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Draft – Privileged and Confidential Attorney-Client Work Product

December 20, 2024

Mr. Roger Van Oosten
Plate Lunch Entrepreneurs, LLC
4743 Ballard Avenue Northwest, Suite 300
Seattle, Washington 98107

SUBJECT: AMENDED VAPOR INTRUSION ASSESSMENT REPORT
East Aloha Street Property
1900, 1902, and 1906 East Aloha Street, Seattle, Washington
Project Number: 1631-001

Dear Mr. Van Oosten:

SoundEarth Strategies, Inc. (SoundEarth) has prepared this letter report to present the results of the vapor intrusion assessment conducted at the East Aloha Street Property, located at 1900, 1902, and 1906 East Aloha Street in Seattle, Washington (the Property; Figure 1). The assessment was conducted in accordance with the Washington State Department of Ecology's (Ecology's) *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action*, finalized in March 2022 (Ecology 2022a).

The Property consists of one rectangular-shaped tax parcel (King County Parcel Number 133880-0075) that covers approximately 4,320 square feet (0.10 acres) of land. The Property is currently developed with three commercial and office buildings constructed between 1911 and the early 1930s. The building at 1902 East Aloha Street is currently vacant. The remaining two buildings are currently occupied by Seatown Pottery (1900 East Aloha Street) and Lonely Eagle, Inc. (1906 East Aloha Street). The 1900 East Aloha Street building is a slab-on-grade construction. A basement underlies the building located at 1902 East Aloha Street, and a crawlspace underlies the building located at 1906 East Aloha Street. The Property location is shown on Figure 1. Site plans with exploration locations are shown on Figures 2 and 3.

BACKGROUND

In August 2023, Partner Engineering and Science, Inc. (Partner) conducted a Phase I Environmental Site Assessment (ESA) for the Property. The Phase I ESA identified the historical operation of a dry cleaning facility in the building located at 1900 East Aloha Street (formerly 900 19th Avenue North) as a recognized environmental condition for the Property. According to the findings of the Phase I ESA, at least two dry cleaning tenants (Herron Lou & Co. Cleaners and Aaron's Dry Cleaners Plant) operated in this building between at least 1939 and 1975.

To evaluate the potential for subsurface impacts associated with the former dry cleaning facility on the Property, Partner conducted a Phase II ESA at the Property in September 2023. The Phase II ESA consisted of the advancement of three soil borings on the northern, central, and southern interior portions of the former dry cleaning facility (B1 through B3, respectively; Figure 1), the collection of soil samples at a depth of 5 feet below ground surface (bgs) from each of the soil borings, and the collection of soil gas samples

from temporary soil gas probes installed in each of the soil borings. Groundwater was reportedly not encountered during this investigation.

The findings of this investigation indicated that tetrachloroethene (PCE) was present at concentrations below the Washington State Model Toxics Control Act (MTCA) Method A cleanup level in the soil samples collected from soil borings B1 through B3. PCE was detected at concentrations exceeding the MTCA Method B soil gas screening level in the soil gas samples collected from the soil gas probes installed in soil borings B1 through B3 (8,890, 4,870, and 3,250 micrograms per cubic meter [µg/m^3], respectively). Trichloroethene (TCE) was also detected at a concentration below the MTCA Method B soil gas screening level in the soil gas sample collected from the soil gas probe installed in soil boring B1 in the northern portion of the building. During soil gas sampling activities, Partner utilized 1,1-difluoroethane (1,1-DFA) as a tracer gas to evaluate whether ambient air was introduced into the sample train. 1,1-DFA was detected in the soil gas samples collected from the soil gas probes installed in soil borings B1 and B2, which indicates that there was a likely breach of the sample train during collection of these soil gas samples. Based on the findings of the Phase II investigation, Partner concluded that the identified subsurface impacts indicate evidence of a release from the former dry cleaning operations in the 1900 East Aloha Street building and recommended additional investigation to evaluate the extent of subsurface impacts and potential vapor intrusion concerns (Partner 2023).

2023 VAPOR INTRUSION ASSESSMENT FIELD ACTIVITIES – 1900 EAST ALOHA STREET BUILDING

Sub-Slab Soil Gas Sampling

Given the uncertainty in the initial soil gas sampling results from September 2023 due to a likely breach of the sample train in two of the three soil gas samples, SoundEarth conducted a sub-slab soil gas sampling event on October 17, 2023, to further evaluate soil gas conditions directly beneath the floor slab of the 1900 East Aloha Street building and to assess whether there is a potential vapor intrusion risk to building occupants. The October 2023 sampling event included the collection of three sub-slab soil gas samples in the approximate locations from which the previous soil gas samples were collected in September 2023 (sample locations SS01, SS02, and SS03; Figure 2).

During the installation of the sub-slab soil gas sampling points, the concrete floor slab of the building was observed to be approximately 2 to 3 inches thick and friable. Given the observed floor slab conditions, it was not possible to install permanent soil gas sampling points (as initially proposed) with a sufficient seal to prevent infiltration of ambient air into the sampling points. To create a sufficient seal around the sampling points, each sub-slab soil gas sample was collected by drilling a 3/8-inch-diameter hole through the concrete slab using a rotary hammer. A stainless steel Vapor Pin was temporarily installed in each sample point in accordance with the manufacturer's instructions. Before each sample collection, a pressure hold test was completed on the sample train by purging the sample train with a peristaltic pump to approximately 12 inches of mercury, closing the sample train valves, and monitoring the pressure for a minimum of 5 minutes. In addition, a helium leak test was completed on each sample train and soil gas point using a helium tank, shroud, and helium detector. Tests were conducted by injecting and stabilizing approximately 50 percent helium into the shroud. Approximately 1 liter of air was then purged at a rate of 200 millimeters per minute from each sample location and captured in a Tedlar gas sampling bag, which was then measured for the presence of helium. All sample points passed both the hold test and the helium leak test before sampling. Additional air was then purged from each point until a minimum of three times the volume of the soil gas point had been removed, such that the soil gas sample was considered representative of subsurface conditions.

Samples were collected from each location using a laboratory-provided, 1-liter SUMMA canister fitted with a 200-milliliter-per-minute flow regulator. After each sample was collected, the SUMMA canister valve was fully closed, and the end cap was replaced and tightened. The SUMMA canisters were delivered to Friedman & Bruya, Inc. of Seattle, Washington (F&B), under standard chain-of-custody protocols and analyzed for the following:

- Chlorinated volatile organic compounds (CVOCs) by US Environmental Protection Agency (EPA) Method TO-15
- Helium by ASTM International Method D1946

After sampling, the vapor pins were removed from soil gas sample points SS01 through SS03, and each sample point was patched with concrete.

