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

August 1, 2022

ATTACHMENT E

Mr. Drew Zaborowski
Avenue 55, LLC
600 University Street, Suite 2305
Seattle, Washington 98101

SUBJECT: LIMITED SUBSURFACE SOIL INVESTIGATION REPORT
Redmond Flex
6900 188th Avenue Northeast, Redmond, Washington
SoundEarth Project Number: 0970-012-02
City of Redmond Project Number: LAND-2021-00474

Dear Mr. Zaborowski:

SoundEarth Strategies, Inc. (SoundEarth) has prepared this letter to present the results of the limited subsurface soil investigation (the SSI) activities performed at the Redmond Flex property at the address listed above in Redmond, Washington (the Property; Figure 1). The SSI was performed to evaluate soils at the Property ahead of planned construction and determine whether subsurface fill material beneath the Property contains contaminants at concentrations above the Washington State Model Toxic Control Act (MTCA) cleanup levels.

PROPERTY DESCRIPTION

According to review performed for the Phase I Environmental Site Assessment (ESA) conducted by SoundEarth in 2020, the Property currently consists of an irregular-shaped tax parcel (King County Parcel No. 128630-0012) that covers approximately 254,687 square feet (5.85 acres) of land in Township 25 North, Range 6 East, Section 25. Based on the King County iMap, the Property has an elevation of approximately 115 to 120 feet above mean sea level. The highest elevation is on the northeastern portion of the Property.

The Property is currently undeveloped. Several temporary structures and storage containers are present, including a mobile office trailer, sheds, dumpsters, truck and semi-trailers, and heavy equipment. Adjoining properties include gravel pits and associated areas operated by the Cadman Gravel Company (Cadman) to the north and east, Southeast Redmond Park to the south, and 188th Avenue Northeast followed by a FedEx Distribution Center to the west. Land use on surrounding properties is commercial, recreational, and mining.

The Property is planned to be redeveloped with one building and an associated parking lot, access road, and stormwater vault. Construction of the building would require excavation to a maximum of 9 feet below ground surface (bgs) in the area of a proposed stormwater vault on the northwestern portion of the Property.

HISTORICAL USES OF THE PROPERTY

According to review performed for SoundEarth's 2020 Phase I ESA, the Property was undeveloped from at least 1885 to 1943. Between 1965 and 1985, tree clearing occurred, and the Property was used for

agricultural purposes and as access roads to adjoining properties. As of 1990, the access roads and tree clearing were likely associated with the adjoining gravel mining operation. By at least 2001, the Property was occupied by Cadman. From 2009 to 2019, the western portion of the Property was occupied by a mobile building and gravel parking lot. The central portion of the Property was occupied by a storage yard.

PREVIOUS ENVIRONMENTAL REPORT

The prior environmental investigation completed at the Property is summarized below.

2020 SoundEarth Phase I Environmental Site Assessment

The following recognized environmental condition (REC) was identified during the 2020 Phase I ESA conducted by SoundEarth:

- **The potential presence of fill material beneath the Property.** Based on review of aerial photographs, the property was historically part of the operational Cadman gravel mine currently operating on north- and east-adjoining properties. During the Property reconnaissance, the north- and east-adjoining properties were at a significantly higher grade, suggesting that material may have been graded or added in the vicinity of the Property. In addition, up to 35 feet of fill material was encountered during redevelopment of the west-adjoining property. Impacts related to that fill material included petroleum hydrocarbons and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) in soil and arsenic in groundwater. The arsenic-impacted groundwater was reportedly a result of stormwater and process water discharged to groundwater from the nearby Cadman gravel mine. Conditions beneath the Property are potentially similar to those beneath the west-adjoining property. Therefore, the potential presence for fill material beneath the Property constitutes a REC.

LIMITED SUBSURFACE SOIL INVESTIGATION RESULTS

SoundEarth completed seven shallow test pits (TP01 through TP07) on the Property on May 12, 2021. The test pits ranged in depth from 3 to 5 feet bgs. Test pit locations were selected based on areas likely to be graded during planned redevelopment activities. Test pit locations are shown on the attached Figure 2. Soil conditions generally consisted of fill material including well-graded gravel with sand, clayey or silty sand with gravel, and poorly graded sand with gravel. Groundwater was not observed except in test pit TP02 at a depth of approximately 2.5 feet bgs. There were no obvious visual or olfactory indications of soil contamination, including odors, sheens, or staining. Soil analytical results are summarized in Tables 1 through 3 and discussed below.

