



SoundEarth Strategies, Inc.  
2320 West Commodore Way, Suite 110  
Seattle, Washington 98199

April 8, 2026

Sunny Becker  
Washington State Department of Ecology  
Toxics Cleanup Program  
Northwest Regional Office  
15700 Dayton Avenue North  
Shoreline, Washington 98133

**SUBJECT: 2024 VAPOR INTRUSION ASSESSMENT – JANKE BUILDING**  
**Plastic Sales and Service Site**  
**6870 Woodlawn Avenue Northeast, Seattle, Washington**  
**Project Number: 0651-002**

Dear Ms. Becker:

SoundEarth Strategies, Inc. (SoundEarth) is pleased to provide you with the results from the vapor intrusion assessment conducted at the Janke Building, located at 6869 Woodlawn Avenue Northeast in Seattle, Washington, in December 2024. The Janke Building is situated to the north of the Plastic Sales and Services Site (the Site), which encompasses the property located at 6870 Woodlawn Avenue Northeast and adjacent rights-of-way (ROWs). Groundwater beneath the ROWs adjacent to the Janke Building has been impacted by a release of chlorinated volatile organic compounds (CVOCs) originating at the Site. The purpose of the December 2024 vapor intrusion assessment conducted at the Janke Building was to supplement the soil gas and indoor air data collected at the Janke Building in December 2023 and to further evaluate whether CVOC vapors originating from groundwater adjacent to the Janke Building pose a risk to human health within the Janke Building through the vapor inhalation pathway. The December 2024 sampling event represents the second of three vapor intrusion assessments requested by the Washington State Department of Ecology (Ecology) for the Janke Building. The vapor intrusion assessment was performed in general accordance with Ecology's *Guidance for Evaluating Vapor Intrusion in Washington State: Investigation and Remedial Action*, dated October 2009 and finalized in March 2022 (Ecology's 2022 vapor intrusion guidance).

#### **DECEMBER 2024 SAMPLING ACTIVITIES**

The December 2024 vapor intrusion assessment included the collection of five indoor air samples, one outdoor ambient air sample, and two sub-slab soil gas samples from the Janke Building. Sample locations were consistent with the locations of samples collected during the December 2023 vapor intrusion assessment, with the addition of two new indoor air sample locations at the request of Ecology (IA04 and IA05; Figures 1 and 2). These locations were selected to further evaluate indoor air quality in the southwestern portion of the building where water and gas utility lines enter (IA04) and in the central portion of the building hallway (IA05). The following sections summarize the vapor intrusion assessment activities completed at the Site during this sampling event.

**Building Survey**

Prior to collecting air quality samples, SoundEarth completed a building survey of the Janke Building to evaluate the potential presence of CVOC sources or materials that may contribute to background indoor air contamination. SoundEarth identified potential CVOC sources during the building survey and removed them to the extent feasible from the building at least 48 hours prior to sample collection.

**Indoor Air, Ambient Air, and Sub-Slab Soil Gas Sampling**

On December 17, 2024, SoundEarth collected five indoor air samples (IA01 through IA05), one outdoor ambient air sample (OA01), and two sub-slab soil gas samples (SS01 and SS02) at the Janke Building. Indoor air, outdoor ambient air, and sub-slab soil gas samples were collected using the procedures and methodologies described in SoundEarth's *Vapor Intrusion Assessment Sampling and Analysis Plan, Plastic Sales and Service Site, 6870 Woodlawn Avenue Northeast, Seattle, Washington*, dated August 15, 2023 (2023 Vapor Intrusion Assessment SAP). Sample locations are shown on Figures 1 and 2. Sub-slab soil gas, indoor air, and outdoor air sample results are presented in Tables 1 and 2.

Indoor air, outdoor ambient air, and sub-slab soil gas samples were submitted to Friedman and Bruya, Inc. (F&B) laboratory for analysis of CVOCs by US Environmental Protection Agency (EPA) Method TO-15. Sub-slab soil gas samples were also submitted to F&B for analysis of helium by Method ASTM D1946.

**DECEMBER 2024 ANALYTICAL RESULTS**

CVOCs, including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and trans-1,2-DCE, were not detected at concentrations above laboratory reporting limits in any of the sub-slab soil, indoor air, or outdoor air samples collected during the vapor intrusion assessment.