Indoor Air Sampling

Based on the results of the sub-slab soil gas sampling conducted by Partner and SoundEarth, which showed PCE concentrations exceeding the MTCA sub-slab soil gas screening level for commercial workers, SoundEarth conducted indoor air sampling at the Property on November 16, 2023, to evaluate whether PCE is present in indoor air inside the 1900 East Aloha Street building as a result of vapor intrusion.

Prior to sampling, SoundEarth conducted a site visit on October 9, 2023, to identify potential sample locations and assess whether potential background sources of CVOCs are present within the building. SoundEarth also reviewed Material Safety Data Sheets for pottery glazes used and stored within the building to evaluate whether these materials presented a risk of interference with the sampling results. The building tenants were advised to remove identified materials of potential concern, including cleaning supplies, at least 48 hours prior to the indoor air sampling event.

The indoor air sampling event included the collection of three indoor air samples (IA01 through IA03) and one outdoor ambient air sample (OA01). Indoor air samples were collected in the approximate locations of sub-slab soil gas samples SS01 through SS03, previously collected by SoundEarth. The outdoor air sample was collected in an upwind location along the southeastern portion of the 1900 East Aloha Street building based on wind direction observed at the time of sampling (Figure 3). Indoor and outdoor air samples were collected using laboratory-provided, 6-liter SUMMA canisters. Each SUMMA canister was placed approximately 4.5 feet above ground surface within the breathing zone of potential building occupants and fitted with a flow controller calibrated by the laboratory for an 8-hour sample collection. Initial and final vacuum readings for each canister were recorded on the Chain of Custody form. After a sample was collected, the SUMMA canister valve was fully closed, and the end cap was replaced and tightened. The SUMMA canisters were submitted to F&B under standard chain-of-custody protocols for analysis of PCE by EPA Method TO-15.

2024 VAPOR INTRUSION ASSESSMENT FIELD ACTIVITIES – 1902 AND 1906 EAST ALOHA STREET BUILDINGS

To evaluate the vapor intrusion exposure risk in the other two buildings on the Property, located at 1902 and 1906 East Aloha Street, SoundEarth conducted a vapor intrusion assessment of these two buildings on November 6, 2024. Ecology vapor intrusion guidance states that the vapor intrusion exposure risk for buildings located within a 100-foot lateral distance of the edge of subsurface CVOC contamination should be evaluated (Ecology 2022a). Based on the findings of the 2023 vapor intrusion assessment activities in

the 1900 East Aloha Street building, both the 1902 and 1906 East Aloha Street buildings are located within 100 lateral feet of the known elevated CVOC concentrations in soil gas beneath the 1900 East Aloha Street building. The 2024 vapor intrusion assessment activities are described in the following sections.

Sub-Slab Soil Gas Sampling – 1902 East Aloha Street Building

To evaluate soil gas conditions beneath the 1902 East Aloha Street building and assess the potential vapor intrusion exposure risk to future building occupants, SoundEarth conducted a sub-slab soil gas sampling event on November 6, 2024. The November 2024 sampling event included the collection of three sub-slab soil gas samples beneath the southwestern, northwestern, and eastern portions of the building basement at a depth of approximately 6 feet below street grade (sample locations SS04, SS05, and SS06, respectively; Figure 2).

During the installation of the sub-slab soil gas sampling points in the 1902 East Aloha Street building, the concrete floor slab of the building was observed to be approximately 2 inches thick, similar to the conditions observed in the 1900 East Aloha Street building. Given the observed floor slab conditions, it was not possible to install permanent soil gas sampling points with a sufficient seal to prevent infiltration of ambient air into the sampling points. To create a sufficient seal around the sampling points, each sub-slab soil gas sample was collected by drilling a 3/8-inch-diameter hole through the concrete slab using a rotary hammer. A stainless steel Vapor Pin was temporarily installed in each sample point in accordance with the manufacturer's instructions. Before each sample collection, a pressure hold test was completed on the sample train by purging the sample train with a peristaltic pump to approximately 12 inches of mercury, closing the sample train valves, and monitoring the pressure for a minimum of 5 minutes. In addition, a helium leak test was completed on each sample train and soil gas point using a helium tank, shroud, and helium detector. Tests were conducted by injecting and stabilizing approximately 50 percent helium into the shroud. Approximately 1 liter of air was then purged at a rate of 200 millimeters per minute from each sample location and captured in a Tedlar gas sampling bag, which was then measured for the presence of helium. All sample points passed both the hold test and the helium leak test prior to sampling. Additional air was then purged from each point until a minimum of three times the volume of the soil gas point had been removed, such that the soil gas sample was considered representative of subsurface conditions.

Samples were collected from each location using a laboratory-provided, 1-liter SUMMA canister fitted with a 200-milliliter-per-minute flow regulator. After each sample was collected, the SUMMA canister valve was fully closed, and the end cap was replaced and tightened. The SUMMA canisters were delivered to F&B under standard chain-of-custody protocols and analyzed for the following:

- CVOCs by EPA Method TO-15
- Helium by ASTM International Method D1946

After sampling, the vapor pins were removed from soil gas sample points SS04 through SS06, and each sample point was patched with concrete.

Based on the results of the sub-slab soil gas sampling, as discussed subsequently in this report, it was determined that indoor air sampling was not warranted in the 1902 East Aloha Street building at this time.

Crawlspace Sampling – 1906 East Aloha Street Building

To evaluate the potential risk of vapor intrusion within the 1906 East Aloha Street building, SoundEarth collected two samples of air from the crawlspace beneath the building on November 6, 2024. This method of sampling was conducted instead of soil gas sampling due to the presence of the crawlspace and lack of accessibility for drilling equipment beneath the 1906 East Aloha Street building. Crawlspace sample points CS01 and CS02 were installed in the northwestern and southwestern portions of the building, respectively, by drilling a 3/8-inch-diameter hole through the floor of the building in each sample location (Figure 3). Teflon tubing was inserted into the crawlspace through the holes drilled through the floor and sealed to prevent indoor air from reaching the crawlspace to the extent possible. An outdoor air sample, OA01, was collected simultaneously from the southeastern corner of roof of the 1900 East Aloha Street building to evaluate ambient air conditions.

The crawlspace and outdoor air samples were collected using laboratory-provided 6-liter SUMMA canisters. Each SUMMA canister was fitted with a flow controller calibrated by the laboratory for an 8-hour sample collection. Initial and final vacuum readings for each canister were recorded on the Chain of Custody form. After sampling, the SUMMA canisters were submitted to F&B under standard chain-of-custody protocols for analysis of CVOCs by EPA Method TO-15.

Based on the results of the crawlspace sampling, as discussed subsequently in this report, it was determined that indoor air sampling was not warranted in the 1906 East Aloha Street building at this time.