Gasoline was detected at a concentration of 12 milligrams per kilogram (mg/kg) in TP01-05 at a depth of approximately 5 feet bgs, which is less than the MTCA Method A cleanup level of 100 mg/kg; no benzene was detected. Oil was also detected at a concentration of 350 mg/kg, which is below the MTCA Method A cleanup level of 2,000 mg/kg, in sample TP01-05 at the same depth. TP01 was located within the proposed stormwater retention vault located on the northwestern portion of the Property.

Petroleum was not detected in any of the samples collected from test pits TP02 through TP06. Metals were detected in all of the soil samples, but at concentrations typical of background levels. cPAHs were not detected in samples collected from TP01 through TP06. Based on these data, no special provisions are recommended from soil generated from areas at and surrounding TP02 through TP06 unless suspect contamination is observed during grading activities. Soil with detectable concentrations of petroleum that

is generated and intended for export from the Property around TP-01 may need to be segregated and disposed of at a disposal facility that accepts Class 2 petroleum waste.

cPAHs were detected at a concentration of 0.13 mg/kg, which is slightly above the MTCA Method A cleanup level of 0.1 mg/kg, in a sample from test pit TP07, located on the eastern portion of the Property. The sample containing the cPAH exceedance was collected from approximately 1 foot bgs. SoundEarth returned to the Property on June 4, 2021, to assess the extent of the cPAH impact. Three additional test pits were advanced (TP08 through TP10), each approximately 15 feet from TP07. One sample was collected from TP07 to determine whether the contamination exceeded depths further than 1 foot bgs, and one sample was collected from test pits TP08 through TP10. Results of the June 4, 2021, investigation indicated that cPAHs at concentrations above the MTCA Method A cleanup level did not extend deeper than depths of approximately 3 feet bgs, but cPAHs at concentrations above the MTCA Method A cleanup level did extend laterally toward the southwest. The laboratory analytical reports for the May 12 and June 4, 2021, investigations are included as Attachment A.

RECOMMENDATIONS

SoundEarth's recommended next steps include the following:

1. Petroleum-impacted soil excavated from the proposed stormwater vault, which is located on the northwestern portion of the Property, should be profiled and disposed of at a permitted facility rather than a clean fill site. Regulatory reporting is not currently necessary because petroleum concentrations are below cleanup levels.
2. The extent of shallow cPAH contamination surrounding TP07, located on the eastern portion of the Property, is unknown. SoundEarth recommends assessing soil conditions during redevelopment activities. Soil generated from this area should be transported to a Resource Conservation Recovery Act (RCRA) Subtitle D (non-hazardous) facility for disposal.
3. Create a soil management plan to provide guidance and direction to the earthwork contractor during redevelopment activities.
4. Create a final closeout report that documents the investigations conducted to date, future remedial excavation observations, sample analysis, and disposal records.

LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express 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, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. SoundEarth does not warrant the use of segregated portions of this report.

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.

Mindy Graddon, LG, PMP
Associate Scientist

Chris Carter
Managing Principal

Attachments: Figure 1, Property Location Map
Figure 2, Test Pit Locations
Table 1, Soil Analytical Results for TPH and BTEX
Table 2, Soil Analytical Results for RCRA 8 Metals
Table 3, Soil Analytical Results for PAHs
A, Laboratory Analytical Reports
Friedman & Bruya, Inc. 105213 and 106077

HCL:kar

FIGURES

P:\0970 AVENUE 55\0970-017 REDMOND PROPERTY\TECHNICAL\CAD\FIGURE 1\0970-017_FIG1.MXD

SoundEarth Strategies
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REDMOND FLEX
6900 188TH AVENUE NORTHEAST
REDMOND, WASHINGTON
SOUNDEARTH PROJECT #0970-017

FIGURE 1
PROPERTY LOCATION MAP

6/23/2021

GRAVEL PIT
18816 NORTHEAST 80TH STREET
PARCEL: 1286300010

N

0 30 60

APPROXIMATE SCALE IN FEET

TP01

TP02

TP03

TP04

TP05

TP06

TP07

TP08

TP09

TP10

VACANT
6900 188TH AVENUE NORTHEAST
PARCEL: 1286300012

188TH AVENUE NORTHEAST

PUBLIC RIGHT OF WAY
PARCEL: 8802000050

SOUTHEAST REDMOND PARK
PARCEL: 9510910650

GRAVEL PIT
PARCEL: 0725069033

LEGEND

AERIAL PHOTO DATE: 11/11/2020

PROPERTY BOUNDARY

PARCEL BOUNDARY

INFERRED GROUNDWATER FLOW DIRECTION BASED ON TOPOGRAPHY

TP01 TEST PIT LOCATION

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REDMOND FLEX
6900 188TH AVENUE NORTHEAST
REDMOND, WASHINGTON
SOUNDEARTH PROJECT #0970-017