During the sub-slab soil gas sampling, helium was used as a tracer gas to evaluate whether ambient air was infiltrating into the sampling points. Each of the soil gas samples was analyzed by the laboratory for helium. Helium was not detected in the sample collected from soil gas point SS01. The sample collected from soil gas point SS02 contained helium at a concentration of 0.7 percent. Based on Ecology and California Department of Toxic Substances Control guidance, if the tracer compound concentration in the sample is less than 5 percent of the tracer compound concentration in the shroud around the sampling point, the sample train leak is considered to be insignificant. In this case, the helium concentration in the sample (0.7 percent) was approximately 2.33 percent of the helium concentration that was measured in the shroud during sampling (30 percent). Therefore, the helium detected in this sample does not indicate a significant breach of the sample train, and the analytical results for this sample are reliable.

**CONCLUSIONS**

Based on the findings of the vapor intrusion assessments conducted at the Janke Building in December 2023 and 2024, elevated concentrations of CVOCs in groundwater beneath the ROW adjacent to the Janke Building have not resulted in elevated CVOC concentrations in sub-slab soil gas beneath the building and do not pose a risk to human health through the indoor air inhalation pathway at this time.

Please let us know if you have any questions.

Respectfully,

**SoundEarth Strategies, Inc.**



Clare Tochilin, LG  
Senior Geologist



Tom Cammarata, LHG  
Principal

Attachments: Figure 1, Sub-Slab Soil Gas Analytical Results – 2024 Janke Building Vapor Intrusion Assessment  
Figure 2, Indoor Air Analytical Results – 2024 Janke Building Vapor Intrusion Assessment  
Table 1, Summary of Sub-Slab Soil Gas Analytical Results  
Table 2, Summary of Indoor Air Analytical Results  
Attachment A, Laboratory Reports  
*Friedman & Bruya #412328*  
*Friedman & Bruya #412329*

## FIGURES

LEGEND

- INDOOR AIR SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- OUTDOOR AIR SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- SUB-SLAB SOIL GAS SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- CATCH BASIN
- MANHOLE
- SHALLOW-ZONE MONITORING WELL
- DEEP-ZONE MONITORING WELL
- INTERMEDIATE DEEP-ZONE MONITORING WELL
- DEEP DEWATERING WELL
- SHALLOW INJECTION WELL
- DEEP INJECTION WELL
- DECOMMISSIONED WELL
- DIRECT-PUSH BORING (GEOENGINEERS 2002/2003)
- DIRECT-PUSH BORING (GEOENGINEERS 2004)
- DIRECT-PUSH BORING (FARALLON 2004)
- DIRECT-PUSH BORING (FARALLON 2006/2007)
- DIRECT-PUSH BORING (FARALLON 2010)
- DIRECT-PUSH BORING (SOUNDEARTH 2008)
- HOLLOW-STEM AUGER (SOUNDEARTH 2009)
- POST-ELECTRICAL RESISTANCE HEATING  
BORING LOCATION
- SONIC BORING (SOUNDEARTH 2021-2022)
- STORMWATER LINE
- GAS LINE
- SANITARY SEWER LINE
- WATER LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY LINE
- PARCEL BOUNDARY
- FLOOR DRAIN
- UNDERGROUND STORAGE TANK
- DICHLOROETHENE
- WASHINGTON STATE MODEL TOXICS CONTROL ACT
- TETRACHLOROETHENE
- TRICHLOROETHENE

- NOTES:
1.

FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.

\\S-FS01\DISC\CURRENT\PROJECTS

| Sample Location ID                                             | Location                                        | Sample Date | Analytical Results (micrograms per cubic meter) |       |             |               |                |
|----------------------------------------------------------------|-------------------------------------------------|-------------|-------------------------------------------------|-------|-------------|---------------|----------------|
|                                                                |                                                 |             | PCE                                             | TCE   | cis-1,2-DCE | trans-1,2-DCE | Vinyl Chloride |
| SS01                                                           | Janke building - southeastern crawl space hatch | 12/04/23    | <37                                             | <0.59 | <2.2        | <2.2          | <1.4           |
|                                                                |                                                 | 12/17/24    | <59                                             | <0.94 | <3.4        | <3.4          | <2.2           |
| SS02                                                           | Janke building - southern crawl space hatch     | 12/04/23    | <37                                             | <0.59 | <2.2        | <2.2          | <1.4           |
|                                                                |                                                 | 12/17/24    | <61                                             | <0.97 | <3.6        | <3.6          | <2.3           |
| MTCA Sub-Slab Soil Gas Screening Levels for Commercial Workers |                                                 |             | 1,500                                           | 95    | 5,200       | 5,200         | 44             |

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SOUNDEARTH PROJECT #0651-002