ANALYTICAL RESULTS

Sub-Slab Soil Gas – 1900 East Aloha Street Building

Sub-slab soil gas analytical results for samples collected from the 1900 East Aloha Street building were compared with MTCA sub-slab soil gas screening levels for commercial land use, in accordance with Ecology's July 2022 *Vapor Intrusion Screening Levels for Workers* guidance document (Ecology 2022b), based on the current use of the 1900 East Aloha Street building. Standard MTCA Method B screening levels for soil gas assume a residential exposure frequency of 24 hours per day, 7 days per week, and 52 weeks per year and are considered overly conservative for a commercial building. MTCA soil gas screening levels for commercial workers are applicable in situations where adults working inside commercial buildings are the primary potential receptors to indoor air contamination caused by vapor intrusion and assume an exposure frequency of 9 hours per day, 5 days per week, and 50 weeks per year for 25 years. Given the current commercial use of the 1900 East Aloha Street building, the MTCA soil gas screening levels for commercial workers are the appropriate screening levels for this building.

Soil gas results are summarized on Figure 2 and in Table 1 and discussed below:

- **CVOCs.** PCE was detected at concentrations exceeding the MTCA soil gas screening level for commercial workers of 1,500 µg/m^3 in soil gas samples SS01, SS02, and SS03, located in the northern, central, and southern portions of the 1900 East Aloha Street building, respectively. Detected PCE concentrations ranged from 1,600 µg/m^3 in soil gas sample SS01 to 2,600 µg/m^3 in soil gas sample SS03. TCE was detected at a concentration below the MTCA soil gas screening level for commercial workers in soil gas sample SS02. Other CVOCs were not detected above laboratory reporting limits in any of the analyzed soil gas samples.

- **Helium.** Helium was not detected at concentrations above laboratory reporting limits in soil gas samples submitted for analysis, confirming the integrity of each sample point during soil gas sample collection.

Indoor Air – 1900 East Aloha Street Building

Analytical results for the indoor air samples collected from the 1900 East Aloha Street building were compared with MTCA indoor air screening levels for commercial land use in accordance with Ecology's July 2022 *Vapor Intrusion Screening Levels for Workers* guidance document (Ecology 2022b).

Indoor air analytical results are summarized on Figure 3 and in Table 2 and discussed below:

- **PCE.** PCE was detected at a concentration of 11 µg/m^3 in indoor air sample IA02, collected from the central portion of 1900 East Aloha Street building. This concentration is below the MTCA indoor air screening level for commercial land use. PCE was not detected at concentrations above the laboratory reporting limit in indoor air samples IA01 and IA03 or in outdoor air sample OA01.

Sub-Slab Soil Gas – 1902 East Aloha Street Building

Sub-slab soil gas analytical results for samples collected from the 1902 East Aloha Street building were compared with MTCA sub-slab soil gas screening levels for commercial land use, in accordance with Ecology's July 2022 *Vapor Intrusion Screening Levels for Workers* guidance document (Ecology 2022b). Although the 1902 East Aloha Street building is currently vacant, the building is configured for commercial use. Therefore, the MTCA soil gas screening levels for commercial workers are the appropriate screening levels for this building.

Soil gas results are summarized on Figure 2 and in Table 1 and discussed below:

- **CVOCs.** PCE was detected at concentrations below the MTCA soil gas screening level for commercial workers of 1,500 µg/m^3 in soil gas samples SS04, SS05, and SS06, located in the southwestern, northwestern, and eastern portions of the 1902 East Aloha Street building basement, respectively. Detected PCE concentrations ranged from 67 µg/m^3 in soil gas sample SS06 to 310 µg/m^3 in soil gas sample SS05. Other CVOCs were not detected above laboratory reporting limits in any of the analyzed soil gas samples.
- **Helium.** Helium was not detected at concentrations above laboratory reporting limits in soil gas samples submitted for analysis, confirming the integrity of each sample point during soil gas sample collection.

Based on these results, which do not indicate a potential vapor intrusion exposure risk, it was determined that indoor air sampling was not warranted in the 1902 East Aloha Street building at this time.

Crawlspace and Outdoor Ambient Air – 1906 East Aloha Street Building

Analytical results for the crawlspace air samples collected from the 1906 East Aloha Street building were compared with MTCA indoor air screening levels for commercial land use. According to Ecology's vapor intrusion guidance, crawlspace sampling results are often similar to concentrations on the first floor of a building (Ecology 2022a); therefore, it is recommended that no attenuation factor be used between crawlspace and indoor air.

Crawlspace and outdoor ambient air results are summarized on Figure 3 and in Table 3 and discussed below:

- **CVOCs.** PCE was not detected at concentrations above laboratory reporting limits in crawlspace samples CS01 and CS02, located in the northwestern and southwestern portions of the 1906 East Aloha Street building, respectively. TCE was detected at a concentration of 0.13 µg/m^3 in crawlspace sample CS01, which is below the MTCA indoor air screening level for commercial land use of 2.9 µg/m^3. Other CVOCs were not detected above laboratory reporting limits in the analyzed crawlspace samples. No CVOCs were detected above laboratory reporting limits in outdoor ambient air sample OA01.

Based on these results, which do not indicate a potential vapor intrusion exposure risk, it was determined that indoor air sampling was not warranted in the 1906 East Aloha Street building at this time.

CONCLUSIONS

The results of the vapor intrusion assessments conducted within the three buildings located on the Property to date indicate that at this time there does not appear to be an indoor air vapor intrusion exposure risk to building occupants working under a commercial exposure scenario .

As described in Ecology's vapor intrusion guidance (Ecology 2022a), indoor air sampling should be conducted to further evaluate the vapor intrusion exposure risk to building occupants within any building where CVOCs are present in sub-slab soil gas at concentrations exceeding the MTCA soil gas screening levels applicable to the building's current and/or potential future land use. In accordance with this guidance, indoor air sampling was conducted in the 1900 East Aloha Street building to further evaluate the vapor intrusion exposure risk associated with the elevated PCE concentrations in sub-slab soil gas beneath that building. The results of the indoor air sampling indicate that PCE concentrations in indoor air do not exceed the applicable MTCA indoor air screening level for commercial workers. As recommended in Ecology's vapor intrusion guidance, a second indoor air sampling event is recommended to be conducted during the spring or summer months to confirm that indoor air conditions remain protective of building occupants, given the potential for changes in subsurface and atmospheric conditions throughout the year that can impact the vapor intrusion exposure pathway.

Additionally, Ecology's guidance states that the vapor intrusion exposure risk for buildings located within a 100-foot lateral distance of the edge of subsurface CVOC contamination should also be evaluated, because subsurface vapors have the potential to migrate into nearby buildings. The vapor intrusion assessments completed in the 1902 and 1906 East Aloha Street buildings, both located within 100 feet of the known edge of subsurface CVOC contamination, have demonstrated that there is not a vapor intrusion exposure risk to those buildings at this time. Based on the Ecology vapor intrusion guidance and the sub-slab soil gas data that has been collected at the 1900 East Aloha Street building to date, the completion of a vapor intrusion assessment consisting of the collection of soil gas and/or indoor air samples from the residence located on the north-adjoining property is also advised.