FIGURE 2
TEST PIT LOCATIONS

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TABLES

Table 1
Soil Analytical Results for TPH and BTEX
Redmond Flex
6900 188th Avenue Northeast
Redmond, Washington

Test Pit ID	Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results (milligrams per kilogram)						
				GRPH[1]	DRPH[2]	ORPH[2]	Benzene[3]	Toluene[3]	Ethylbenzene[3]	Total Xylenes[3]
TP01	TP01-05	05/12/21	5	12	<50	350	<0.02	<0.02	<0.02	<0.06
TP02	TP02-02.5	05/12/21	2.5	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
TP03	TP03-01	05/12/21	1	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
TP04	TP04-01	05/12/21	1	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
TP05	TP05-01	05/12/21	1	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
TP06	TP06-01	05/12/21	1	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
TP07	TP07-01	05/12/21	1	<5	<50	<250	<0.02	<0.02	<0.02	<0.06
MTCA Cleanup Level for Soil[4]				**30**	**2,000**	**2,000**	**0.03**	**7**	**6**	**9**

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by Friedman & Bruya, Inc. of Seattle, WA.

[1]Analyzed by Method NWTPH-Gx.

[2]Analyzed by Method NWTPH-Dx.

[3]Analyzed by EPA Method 8021B.

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

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

bgs = below ground surface

BTEX = benzene, toluene, ethylbenzene, and total xylenes

DRPH = diesel-range petroleum hydrocarbons

EPA = US Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = oil-range petroleum hydrocarbons

TPH = total petroleum hydrocarbons

WAC = Washington Administrative Code

Table 2
Soil Analytical Results for RCRA 8 Metals
Redmond Flex
6900 188th Avenue Northest
Redmond, Washington

Test Pit ID	Sample ID	Date Sampled	Depth (feet bgs)	Analytical Results[(1)] (milligrams per kilogram)							
				Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
TP01	TP01-05	05/12/21	5	3.37	53.8	<1	20.2	8.98	<1	<1	<1
TP02	TP02-02.5	05/12/21	2.5	6.38	92.0	<1	24.7	9.98	<1	<1	<1
TP03	TP03-01	05/12/21	1	3.22	42.7	<1	22.2	2.85	<1	<1	<1
TP04	TP04-01	05/12/21	1	3.81	47.5	<1	21.5	7.75	<1	<1	<1
TP05	TP05-01	05/12/21	1	3.15	48.9	<1	19.0	9.17	<1	<1	<1
TP06	TP06-01	05/12/21	1	4.37	79.8	<1	27.3	10.1	<1	<1	<1
TP07	TP07-01	05/12/21	1	3.93	58.3	<1	25.5	20.1	<1	<1	<1
MTCA Cleanup Level for Soil				**20**[(2)]	**16,000**[(3)]	**2**[(2)]	**2,000**[(2)]	**250**[(2)]	**2**[(2)]	**400**[(3)]	**400**[(3)]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by Friedman & Bruya, Inc. of Seattle, WA.

[(1)]Samples analyzed by EPA Method 6020B.

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

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

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

bgs = below ground surface

CLARC = Cleanup Levels and Risk Calculations

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

RCRA = Resource Conservation and Recovery Act

WAC = Washington Administrative Code

Table 3
Soil Analytical Results for PAHs
Redmond Flex
6900 188th Avenue Northeast
Redmond, Washington

Test Pit ID	Sample ID	Date Sampled	cPAHs Toxicity Equivalency[1] (milligrams per kilogram)							TEQ[1] (milligrams per kilogram)
			Benzo(a)-anthracene TEF: 0.1	Chrysene TEF: 0.01	Benzo(a)pyrene TEF: 1	Benzo(b)-fluoranthene TEF: 0.1	Benzo(k)-fluoranthene TEF: 0.1	Indeno(1,2,3-cd)-pyrene TEF: 0.1	Dibenz(a,h)-anthracene TEF: 0.1	
TP01	TP01-05	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP02	TP02-02.5	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP03	TP03-01	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP04	TP04-01	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP05	TP05-01	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP06	TP06-01	05/12/21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.038
TP07	TP07-01	05/12/21	0.079	0.086	**0.13**	0.13	< 0.05	0.081	< 0.05	**0.165**
TP07	TP07-03	06/04/21	0.034	0.039	0.054	0.057	0.019	0.034	< 0.01	0.069
TP08	TP08-01	06/04/21	< 0.05	< 0.05	0.057	0.056	< 0.05	< 0.05	< 0.05	0.073
TP09	TP09-01	06/04/21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.008
TP10	TP10-01	06/04/21	0.070	0.076	**0.11**	0.11	< 0.05	< 0.05	< 0.05	**0.136**
MTCA Cleanup Level for Soil			**NE**	**NE**	**0.1**[2]	**NE**	**NE**	**NE**	**NE**	**0.1**[2]