FIGURE 1  
SUB-SLAB SOIL GAS ANALYTICAL  
RESULTS - 2024 JANKE BUILDING  
VAPOR INTRUSION ASSESSMENT

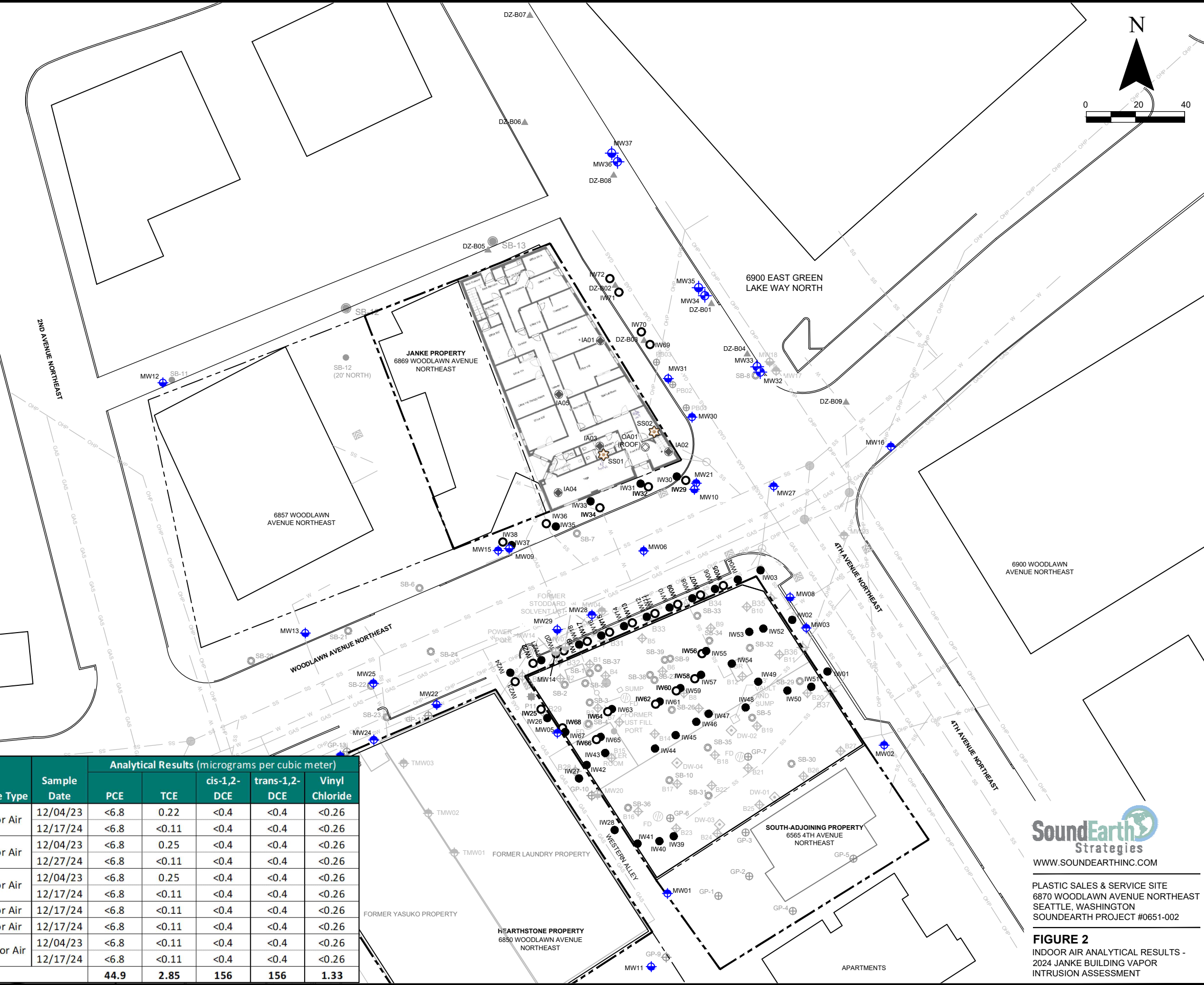
LEGEND

- INDOOR AIR SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- OUTDOOR AIR SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- SUB-SLAB SOIL GAS SAMPLE LOCATION  
(SOUNDEARTH 2023-2024)
- CATCH BASIN
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- SHALLOW-ZONE MONITORING WELL
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DICHLOROETHENE
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WASHINGTON STATE MODEL TOXICS CONTROL ACT
- PCE  
TETRACHLOROETHENE
- TCE  
TRICHLOROETHENE

- NOTES:
1.