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 the 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, or for 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.

CLOSING

SoundEarth appreciates the opportunity to work with you on this project. Please contact the undersigned at 206-306-1900 if you have any questions or require additional information.

Respectfully,
SoundEarth Strategies, Inc.

DRAFT ***DRAFT***

Clare Tochilin, LG
Senior Geologist

Tom Cammarata, LG, LHG
Principal

Attachments: Figure 1, Property Location Map
Figure 2, Soil Gas Sample Analytical Results, 1900 and 1902 East Aloha Street Buildings
Figure 3, Crawlspace and Indoor Air Sample Analytical Results, 1900 and 1906 East Aloha Street Buildings
Table 1, Soil Gas Sample Analytical Results for CVOCs
Table 2, Indoor Air Sample Analytical Results for PCE
Table 3, Crawlspace Sample Analytical Results for CVOCs
A, Laboratory Analytical Reports
Friedman & Bruya, Inc. #310315
Friedman & Bruya, Inc. #311257
Friedman & Bruya, Inc. #411110

REFERENCES

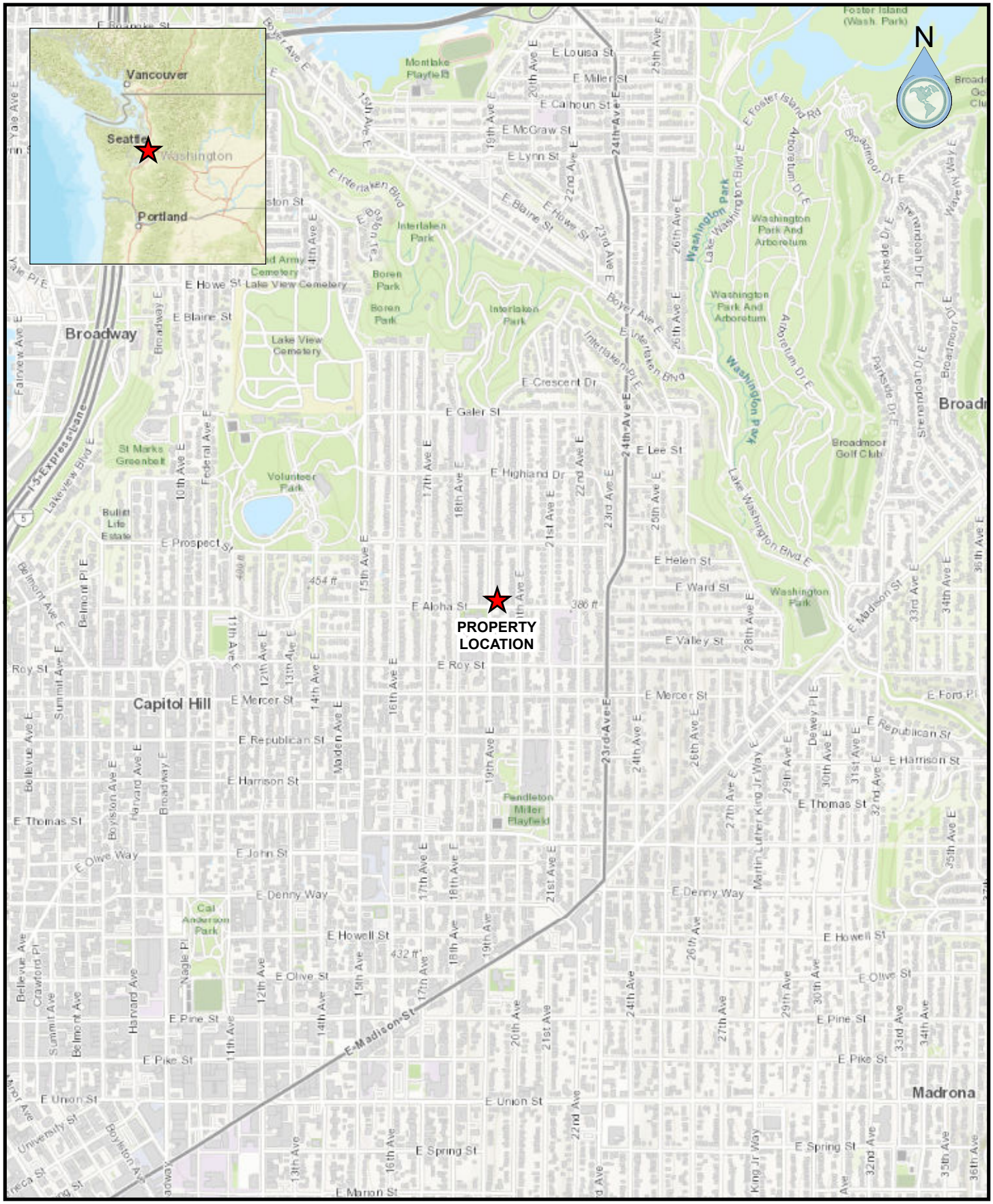
Partner Engineering and Science, Inc. (Partner). 2023. *Phase II Subsurface Investigation Report, Rich Root Holdings – Meter Music, 1900 East Aloha Street, Seattle, Washington 98112*. Prepared for Umpqua Bank. September 15.

Washington State Department of Ecology (Ecology). 2022a. *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action.* Publication No. 09-09-047. Finalized March 2022.

_____. 2022b. *Vapor Intrusion Screening Levels for Workers*. July.

CJT/ TJC:kak

FIGURES



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SCALE IN FEET

SoundEarth Strategies

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EAST ALOHA STREET PROPERTY
1900-1906 EAST ALOHA STREET
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #: 1631-001

PROJECT MANAGER C.TOCHILIN

PROPERTY LOCATION MAP

FIGURE 1

DRAWN BY S.ALBERTS

DRAFT

P:\1631 PLATE LUNCH ENTREPRENEURS, LLC\1631-001 EAST ALOHA STREET\TECHNICAL\CAD\FIGURE 1\1631-001-2023-PL.MXD

12/12/2024

Sample Location	Sample Collection Depth	Sample Date	Analytical Results (micrograms per cubic meter) PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
1900 East Aloha Street Building Soil Gas Samples							
SS01 (B1)	5 feet bgs	09/07/23	**8,890**	3.60	<0.793	<0.793	<0.511
	Beneath floor slab	10/17/23	**1,600**	<0.86	<3.2	<3.2	<2
SS02 (B2)	5 feet bgs	09/07/23	**4,870**	<1.07	<0.793	<0.793	<0.511
	Beneath floor slab	10/17/23	**1,800**	0.99	<3.2	<3.2	<2
SS03 (B3)	5 feet bgs	09/07/23	**3,250**	<1.07	<0.793	<0.793	<0.511
	Beneath floor slab	10/17/23	**2,600**	<0.88	<3.3	<3.3	<2.1
1902 East Aloha Street Building Soil Gas Samples							
SS04	Beneath basement floor slab	11/06/24	130	<0.89	<3.3	<3.3	<2.1
SS05	Beneath basement floor slab	11/06/24	310	<0.81	<3	<3	<1.9
SS06	Beneath basement floor slab	11/06/24	67	<0.85	<3.1	<3.1	<2
MTCA Sub-Slab Soil Gas Screening Level for Commercial Workers			**1,500**	**95**	**5,200**	**5,200**	**44**