NOTES:

Red denotes concentration exceeds MTCA cleanup level for soil.

Sample analyses conducted by Friedman & Bruya, Inc. of Seattle, WA.

Samples analyzed by EPA Method 8270E.

[1]Analytical result for each individual cPAH is multiplied by the TEF and all seven cPAH values are added. When analytical results are reported as less than the LRL, one-half of the LRL is multiplied by the TEF to calculate the TEQ.

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

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

cPAH = carcinogenic polycyclic aromatic hydrocarbon

EPA = US Environmental Protection Agency

MTCA = Washington State Model Toxics Control Act

NE = not established

TEF = toxicity equivalency factor

TEQ = toxicity equivalent

WAC = Washington Administrative Code

ATTACHMENT A

LABORATORY ANALYTICAL REPORTS

Friedman & Bruya, Inc. 105213 and 106077

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

3012 16th Avenue West
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fbi@isomedia.com
www.friedmanandbruya.com

May 21, 2021

Corey League, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

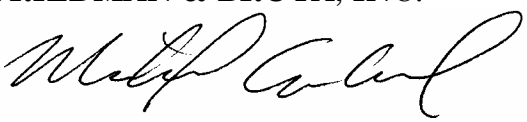
Dear Mr League:

Included are the results from the testing of material submitted on May 12, 2021 from the SOU_0970-017-02_ 20210512, F&BI 105213 project. There are 29 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: KSalley@soundearthinc.com
SOU0521R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 12, 2021 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0970-017-02_ 20210512, F&BI 105213 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
105213 -01	TP01-02
105213 -02	TP01-05
105213 -03	TP02-2.5
105213 -04	TP02-05
105213 -05	TP03-01
105213 -06	TP03-03
105213 -07	TP04-01
105213 -08	TP04-03
105213 -09	TP05-01
105213 -10	TP05-03
105213 -11	TP06-01
105213 -12	TP06-03
105213 -13	TP07-01
105213 -14	TP07-02

All quality control requirements were acceptable.

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213
Date Extracted: 05/17/21
Date Analyzed: 05/18/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
TP01-05 105213-02	<0.02	<0.02	<0.02	<0.06	12	90
TP02-2.5 105213-03	<0.02	<0.02	<0.02	<0.06	<5	87
TP03-01 105213-05	<0.02	<0.02	<0.02	<0.06	<5	88
TP04-01 105213-07	<0.02	<0.02	<0.02	<0.06	<5	87
TP05-01 105213-09	<0.02	<0.02	<0.02	<0.06	<5	91
TP06-01 105213-11	<0.02	<0.02	<0.02	<0.06	<5	90
TP07-01 105213-13	<0.02	<0.02	<0.02	<0.06	<5	76
Method Blank 01-1015 MB	<0.02	<0.02	<0.02	<0.06	<5	89

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213
Date Extracted: 05/14/21
Date Analyzed: 05/14/21

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 48-168)
TP01-05 105213-02	<50	350	82
TP02-2.5 105213-03	<50	<250	81
TP03-01 105213-05	<50	<250	82
TP04-01 105213-07	<50	<250	79
TP05-01 105213-09	<50	<250	82
TP06-01 105213-11	<50	<250	81
TP07-01 105213-13	<50	<250	78
Method Blank 01-1126 MB	<50	<250	87

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP01-05	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-02
Date Analyzed:	05/17/21	Data File:	105213-02.056
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.37
Barium	53.8
Cadmium	<1
Chromium	20.2
Lead	8.98
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP02-2.5	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-03
Date Analyzed:	05/18/21	Data File:	105213-03.038
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.38
Cadmium	<1
Chromium	24.7
Lead	9.98
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP02-2.5	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-03 x5
Date Analyzed:	05/19/21	Data File:	105213-03 x5.155
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Barium	92.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP03-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-05
Date Analyzed:	05/18/21	Data File:	105213-05.039
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.22
Barium	42.7
Cadmium	<1
Lead	2.85
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP03-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-05 x5
Date Analyzed:	05/18/21	Data File:	105213-05 x5.168
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	22.2

