/29/2024	Gross Wt:	00	00000	In Scale
TIME IN:	07:08:39	TIME OUT:	07:09:36	Tare Wt:	00	00000	Out Scale
TRUCK #:	33	TRAILER #:		Net Wt:	00	00000	
ORIGIN:				<b>Health To Barry Market Constants</b>			

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
0119	TOPSOIL SPECIAL - 60/40	CUBIC YARD	22.00	\$41.50 Subtotal:	\$913.00 \$913.00
			Envi	ironmental Fee	\$66.00
			Energ	y Recovery Fee	\$0.00
				Sales Tax	\$0.00
			То	tal Amount:	\$979.00
				Account	\$979.00

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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!

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X	X X	
Customer Signature	Printed Name	Date
CUSTOMER COMMENTS:		
DAILY MESSAGE:		
	Scale /	Attendant:
I acknowledge that Coder Grove shall not be responsible for	uny damage suggined to my ushiple werelting from the log the	and the second

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

TRANSACTION # 1269286

	-
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CC	MROSILING
	100% NATURAL *
	100% KATURAL *

Customer Service (877) 764-5748

# 1269286

JOB # BID # PO # 2413 WO #

CUSTOMER NAME:	TITAN EARTHWORK, LLC	

TERMS: Net 30 Days

ACCT: 0077120004

DRIVER:			Pounds	Tons	Scale	
/2024 <b>DATE OUT:</b>	03/29/2024	Gross Wt:	00	00000	In So	cale
27 <b>TIME OUT:</b>	08:21:06	Tare Wt:	00	00000	Out So	cale
TRAILER #:		Net Wt:	00	00000		
ĺ	:27 <b>TIME OUT</b> :	:27 <b>TIME OUT:</b> 08:21:06	:27 TIME OUT: 08:21:06 Tare Wt:	:27 TIME OUT: 08:21:06 Tare Wt: 00	:27 TIME OUT: 08:21:06 Tare Wt: 00 00000	:27 TIME OUT: 08:21:06 Tare Wt: 00 00000 Out So

ITEM	DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL
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		х.	Env	ironmental Fee	\$66.00
			Energ	y Recovery Fee	\$0.00
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			То	tal Amount:	\$979.00
				Account	\$979.00

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X	X	X	
Customer Signature	Printed Name	Date	·
CUSTOMER COMMENTS:			
DAILY MESSAGE;			
	Sc	ale Attendant:	

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Telephone: 877-764-5748   6527 NE 175th St. · Kenmore, WA 98028   4517 30th Ave. E · Tacoma, WA 98409     SOLD TO:					
TRK #: <u>B</u> THOD OF PMT.	CASH() CHI	er senti Eck ( ) credi	TCARD ( ) W	T	
DATE	TIME IN/OUT	YARDS/ WEIGHT	PRODUCT	DESTINATION	AMOUN
- <i>1C 1</i>				7500 8th Au	
IOTES:				SUB TOTAL	
		<u> </u>		TAX %	