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SS03 — SUB-SLAB SOIL GAS SAMPLE LOCATION (SOUNDEARTH 2023-2024)
- (B3) — PREVIOUS SOIL GAS SAMPLE ID (PARTNER 2023)
- DENOTES PCE CONCENTRATION EXCEEDS MTCA SUB-SLAB SOIL GAS SCREENING LEVEL FOR COMMERCIAL WORKERS
- DENOTES PCE CONCENTRATION DETECTED ABOVE LABORATORY REPORTING LIMIT BUT BELOW MTCA SUB-SLAB SOIL GAS SCREENING LEVEL FOR COMMERCIAL WORKERS

BGS — BELOW GROUND SURFACE
DCE — DICHLOROETHENE
MTCA — WASHINGTON STATE MODEL TOXICS CONTROL ACT
PCE — TETRACHLOROETHENE
TCE — TRICHLOROETHENE

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EAST ALOHA STREET PROPERTY
1900-1906 EAST ALOHA STREET
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #: 1631-001

PROJECT MANAGER: C.TOCHILIN

SOIL GAS SAMPLE ANALYTICAL RESULTS
1900 AND 1902 EAST ALOHA STREET BUILDINGS

FIGURE 2

DRAWN BY: C.TOCHILIN

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12/18/2024

Sample Location	Location	Sample Date	Analytical Results (micrograms per cubic meter) PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
1900 East Aloha Street Building Indoor Air Samples							
IA01	Northern portion of building	11/16/23	<6.8	--	--	--	--
IA02	Central portion of building		11	--	--	--	--
IA03	Southern portion of building		<6.8	--	--	--	--
OA01	Exterior - southeastern corner		<6.8	--	--	--	--
1906 East Aloha Street Building Crawlspace Samples							
CS01	Crawlspace - northwestern portion of building	11/06/24	<6.8	0.13	<0.4	<0.4	<0.26
CS02	Crawlspace - southwestern portion of building		<6.8	<0.11	<0.4	<0.4	<0.26
OA01	Roof of 1900 East Aloha Street Building		<6.8	<0.11	<0.4	<0.4	<0.26
MTCA Indoor Air Screening Levels for Commercial Workers			**45**	**2.9**	**156**	**156**	**1.3**

LEGEND

- PROPERTY BOUNDARY / PARCEL BOUNDARY
- CS02 — CRAWLSPACE SAMPLE LOCATION (SOUNDEARTH 2024)
- IA03 — INDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023)
- OA01 — OUTDOOR AIR SAMPLE LOCATION (SOUNDEARTH 2023-2024)
- DENOTES PCE OR TCE CONCENTRATION DETECTED ABOVE LABORATORY REPORTING LIMIT BUT BELOW MTCA INDOOR AIR SCREENING LEVEL FOR COMMERCIAL WORKERS

DCE DICHLOROETHENE
MTCA WASHINGTON STATE MODEL TOXICS CONTROL ACT
PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE

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APPROXIMATE SCALE IN FEET

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EAST ALOHA STREET PROPERTY
1900-1906 EAST ALOHA STREET
SEATTLE, WASHINGTON
SOUNDEARTH PROJECT #: 1631-001

PROJECT MANAGER: C.TOCHILIN

CRAWLSPACE AND INDOOR AIR SAMPLE ANALYTICAL RESULTS
1900 AND 1906 EAST ALOHA STREET BUILDINGS

FIGURE 3

DRAWN BY: C.TOCHILIN

P:\1631 PLATE LUNCH ENTREPRENEURS, LLC\1631-001 EAST ALOHA STREET\TECHNICAL\CAD\2024 VI\1631-001_2024 CS_IA.DWG

TABLES

Table 1
Soil Gas Sample Analytical Results for CVOCs
East Aloha Street Property
1900 through 1906 East Aloha Street
Seattle, Washington

Sample Location	Sample ID	Sample Collection Depth	Sample Date	Sampled By	Analytical Results[1] (micrograms per cubic meter)				
					PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
1900 East Aloha Street Building Soil Gas Samples									
SS01 (B1)	B1-SG	5 feet bgs	09/07/23	Partner	**8,890**	3.60	<0.793	<0.793	<0.511
	SS01-20231017	Beneath floor slab	10/17/23	SoundEarth	**1,600**[ve]	<0.86	<3.2	<3.2	<2
SS02 (B2)	B2-SG	5 feet bgs	09/07/23	Partner	**4,870**	<1.07	<0.793	<0.793	<0.511
	SS02-20231017	Beneath floor slab	10/17/23	SoundEarth	**1,800**[ve]	0.99	<3.2	<3.2	<2
SS03 (B3)	B3-SG	5 feet bgs	09/07/23	Partner	**3,250**	<1.07	<0.793	<0.793	<0.511
	SS03-20231017	Beneath floor slab	10/17/23	SoundEarth	**2,600**[ve]	<0.88	<3.3	<3.3	<2.1
1902 East Aloha Street Building Soil Gas Samples									
SS04	SS04-20241106	Beneath basement floor slab	11/06/24	SoundEarth	130	<0.89	<3.3	<3.3	<2.1
SS05	SS05-20241106	Beneath basement floor slab	11/06/24		310	<0.81	<3	<3	<1.9
SS06	SS06-20241106	Beneath basement floor slab	11/06/24		67	<0.85	<3.1	<3.1	<2
MTCA Sub-Slab Soil Gas Screening Level for Commercial Workers					**1,500**[2]	**95**[2]	**5,200**[3]	**5,200**[3]	**44**[2]

NOTES:

Red denotes concentration exceeds MTCA Sub-Slab Soil Gas Screening Level for Commercial Workers.

SoundEarth sample analysis performed by Friedman & Bruya, Inc. of Seattle, Washington.

Partner sample analysis performed by Pace Analytical of Mount Juliet, Tennessee.

[1]Analyzed by EPA Method TO-15.

[2]Vapor Intrusion Screening Level for Commercial Worker, Soil Gas Screening Level, Cancer, CLARC database, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[3]Vapor Intrusion Screening Level for Commercial Worker, Soil Gas Screening Level, Noncancer, CLARC database, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

Laboratory Notes:

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

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

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

CVOC = chlorinated volatile organic compound

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

Partner = Partner Engineering and Science, Inc.