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP04-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-07
Date Analyzed:	05/18/21	Data File:	105213-07.050
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.81
Barium	47.5
Cadmium	<1
Chromium	21.5
Lead	7.75
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP05-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-09
Date Analyzed:	05/18/21	Data File:	105213-09.051
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.15
Barium	48.9
Cadmium	<1
Lead	9.17
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP05-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-09 x5
Date Analyzed:	05/18/21	Data File:	105213-09 x5.169
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	19.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP06-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-11
Date Analyzed:	05/18/21	Data File:	105213-11.056
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.37
Cadmium	<1
Lead	10.1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP06-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-11 x5
Date Analyzed:	05/18/21	Data File:	105213-11 x5.170
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Barium	79.8
Chromium	27.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP07-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-13
Date Analyzed:	05/18/21	Data File:	105213-13.057
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.93
Barium	58.3
Cadmium	<1
Lead	20.1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	TP07-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	105213-13 x5
Date Analyzed:	05/18/21	Data File:	105213-13 x5.171
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Chromium	25.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/17/21	Lab ID:	I1-315 mb
Date Analyzed:	05/17/21	Data File:	I1-315 mb.045
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	AP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Barium	<1
Cadmium	<1
Chromium	<1
Lead	<1
Mercury	<1
Selenium	<1
Silver	<1

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP01-05	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-02 1/25
Date Analyzed:	05/14/21	Data File:	051427.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	66 d	24	111
Phenol-d6	75 d	37	116
Nitrobenzene-d5	68 d	38	117
2-Fluorobiphenyl	75 d	45	117
2,4,6-Tribromophenol	67 d	11	158
Terphenyl-d14	85 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP02-2.5	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-03 1/25
Date Analyzed:	05/14/21	Data File:	051426.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	64 d	24	111
Phenol-d6	72 d	37	116
Nitrobenzene-d5	62 d	38	117
2-Fluorobiphenyl	67 d	45	117
2,4,6-Tribromophenol	62 d	11	158
Terphenyl-d14	82 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP03-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-05 1/25
Date Analyzed:	05/14/21	Data File:	051420.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	66 d	24	111
Phenol-d6	72 d	37	116
Nitrobenzene-d5	66 d	38	117
2-Fluorobiphenyl	73 d	45	117
2,4,6-Tribromophenol	52 d	11	158
Terphenyl-d14	80 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP04-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-07 1/25
Date Analyzed:	05/14/21	Data File:	051421.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	56 d	24	111
Phenol-d6	76 d	37	116
Nitrobenzene-d5	72 d	38	117
2-Fluorobiphenyl	76 d	45	117
2,4,6-Tribromophenol	59 d	11	158
Terphenyl-d14	83 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP05-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-09 1/25
Date Analyzed:	05/14/21	Data File:	051422.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	66 d	24	111
Phenol-d6	74 d	37	116
Nitrobenzene-d5	67 d	38	117
2-Fluorobiphenyl	77 d	45	117
2,4,6-Tribromophenol	61 d	11	158
Terphenyl-d14	85 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP06-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-11 1/25
Date Analyzed:	05/14/21	Data File:	051424.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	64 d	24	111
Phenol-d6	72 d	37	116
Nitrobenzene-d5	66 d	38	117
2-Fluorobiphenyl	75 d	45	117
2,4,6-Tribromophenol	61 d	11	158
Terphenyl-d14	81 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	<0.05
Benzo(b)fluoranthene	<0.05
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP07-01	Client:	SoundEarth Strategies
Date Received:	05/12/21	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	105213-13 1/25
Date Analyzed:	05/14/21	Data File:	051423.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	70 d	24	111
Phenol-d6	79 d	37	116
Nitrobenzene-d5	69 d	38	117
2-Fluorobiphenyl	78 d	45	117
2,4,6-Tribromophenol	68 d	11	158
Terphenyl-d14	89 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.079
Chrysene	0.086
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	0.081
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0970-017-02_ 20210512
Date Extracted:	05/14/21	Lab ID:	01-1121 mb2 1/5
Date Analyzed:	05/14/21	Data File:	051407.D
Matrix:	Soil	Instrument:	GCMS12
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	80	50	150
Phenol-d6	85	50	150
Nitrobenzene-d5	87	50	150
2-Fluorobiphenyl	89	50	150
2,4,6-Tribromophenol	73	50	150
Terphenyl-d14	96	50	150