FIGURE DERIVED FROM BASEMAP BY FARALLON CONSULTING, 2010.

| Sample Location ID                                      | Location                                   | Sample Type | Sample Date | Analytical Results (micrograms per cubic meter) |       |             |               |                |
|---------------------------------------------------------|--------------------------------------------|-------------|-------------|-------------------------------------------------|-------|-------------|---------------|----------------|
|                                                         |                                            |             |             | PCE                                             | TCE   | cis-1,2-DCE | trans-1,2-DCE | Vinyl Chloride |
| IA01                                                    | Northeastern portion of Janke building     | Indoor Air  | 12/04/23    | <6.8                                            | 0.22  | <0.4        | <0.4          | <0.26          |
|                                                         |                                            |             | 12/17/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| IA02                                                    | Southeastern corner of Janke building      | Indoor Air  | 12/04/23    | <6.8                                            | 0.25  | <0.4        | <0.4          | <0.26          |
|                                                         |                                            |             | 12/27/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| IA03                                                    | Southern portion of Janke building         | Indoor Air  | 12/04/23    | <6.8                                            | 0.25  | <0.4        | <0.4          | <0.26          |
|                                                         |                                            |             | 12/17/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| IA04                                                    | Southwestern portion of Janke building     | Indoor Air  | 12/17/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| IA05                                                    | Central portion of Janke building          | Indoor Air  | 12/17/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| OA01                                                    | Southeastern corner of Janke building roof | Outdoor Air | 12/04/23    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
|                                                         |                                            |             | 12/17/24    | <6.8                                            | <0.11 | <0.4        | <0.4          | <0.26          |
| MTCA Indoor Air Screening Levels for Commercial Workers |                                            |             |             | 44.9                                            | 2.85  | 156         | 156           | 1.33           |



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FIGURE 2  
INDOOR AIR ANALYTICAL RESULTS -  
2024 JANKE BUILDING VAPOR  
INTRUSION ASSESSMENT

## TABLES



**Table 1**  
**Summary of Sub-Slab Soil Gas Analytical Results**  
**Plastic Sales and Service Site (Janke Building)**  
**6870 Woodlawn Avenue Northeast**  
**Seattle, Washington**

| Sample Location ID                                             | Sample ID     | Location                                        | Sampled By | Sample Date | Analytical Results <sup>(1)</sup><br>(µg/m <sup>3</sup> ) |                   |                      |                      |                   |
|----------------------------------------------------------------|---------------|-------------------------------------------------|------------|-------------|-----------------------------------------------------------|-------------------|----------------------|----------------------|-------------------|
|                                                                |               |                                                 |            |             | PCE                                                       | TCE               | cis-1,2-DCE          | trans-1,2-DCE        | Vinyl Chloride    |
| SS01                                                           | SS01-20231204 | Janke building - southeastern crawl space hatch | SoundEarth | 12/04/23    | <37                                                       | <0.59             | <2.2                 | <2.2                 | <1.4              |
|                                                                | SS01-20241217 |                                                 |            | 12/17/24    | <59                                                       | <0.94             | <3.4                 | <3.4                 | <2.2              |
| SS02                                                           | SS02-20231204 | Janke building - southern crawl space hatch     |            | 12/04/23    | <37                                                       | <0.59             | <2.2                 | <2.2                 | <1.4              |
|                                                                | SS02-20241217 |                                                 |            | 12/17/24    | <61                                                       | <0.97             | <3.6                 | <3.6                 | <2.3              |
| MTCA Sub-Slab Soil Gas Screening Levels for Commercial Workers |               |                                                 |            |             | 1,500 <sup>(2)</sup>                                      | 95 <sup>(2)</sup> | 5,200 <sup>(3)</sup> | 5,200 <sup>(3)</sup> | 44 <sup>(2)</sup> |

**NOTES:**

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

<sup>(1)</sup>Analyzed by EPA Method TO-15.

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

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

µg/m<sup>3</sup> = microgram per cubic meter

< = concentration not detected above the laboratory reporting limit

CLARC = Cleanup Levels and Risk Calculations

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene



**Table 2**  
**Summary of Indoor Air Analytical Results**  
**Plastic Sales and Service Site (Janke Building)**  
**6870 Woodlawn Avenue Northeast**  
**Seattle, Washington**