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

Table 2
Indoor Air Sample Analytical Results for PCE
East Aloha Street Property
1900 through 1906 East Aloha Street
Seattle, Washington

Sample Location	Sample ID	Location	Sampled By	Sample Type	Sample Date	Analytical Results[(1)] (µg/m^3)
						PCE
1900 East Aloha Street Building Indoor Air Samples						
IA01	IA01-20231116	Northern Portion of Building Interior	SoundEarth	Indoor Air	11/16/23	<6.8
IA02	IA02-20231116	Central Portion of Building Interior		Indoor Air		11
IA03	IA03-20231116	Southern Portion of Building Interior		Indoor Air		<6.8
OA01	OA01-20231116	Southeastern Corner of Building Exterior		Outdoor Air		<6.8
MTCA Indoor Air Screening Levels for Commercial Workers						**45**[(2)]

NOTES:

Chemical analyses conducted by Friedman & Bruya, Inc. of Seattle, Washington.

[(1)]Analyzed by EPA Method TO-15.

[(2)]Vapor Intrusion Screening Level for Commercial Worker, Indoor Air Screening Level, Cancer, CLARC database, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

µg/m^3 = microgram per cubic meter

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

CLARC = Cleanup Levels and Risk Calculations

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

SoundEarth Strategies

Table 3
Crawlspace Sample Analytical Results for CVOCs
East Aloha Street Property
1900 through 1906 East Aloha Street
Seattle, Washington

Sample Location	Sample ID	Location	Sampled By	Sample Type	Sample Date	Analytical Results[1] (micrograms per cubic meter)				
						PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
1906 East Aloha Street Building Crawlspace Samples										
CS01	CS01-20241106	Crawlspace - northwestern portion of building	SoundEarth	Crawlspace (8-hour)	11/06/24	<6.8	0.13	<0.4	<0.4	<0.26
CS02	CS02-20241106	Crawlspace - southwestern portion of building		Crawlspace (8-hour)		<6.8	<0.11	<0.4	<0.4	<0.26
OA01	OA01-20241106	Roof of 1900 East Aloha Street Building		Outdoor Air (8-hour)		<6.8	<0.11	<0.4	<0.4	<0.26
MTCA Indoor Air Screening Levels for Commercial Workers						**45**[2]	**2.9**[2]	**156**[3]	**156**[3]	**1.3**[2]

NOTES:

Chemical analyses conducted by Friedman & Bruya, Inc. of Seattle, Washington.

[1]Analyzed by EPA Method TO-15.

[2]Vapor Intrusion Screening Level for Commercial Worker, Indoor Air Screening Level, Cancer, CLARC database, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

[3]Vapor Intrusion Screening Level for Commercial Worker, Indoor Air Screening Level, Noncancer, CLARC database, CLARC Website <https://fortress.wa.gov/ecy/clarc/CLARCHome.aspx>.

< = not detected at a concentration exceeding the laboratory reporting limit
CLARC = Cleanup Levels and Risk Calculations
CVOC = chlorinated volatile organic compound
DCE = dichloroethene
EPA = US Environmental Protection Agency
MTCA = Washington State Model Toxics Control Act
PCE = tetrachloroethene
SoundEarth = SoundEarth Strategies, Inc.
TCE = trichloroethene

ATTACHMENT A
LABORATORY ANALYTICAL REPORTS

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

October 30, 2023

Clare Tochilin, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

Dear Ms Tochilin:

Included are the results from the testing of material submitted on October 17, 2023 from the SOU_1631-001_ 20231017, F&BI 310315 project. There are 10 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Tom Cammarata
SOU1030R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on October 17, 2023 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_1631-001_ 20231017, F&BI 310315 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
310315 -01	SS01-20231017
310315 -02	SS02-20231017
310315 -03	SS03-20231017

The tetrachloroethene concentration in the samples exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS01-20231017	Client:	SoundEarth Strategies
Date Received:	10/17/23	Project:	SOU_1631-001_ 20231017
Date Collected:	10/17/23	Lab ID:	310315-01 1/8.0
Date Analyzed:	10/20/23	Data File:	101921.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	98	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2	<0.8
trans-1,2-Dichloroethene	<3.2	<0.8
cis-1,2-Dichloroethene	<3.2	<0.8
Trichloroethene	<0.86	<0.16
Tetrachloroethene	1,600 ve	230 ve

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS02-20231017	Client:	SoundEarth Strategies
Date Received:	10/17/23	Project:	SOU_1631-001_ 20231017
Date Collected:	10/17/23	Lab ID:	310315-02 1/8.0
Date Analyzed:	10/20/23	Data File:	101922.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	97	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2	<0.8
trans-1,2-Dichloroethene	<3.2	<0.8
cis-1,2-Dichloroethene	<3.2	<0.8
Trichloroethene	0.99	0.18
Tetrachloroethene	1,800 ve	260 ve

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS03-20231017	Client:	SoundEarth Strategies
Date Received:	10/17/23	Project:	SOU_1631-001_ 20231017
Date Collected:	10/17/23	Lab ID:	310315-03 1/8.2
Date Analyzed:	10/20/23	Data File:	101923.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	98	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2.1	<0.82
trans-1,2-Dichloroethene	<3.3	<0.82
cis-1,2-Dichloroethene	<3.3	<0.82
Trichloroethene	<0.88	<0.16
Tetrachloroethene	2,600 ve	380 ve

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_1631-001_ 20231017
Date Collected:	Not Applicable	Lab ID:	03-2424 mb
Date Analyzed:	10/19/23	Data File:	101912.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Date of Report: 10/30/23
Date Received: 10/17/23
Project: SOU_1631-001_ 20231017, F&BI 310315
Date Extracted: 10/27/23
Date Analyzed: 10/27/23

RESULTS FROM THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Results Reported as % Helium

Sample ID Laboratory ID	Helium
SS01-20231017 310315-01	<0.6
SS02-20231017 310315-02	<0.6
SS03-20231017 310315-03	<0.6
Method Blank 03-2560 MB	<0.6

Date of Report: 10/30/23
Date Received: 10/17/23
Project: SOU_1631-001_ 20231017, F&BI 310315

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 310343-05 1/7.6 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	<1.9	<1.9	nm
trans-1,2-Dichloroethene	ug/m3	<3	<3	nm
cis-1,2-Dichloroethene	ug/m3	<3	<3	nm
Trichloroethene	ug/m3	<0.82	<0.82	nm
Tetrachloroethene	ug/m3	<52	<52	nm

Date of Report: 10/30/23
Date Received: 10/17/23
Project: SOU_1631-001_ 20231017, F&BI 310315

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	86	70-130
trans-1,2-Dichloroethene	ug/m3	54	102	70-130
cis-1,2-Dichloroethene	ug/m3	54	97	70-130
Trichloroethene	ug/m3	73	96	70-130
Tetrachloroethene	ug/m3	92	107	70-130

Date of Report: 10/30/23
Date Received: 10/17/23
Project: SOU_1631-001_ 20231017, F&BI 310315

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Laboratory Code: 310275-01 (Duplicate)

Analyte	Sample Result (%)	Duplicate Result (%)	Relative Percent Difference	Acceptance Criteria
Helium	<0.6	<0.6	nm	0-20

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAMPLE CHAIN OF CUSTODY

310315

10/17/23

Page # 1 of 1

Report To Clare Tochilin, Tom Cammarata

Company SoundEarth Strategies, Inc.