| Sample Location ID                                      | Sample ID     | Location                                   | Sampled by | Sample Type | Sample Date | Analytical Results <sup>(1)</sup><br>(µg/m <sup>3</sup> ) |                     |                    |                    |                     |
|---------------------------------------------------------|---------------|--------------------------------------------|------------|-------------|-------------|-----------------------------------------------------------|---------------------|--------------------|--------------------|---------------------|
|                                                         |               |                                            |            |             |             | PCE                                                       | TCE                 | cis-1,2-DCE        | trans-1,2-DCE      | Vinyl Chloride      |
| IA01                                                    | IA01-20231204 | Northeastern portion of Janke building     | SoundEarth | Indoor Air  | 12/04/23    | <6.8                                                      | 0.22                | <0.4               | <0.4               | <0.26               |
|                                                         | 12/17/24      |                                            |            |             | <6.8        | <0.11                                                     | <0.4                | <0.4               | <0.26              |                     |
| IA02                                                    | IA02-20231204 | Southeastern corner of Janke building      |            | Indoor Air  | 12/04/23    | <6.8                                                      | 0.25                | <0.4               | <0.4               | <0.26               |
|                                                         | 12/27/24      |                                            |            |             | <6.8        | <0.11                                                     | <0.4                | <0.4               | <0.26              |                     |
| IA03                                                    | IA03-20231204 | Southern portion of Janke building         |            | Indoor Air  | 12/04/23    | <6.8                                                      | 0.25                | <0.4               | <0.4               | <0.26               |
|                                                         | IA03-20241217 |                                            |            |             | 12/17/24    | <6.8                                                      | <0.11               | <0.4               | <0.4               | <0.26               |
| IA04                                                    | IA04-20241217 | Southwestern portion of Janke building     |            | Indoor Air  | 12/17/24    | <6.8                                                      | <0.11               | <0.4               | <0.4               | <0.26               |
| IA05                                                    | IA05-20241217 | Central portion of Janke building          |            | Indoor Air  | 12/17/24    | <6.8                                                      | <0.11               | <0.4               | <0.4               | <0.26               |
| OA01                                                    | OA01-20231204 | Southeastern corner of Janke building roof |            | Outdoor Air | 12/04/23    | <6.8                                                      | <0.11               | <0.4               | <0.4               | <0.26               |
|                                                         | OA01-20241217 |                                            |            |             | 12/17/24    | <6.8                                                      | <0.11               | <0.4               | <0.4               | <0.26               |
| MTCA Indoor Air Screening Levels for Commercial Workers |               |                                            |            |             |             | 44.9 <sup>(2)</sup>                                       | 2.85 <sup>(2)</sup> | 156 <sup>(3)</sup> | 156 <sup>(3)</sup> | 1.33 <sup>(2)</sup> |

**NOTES:**

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

<sup>(1)</sup> Analyzed by EPA Method TO-15.

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

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

µg/m<sup>3</sup> = microgram per cubic meter

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CLARC = Cleanup Levels and Risk Calculations

DCE = dichloroethene

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

PCE = tetrachloroethylene

SoundEarth = SoundEarth Strategies, Inc.

TCE = trichloroethene

**ATTACHMENT A**  
**LABORATORY 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.

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(206) 285-8282  
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www.friedmanandbruya.com

December 24, 2024

Tom Cammarata, Project Manager  
SoundEarth Strategies  
1011 SW Klickitat Way, Suite 104  
Seattle, WA 98134

Dear Mr Cammarata:

Included are the results from the testing of material submitted on December 18, 2024 from the SOU\_0651-002\_20241218, F&BI 412328 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: Clare Tochilin  
SOU1224R.DOC

## FRIEDMAN & BRUYA, INC.

### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on December 18, 2024 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU\_0651-002\_20241218, F&BI 412328 project. Samples were logged in under the laboratory ID's listed below.

| <u>Laboratory ID</u> | <u>SoundEarth Strategies</u> |
|----------------------|------------------------------|
| 412328 -01           | IA01-20241217                |
| 412328 -02           | IA02-20241217                |
| 412328 -03           | IA03-20241217                |
| 412328 -04           | IA04-20241217                |
| 412328 -05           | IA05-20241217                |
| 412328 -06           | OA01-20241217                |

All quality control requirements were acceptable.

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | IA01-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-01             |
| Date Analyzed:    | 12/21/24      | Data File:  | 122021.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | Limit: |
| 4-Bromofluorobenzene | 100       | 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    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | IA02-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-02             |
| Date Analyzed:    | 12/21/24      | Data File:  | 122020.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | 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          | <0.11         | <0.02 |
| Tetrachloroethene        | <6.8          | <1    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | IA03-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-03             |
| Date Analyzed:    | 12/21/24      | Data File:  | 122019.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | 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          | <0.11         | <0.02 |
| Tetrachloroethene        | <6.8          | <1    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | IA04-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-04             |
| Date Analyzed:    | 12/21/24      | Data File:  | 122018.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | 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    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | IA05-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-05             |
| Date Analyzed:    | 12/20/24      | Data File:  | 122017.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