Address 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, WA 98134

Phone 206-306-1900 Email ctochilin@soundearthinc.com
tcammarata@soundearthinc.com

SAMPLERS (*signature*)

PROJECT NAME & ADDRESS	PO #
East Aloha Street Property	1631-001
NOTES: cVOCs = cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, Vinyl Chloride	INVOICE TO

TURNAROUND TIME
Standard
RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
Default: Clean following final report delivery
Hold (Fee may apply):

SAMPLE INFORMATION										ANALYSIS REQUESTED						
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs (short list)	APH	Helium		Notes
SS01 BT-20231017	01	9985	242	IA / (SG)	10/17/23	30	1403	5	1409			X		X		
SS02 BZ-20231017	02	2031	60	IA / (SG)	10/17/23	29	1239	5	1244			X		X		
SS03 ~~BZ~~-20231017	03	8525	67	IA / (SG)	10/17/23	30	1143	5	1148			X		X		
per CT 10/25/23 NE				IA / SG												
				IA / SG												
				IA / SG		LCC										
				IA / SG		10/18/23										
				IA / SG												

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Linnea Coleman	SES	10/17/23	1545
Received by:	ANHPHAN	FSB	10/17/23	15:45
Relinquished by:		Samples received at 19 °C		
Received by:				

FORMS\COC\COCTO-15.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 22, 2023

Clare Tochilin, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

Dear Ms Tochilin:

Included are the results from the testing of material submitted on November 16, 2023 from the SOU_1631-001_ 20231116, F&BI 311257 project. There are 8 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Tom Cammarata
SOU1122R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 16, 2023 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_1631-001_ 20231116, F&BI 311257 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
311257 -01	OA01-20231116
311257 -02	IA03-20231116
311257 -03	IA02-20231116
311257 -04	IA01-20231116

All quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	OA01-20231116	Client:	SoundEarth Strategies
Date Received:	11/16/23	Project:	SOU_1631-001_ 20231116
Date Collected:	11/15/23	Lab ID:	311257-01
Date Analyzed:	11/17/23	Data File:	111621.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration ug/m3	ppbv
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA03-20231116	Client:	SoundEarth Strategies
Date Received:	11/16/23	Project:	SOU_1631-001_ 20231116
Date Collected:	11/15/23	Lab ID:	311257-02
Date Analyzed:	11/17/23	Data File:	111622.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration ug/m3	ppbv
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA02-20231116	Client:	SoundEarth Strategies
Date Received:	11/16/23	Project:	SOU_1631-001_ 20231116
Date Collected:	11/15/23	Lab ID:	311257-03
Date Analyzed:	11/17/23	Data File:	111623.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	91	70	130

Compounds:	Concentration ug/m3	ppbv
Tetrachloroethene	11	1.6

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	IA01-20231116	Client:	SoundEarth Strategies
Date Received:	11/16/23	Project:	SOU_1631-001_ 20231116
Date Collected:	11/15/23	Lab ID:	311257-04
Date Analyzed:	11/17/23	Data File:	111624.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	94	70	130

Compounds:	Concentration ug/m3	ppbv
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_1631-001_ 20231116
Date Collected:	Not Applicable	Lab ID:	03-2650 MB
Date Analyzed:	11/16/23	Data File:	111612.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	92	70	130

Compounds:	Concentration ug/m3	ppbv
Tetrachloroethene	<6.8	<1

Date of Report: 11/22/23
Date Received: 11/16/23
Project: SOU_1631-001_ 20231116, F&BI 311257

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 311266-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	<0.26	<0.26	nm
2-Propanol	ug/m3	<8.6	<8.6	nm
1,1-Dichloroethene	ug/m3	<0.4	<0.4	nm
Trichloroethene	ug/m3	0.27	0.28	4
Tetrachloroethene	ug/m3	<6.8	<6.8	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	114	70-130
2-Propanol	ug/m3	33	105	70-130
1,1-Dichloroethene	ug/m3	54	106	70-130
Trichloroethene	ug/m3	73	119	70-130
Tetrachloroethene	ug/m3	92	120	70-130

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

311257

SAMPLE CHAIN OF CUSTODY

11-16-23

Page # 1 of 1

Report To Clare Tochilin, Tom Cammarata

Company SoundEarth Strategies, Inc.

Address 1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, WA 98134

Phone 206-306-1900 Email ctochilin@soundearthinc.com
tcammarata@soundearthinc.com

SAMPLERS (*signature*)

PROJECT NAME & ADDRESS: East Aloha Street Property

PO #: 1631-001

NOTES:

INVOICE TO

TURNAROUND TIME: (Standard) RUSH

Rush charges authorized by:

SAMPLE DISPOSAL
Default: Clean following final report delivery
Hold (Fee may apply):

SAMPLE INFORMATION										ANALYSIS REQUESTED						
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs (short list)	APH	Helium	TO15 - PCE	Notes
OA01-20231116	01	18569	05349	(IA) / SG	11/15-11/16/23	29	~~2215~~ ~~1115~~	5.5	0615						X	
1A03-20231116	02	21140	08182	(IA) / SG	11/15-11/16/23	30	2230 ~~1030~~	8.5	0609						X	
1A02-20231116	03	40707	07848	(IA) / SG	11/15-11/16/23	28.5	2232 ~~1032~~	6.5	0607						X	
1A01-20231116	04	20545	05348	(IA) / SG	11/15-11/16/23	30	2235 ~~1035~~	7.5	0605						X	
				IA / SG												
				IA / SG	LGC 11/16/23											
				IA / SG												
				IA / SG												

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Linnea Coleman	SES	11/16/23	0718
Received by:	Khan Phan	FEBT	11/16/23	0718
Relinquished by:				
Received by:		Samples received at 20 °C		

FORMS\COC\COCTO-15.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

November 19, 2024

Clare Tochilin, Project Manager
SoundEarth Strategies
1011 SW Klickitat Way, Suite 104
Seattle, WA 98134

Dear Ms Tochilin:

Included are the results from the testing of material submitted on November 7, 2024 from the SOU_1631-001_20241107, F&BI 411110 project. There are 14 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Tom Cammarata, Linnea Coleman
SOU1119R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 7, 2024 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_1631-001_20241107, F&BI 411110 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
411110 -01	SS04-20241106
411110 -02	SS05-20241106
411110 -03	SS06-20241106
411110 -04	OA01-20241106
411110 -05	CS01-20241106
411110 -06	CS02-20241106

All quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS04-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-01 1/8.3
Date Analyzed:	11/12/24	Data File:	111125.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2.1	<0.83
trans-1,2-Dichloroethene	<3.3	<0.83
cis-1,2-Dichloroethene	<3.3	<0.83
Trichloroethene	<0.89	<0.17
Tetrachloroethene	130	19

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS05-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-02 1/7.5
Date Analyzed:	11/12/24	Data File:	111126.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<1.9	<0.75
trans-1,2-Dichloroethene	<3	<0.75
cis-1,2-Dichloroethene	<3	<0.75
Trichloroethene	<0.81	<0.15
Tetrachloroethene	310	46

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SS06-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-03 1/7.9
Date Analyzed:	11/11/24	Data File:	111124.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	95	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<2	<0.79
trans-1,2-Dichloroethene	<3.1	<0.79
cis-1,2-Dichloroethene	<3.1	<0.79
Trichloroethene	<0.85	<0.16
Tetrachloroethene	67	9.9

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	OA01-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-04
Date Analyzed:	11/09/24	Data File:	110819.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	103	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS01-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-05
Date Analyzed:	11/09/24	Data File:	110820.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	98	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	0.13	0.024
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	CS02-20241106	Client:	SoundEarth Strategies
Date Received:	11/07/24	Project:	SOU_1631-001_20241107
Date Collected:	11/06/24	Lab ID:	411110-06
Date Analyzed:	11/09/24	Data File:	110821.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	99	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_1631-001_20241107
Date Collected:	Not Applicable	Lab ID:	04-2627 mb
Date Analyzed:	11/11/24	Data File:	111111.D
Matrix:	Air	Instrument:	GCMS8
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_1631-001_20241107
Date Collected:	Not Applicable	Lab ID:	04-2623 MB
Date Analyzed:	11/09/24	Data File:	110814.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	96	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Date of Report: 11/19/24
Date Received: 11/07/24
Project: SOU_1631-001_20241107, F&BI 411110
Date Extracted: 11/13/24
Date Analyzed: 11/14/24

RESULTS FROM THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Results Reported as % Helium

Sample ID Laboratory ID	Helium
SS04-20241106 411110-01	<0.6
SS05-20241106 411110-02	<0.6
SS06-20241106 411110-03	<0.6
Method Blank O4-2781 MB	<0.6

Date of Report: 11/19/24
Date Received: 11/07/24
Project: SOU_1631-001_20241107, F&BI 411110

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 411098-02 1/4.8 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	<1.2	<1.2	nm
trans-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
cis-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
Trichloroethene	ug/m3	<0.52	<0.52	nm
Tetrachloroethene	ug/m3	<33	<33	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	118	70-130
trans-1,2-Dichloroethene	ug/m3	54	108	70-130
cis-1,2-Dichloroethene	ug/m3	54	102	70-130
Trichloroethene	ug/m3	73	110	70-130
Tetrachloroethene	ug/m3	92	115	70-130

Date of Report: 11/19/24
Date Received: 11/07/24
Project: SOU_1631-001_20241107, F&BI 411110

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 411119-01 1/14 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	18	17	6
trans-1,2-Dichloroethene	ug/m3	6.0	<5.6	nm
cis-1,2-Dichloroethene	ug/m3	150	140	7
Trichloroethene	ug/m3	130	110	17
Tetrachloroethene	ug/m3	1,000	900	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	108	70-130
trans-1,2-Dichloroethene	ug/m3	54	111	70-130
cis-1,2-Dichloroethene	ug/m3	54	108	70-130
Trichloroethene	ug/m3	73	111	70-130
Tetrachloroethene	ug/m3	92	116	70-130

Date of Report: 11/19/24
Date Received: 11/07/24
Project: SOU_1631-001_20241107, F&BI 411110

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR HELIUM USING METHOD ASTM D1946

Laboratory Code: 411110-03 (Duplicate)

Analyte	Sample Result (%)	Duplicate Result (%)	Relative Percent Difference	Acceptance Criteria
Helium	<0.6	<0.6	nm	0-20

Data Qualifiers & Definitions

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

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

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

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

411110

SAMPLE CHAIN OF CUSTODY

11/07/24 —

1 of 1

Report To Clare Tochilin, Tom Cammarata, Linnea Coleman

SoundEarth Strategies, Inc.

1011 SW Klickitat Way, Suite 212

City, State, ZIP Seattle, WA 98134

Phone 206-306-1900 Email ctochilin@soundearthinc.com
tcammarata@soundearthinc.com

SAMPLERS (*signature*)

East Aloha Street Property | 1631-001

NOTES: | INVOICE TO

TURNAROUND TIME: Standard

SAMPLE DISPOSAL
Default:Clean following final report delivery
Hold (Fee may apply):_____

SAMPLE INFORMATION										ANALYSIS REQUESTED						
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs (short list)	APH	Helium	TO15 - PCE	Notes
SS04-20241106	01	9895	97	IA / (SG)	11/6/24	28	1529	5	1534			X		X		PID = 0.1 ppm
SS05-20241106	02	9562	90	IA / (SG)		>30	1447	5	1453			X		X		PID = 0.5 ppm
SS06-20241106	03	9990	93	IA / (SG)		30	1405	5	1410			X		X		PID = 0.7 ppm
OA01-20241106	04	38349	8182	(IA) / SG		30	0933	4.5	1716			X				PID = 0.0 ppm
CS01-20241106	05	32099	5352	(IA) / SG		30	0948	8	1700			X				PID = 0.0 ppm
CS02-20241106	06	40712	7850	(IA) / SG	↓	30	0956	6.5	1652			X				PID = 0.0 ppm
				IA / SG	LGC 11/7/24											
				IA / SG												

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FORMS\COC\COCTO-15.DOC

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Linnea Coleman	SES	11/7/24	1042
Received by:		Anh Phan	FBT	11/07/24	10:42
Relinquished by:			Samples received at 17 °C		
Received by:					

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 411110 CLIENT Sound INITIALS/ DATE: AP 11/07/24

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 17 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☐ YES ☒ NO

How did samples arrive?
☒ Over the Counter ☐ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO Initials/ Date: AP 11/07/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes ☐ No	☐ Not on COC/label
Date Sampled	☒ Yes ☐ No	☐ Not on COC/label
Time Sampled	☒ Yes ☐ No	☐ Not on COC/label
# of Containers	☒ Yes ☐ No	
Relinquished	☒ Yes ☐ No	
Requested analysis	☒ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☐ NA ☐ YES ☒ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____