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

|                          | Concentration |       |
|--------------------------|---------------|-------|
| Compounds:               | 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    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | OA01-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/17/24      | Lab ID:     | 412328-06             |
| Date Analyzed:    | 12/20/24      | Data File:  | 122016.D              |
| Matrix:           | Air           | Instrument: | GCMS7                 |
| Units:            | ug/m3         | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | 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    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |                |             |                       |
|-------------------|----------------|-------------|-----------------------|
| Client Sample ID: | Method Blank   | Client:     | SoundEarth Strategies |
| Date Received:    | Not Applicable | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | Not Applicable | Lab ID:     | 04-2963 MB            |
| Date Analyzed:    | 12/20/24       | Data File:  | 122011.D              |
| Matrix:           | Air            | Instrument: | GCMS7                 |
| Units:            | ug/m3          | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | Limit: |
| 4-Bromofluorobenzene | 97        | 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    |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/24/24

Date Received: 12/18/24

Project: SOU\_0651-002\_20241218, F&BI 412328

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

Laboratory Code: 412230-02 (Duplicate)

| Analyte                  | Reporting<br>Units | Sample<br>Result | Duplicate<br>Result | RPD<br>(Limit 25) |
|--------------------------|--------------------|------------------|---------------------|-------------------|
| Vinyl chloride           | ug/m3              | <0.26            | <0.26               | nm                |
| trans-1,2-Dichloroethene | ug/m3              | 0.55             | 0.57                | 4                 |
| cis-1,2-Dichloroethene   | ug/m3              | <0.4             | <0.4                | nm                |
| Trichloroethene          | ug/m3              | 0.29             | 0.30                | 3                 |
| Tetrachloroethene        | ug/m3              | <6.8             | <6.8                | nm                |

Laboratory Code: Laboratory Control Sample

| Analyte                  | Reporting<br>Units | Spike<br>Level | Percent<br>Recovery<br>LCS | Acceptance<br>Criteria |
|--------------------------|--------------------|----------------|----------------------------|------------------------|
| Vinyl chloride           | ug/m3              | 35             | 118                        | 70-130                 |
| trans-1,2-Dichloroethene | ug/m3              | 54             | 111                        | 70-130                 |
| cis-1,2-Dichloroethene   | ug/m3              | 54             | 114                        | 70-130                 |
| Trichloroethene          | ug/m3              | 73             | 110                        | 70-130                 |
| Tetrachloroethene        | ug/m3              | 92             | 114                        | 70-130                 |

# FRIEDMAN & BRUYA, INC.

## 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 between the method detection limit and the lowest calibration point. 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.

412328

## SAMPLE CHAIN OF CUSTODY

M 12-18-24

Page # 1 of 1

Send Report to Tom Cammarata, Clare Tochlin

Company SoundEarth Strategies, Inc.

Address 1011 Southwest Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature)

PROJECT NAME/NO.

PO #

Plastics Sales &amp; Service

0651-002

REMARKS

Indoor Air Reporting Levels

TURNAROUND TIME

(Standard (2 Weeks))

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

| Sample ID                 | Lab ID | Canister ID | Flow Controller ID | Date Sampled | Field Initial Pressure (Inches of Hg) | Field Initial Time | Field Final Pressure (Inches of Hg) | Field Final Time | PCE, TCE, cis- and trans-1,2-DCE, Vinyl Chloride | ANALYSES REQUESTED |  | Notes |
|---------------------------|--------|-------------|--------------------|--------------|---------------------------------------|--------------------|-------------------------------------|------------------|--------------------------------------------------|--------------------|--|-------|
|                           |        |             |                    |              |                                       |                    |                                     |                  |                                                  |                    |  |       |
| IA01-20241217             | 01     | 21453       | 07870              | 12/17/24     | -28                                   | 0759               | -5                                  | 1548             | X                                                |                    |  |       |
| IA02-20241217             | 02     | 18576       | 07847              |              | -18.5                                 | 0829               | -5                                  | 1530             | X                                                |                    |  |       |
| IA03-20241217             | 03     | 20545       | 06604              |              | -29                                   | 0841               | -6                                  | 1609             | X                                                |                    |  |       |
| IA04-20241217             | 04     | 37228       | 20491              |              | -29.5                                 | 0713               | 0                                   | 1510             | X                                                |                    |  |       |
| IA05-20241217             | 05     | 37083       | 20487              |              | -30                                   | 0813               | -6                                  | 1545             | X                                                |                    |  |       |
| OAO1-20241217             | 06     | 35335       | 07851              |              | -30                                   | 0904               | -4.5                                | 1626             | X                                                |                    |  |       |
| Samples received at 16 °C |        |             |                    |              |                                       |                    |                                     |                  |                                                  |                    |  |       |
| 12/17/24                  |        |             |                    |              |                                       |                    |                                     |                  |                                                  |                    |  |       |

Friedman &amp; Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE

PRINT NAME

COMPANY

DATE

TIME

Relinquished by:

JONATHAN LEEFFER

SOUNDEARTH

12/18/24

1025

Received by:

Duan Phan

FEB 1

12/18/24

1025

Relinquished by:

Duan Phan

FEB 1

12/18/24

1025

Received by:

Duan Phan

FEB 1

12/18/24

1025

PROJECT # 412320 CLIENT Sound INITIALS/ (DP) DATE: 12/18/24

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

Cooler/Sample temperature 16 °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/ EW  
\*or other representative documents, letters, and/or shipping memos Date: 12/18

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        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | _____ | <input type="checkbox"/> Not on COC/label |
| Date Sampled       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | _____ | <input type="checkbox"/> Not on COC/label |
| Time Sampled       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | _____ | <input type="checkbox"/> Not on COC/label |
| # of Containers    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | _____ |                                           |
| Relinquished       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | _____ |                                           |
| Requested analysis | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 \_\_\_\_\_

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

January 2, 2025

Tom Cammarata, Project Manager  
SoundEarth Strategies  
1011 SW Klickitat Way, Suite 104  
Seattle, WA 98134

Dear Mr Cammarata:

Included are the results from the testing of material submitted on December 18, 2024 from the SOU\_0651-002\_20241218, F&BI 412329 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: Clare Tochilin  
SOU0102R.DOC

## FRIEDMAN & BRUYA, INC.

### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on December 18, 2024 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU\_0651-002\_20241218, F&BI 412329 project. Samples were logged in under the laboratory ID's listed below.

| <u>Laboratory ID</u> | <u>SoundEarth Strategies</u> |
|----------------------|------------------------------|
| 412329 -01           | SS01-20241217                |
| 412329 -02           | SS02-20241217                |

All quality control requirements were acceptable.

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | SS01-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/18/24      | Lab ID:     | 412329-01 1/8.7       |
| Date Analyzed:    | 12/19/24      | Data File:  | 121830.D              |
| Matrix:           | Air           | Instrument: | GCMS8                 |
| Units:            | ug/m3         | Operator:   | bat                   |

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

| Compounds:               | Concentration |       |
|--------------------------|---------------|-------|
|                          | ug/m3         | ppbv  |
| Vinyl chloride           | <2.2          | <0.87 |
| trans-1,2-Dichloroethene | <3.4          | <0.87 |
| cis-1,2-Dichloroethene   | <3.4          | <0.87 |
| Trichloroethene          | <0.94         | <0.17 |
| Tetrachloroethene        | <59           | <8.7  |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |               |             |                       |
|-------------------|---------------|-------------|-----------------------|
| Client Sample ID: | SS02-20241217 | Client:     | SoundEarth Strategies |
| Date Received:    | 12/18/24      | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | 12/18/24      | Lab ID:     | 412329-02 1/9.0       |
| Date Analyzed:    | 12/19/24      | Data File:  | 121829.D              |
| Matrix:           | Air           | Instrument: | GCMS8                 |
| Units:            | ug/m3         | Operator:   | bat                   |

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

| Compounds:               | Concentration |       |
|--------------------------|---------------|-------|
|                          | ug/m3         | ppbv  |
| Vinyl chloride           | <2.3          | <0.9  |
| trans-1,2-Dichloroethene | <3.6          | <0.9  |
| cis-1,2-Dichloroethene   | <3.6          | <0.9  |
| Trichloroethene          | <0.97         | <0.18 |
| Tetrachloroethene        | <61           | <9    |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Volatile Compounds By Method TO-15

|                   |                |             |                       |
|-------------------|----------------|-------------|-----------------------|
| Client Sample ID: | Method Blank   | Client:     | SoundEarth Strategies |
| Date Received:    | Not Applicable | Project:    | SOU_0651-002_20241218 |
| Date Collected:   | Not Applicable | Lab ID:     | 04-2976 mb            |
| Date Analyzed:    | 12/18/24       | Data File:  | 121811.D              |
| Matrix:           | Air            | Instrument: | GCMS8                 |
| Units:            | ug/m3          | Operator:   | bat                   |

|                      | %         | Lower  | Upper  |
|----------------------|-----------|--------|--------|
| Surrogates:          | Recovery: | Limit: | 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    |

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/25

Date Received: 12/18/24

Project: SOU\_0651-002\_20241218, F&BI 412329

Date Extracted: 12/30/24

Date Analyzed: 12/30/24

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

Results Reported as % Helium

Sample ID

Laboratory ID

Helium

SS01-20241217

412329-01

<0.6

SS02-20241217

412329-02

0.7

Method Blank

O4-3084 MB

<0.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/25

Date Received: 12/18/24

Project: SOU\_0651-002\_20241218, F&BI 412329

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

Laboratory Code: 412294-04 1/8.5 (Duplicate)

| Analyte                  | Reporting<br>Units | Sample<br>Result | Duplicate<br>Result | RPD<br>(Limit 25) |
|--------------------------|--------------------|------------------|---------------------|-------------------|
| Vinyl chloride           | ug/m3              | <2.2             | <2.2                | nm                |
| trans-1,2-Dichloroethene | ug/m3              | <3.4             | <3.4                | nm                |
| cis-1,2-Dichloroethene   | ug/m3              | <3.4             | <3.4                | nm                |
| Trichloroethene          | ug/m3              | <0.91            | <0.91               | nm                |
| Tetrachloroethene        | ug/m3              | <58              | <58                 | nm                |

Laboratory Code: Laboratory Control Sample

| Analyte                  | Reporting<br>Units | Spike<br>Level | Percent<br>Recovery<br>LCS | Acceptance<br>Criteria |
|--------------------------|--------------------|----------------|----------------------------|------------------------|
| Vinyl chloride           | ug/m3              | 35             | 100                        | 70-130                 |
| trans-1,2-Dichloroethene | ug/m3              | 54             | 109                        | 70-130                 |
| cis-1,2-Dichloroethene   | ug/m3              | 54             | 106                        | 70-130                 |
| Trichloroethene          | ug/m3              | 73             | 108                        | 70-130                 |
| Tetrachloroethene        | ug/m3              | 92             | 113                        | 70-130                 |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/02/25

Date Received: 12/18/24

Project: SOU\_0651-002\_20241218, F&BI 412329

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

Laboratory Code: 412445-02 (Duplicate)

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

# FRIEDMAN & BRUYA, INC.

## 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 between the method detection limit and the lowest calibration point. 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.

412329

## SAMPLE CHAIN OF CUSTODY

ME 12-18-24

Page # 1 of 1

1

Send Report to Tom Cammarata, Clare Tochlin

Company SoundEarth Strategies, Inc.

Address 1011 Southwest Klickitat Way, Suite 212

City, State, ZIP Seattle, Washington 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLES (signature)

PROJECT NAME/NO.

Plastics Sales & Service  
0651-002

PO #

REMARKS

SOIL GAS Reporting Levels

TURNAROUND TIME  
Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days  
Return samples  
Will call with instructions

| Sample ID                                         | Lab ID | Canister ID | Flow Controller ID | Date Sampled | Field Initial Pressure (Inches of Hg) | Field Initial Time | Field Final Pressure (Inches of Hg) | Field Final Time | ANALYSES REQUESTED                               |        | Notes |
|---------------------------------------------------|--------|-------------|--------------------|--------------|---------------------------------------|--------------------|-------------------------------------|------------------|--------------------------------------------------|--------|-------|
|                                                   |        |             |                    |              |                                       |                    |                                     |                  | PCE, TCE, cis- and trans-1,2-DCE, Vinyl Chloride | HELIUM |       |
| SS01-20241217                                     | 01     | 9991        | 68                 | 12/17/24     | -30                                   | 1142               | <del>1042</del> -7                  | 1152             | X                                                | X      |       |
| SS02-20241217                                     | 02     | 9981        | 50                 | 12/17/24     | -27.5                                 | 1049               | -5                                  | 1054             | X                                                | X      |       |
| <div>Signature: <i>[Signature]</i> 12/17/24</div> |        |             |                    |              |                                       |                    |                                     |                  |                                                  |        |       |
| Samples received at <u>16</u> °C                  |        |             |                    |              |                                       |                    |                                     |                  |                                                  |        |       |

# SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 412329 CLIENT Sound INITIALS/ DATE: (DP) 12/18/24

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

Cooler/Sample temperature 16 °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/ EWB  
\*or other representative documents, letters, and/or shipping memos Date: 12/18

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        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | <input type="checkbox"/> Not on COC/label |
| Date Sampled       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | <input type="checkbox"/> Not on COC/label |
| Time Sampled       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      | <input type="checkbox"/> Not on COC/label |
| # of Containers    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      |                                           |
| Relinquished       | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      |                                           |
| Requested analysis | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 \_\_\_\_\_