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 105276-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	0.091	<0.06	nm
Gasoline	mg/kg (ppm)	26	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	102	69-120
Toluene	mg/kg (ppm)	0.5	106	70-117
Ethylbenzene	mg/kg (ppm)	0.5	106	65-123
Xylenes	mg/kg (ppm)	1.5	107	66-120
Gasoline	mg/kg (ppm)	20	100	71-131

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: 105213-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	94	94	73-135	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	74-139

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 105213-02 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	90	97	75-125	7
Barium	mg/kg (ppm)	50	53.4	109	107	75-125	2
Cadmium	mg/kg (ppm)	10	<5	96	99	75-125	3
Chromium	mg/kg (ppm)	50	20.2	97	109	75-125	12
Lead	mg/kg (ppm)	50	8.31	94	100	75-125	6
Mercury	mg/kg (ppm	5	<5	95	97	75-125	2
Selenium	mg/kg (ppm)	5	<5	92	95	75-125	3
Silver	mg/kg (ppm)	10	<5	94	102	75-125	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	96	80-120
Barium	mg/kg (ppm)	50	101	80-120
Cadmium	mg/kg (ppm)	10	102	80-120
Chromium	mg/kg (ppm)	50	112	80-120
Lead	mg/kg (ppm)	50	105	80-120
Mercury	mg/kg (ppm)	5	101	80-120
Selenium	mg/kg (ppm)	5	102	80-120
Silver	mg/kg (ppm)	10	106	80-120

Date of Report: 05/21/21
Date Received: 05/12/21
Project: SOU_0970-017-02_ 20210512, F&BI 105213

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 105210-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	<0.01	82	80	50-150	2
Chrysene	mg/kg (ppm)	0.83	<0.01	84	81	50-150	4
Benzo(a)pyrene	mg/kg (ppm)	0.83	<0.01	82	80	50-150	2
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	<0.01	84	82	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	<0.01	83	77	50-150	7
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	<0.01	81	85	50-150	5
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	79	82	50-150	4

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	88	64-116
Chrysene	mg/kg (ppm)	0.83	90	66-119
Benzo(a)pyrene	mg/kg (ppm)	0.83	89	62-116
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	91	61-118
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	86	65-119
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	95	64-130
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	92	67-131

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. 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 lowest calibration standard. 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.

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

05-12-21

B12/VSS/POS

105213

Report To Corey League

Company SoundEarth

Address 1109 A Street, Ste 110

City, State, ZIP Tacoma, WA 98402

Phone 253-722-9693 Email Cleague@soundearthinc.com

SAMPLERS (*signature*) Kait Salley

PROJECT NAME: Redmond Property

PO #: 0970-017-02

REMARKS: ~~HOLD~~ cc: Ksalley@soundearthinc.com

Project specific RLs? - Yes / No

INVOICE TO

Page # _____ of _____

TURNAROUND TIME
- [X] Standard turnaround
- [ ] RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other _____
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	cPAHs EPA 8270	PCBs EPA 8082	RCRA 8 Metals				● - per CL 5/13/21 Notes
TP01-02	01A-F	1000	5/12	Soil	6	X	X				X		X				cPAHs only
TP01-05	02	1310	↓	↓	↓	●	●	●			●		●				~~Please Prioritize~~
~~TP01~~ TP02-2.5	03	1100				●	●	●			●		●				~~On HOLD~~
TP02-05	04	1320															
TP03-01	05	1215				●	●	●			●		●				
TP03-03	06	1330															
TP04-01	07	1340				●	●	●			●		●				
TP04-03	08	1345															
TP05-01	09	1355				●	●	●			●		●				
TP05-03	10	1400	↓	↓	↓	↓	↓				↓		↓				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kait Salley	Kait Salley	SES	5/12	1712
Received by:	Eric Han	F&B	5/12	1712
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

Samples received at 4 °C

105213

SAMPLE CHAIN OF CUSTODY

05-12-21

BI2/ A05/

Page # _____ of _____

Report To Corey League

Company Sound Earth

Address 1109 A St. Ste 110

City, State, ZIP Tacoma, WA 98402

Phone 253-722-9693 Email cleague@soundearthinc.com

SAMPLERS (*signature*) Kaidally

PROJECT NAME: Redmond Property

PO #: 0970-017-02

REMARKS: HOLD

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME

☒ Standard turnaround V55

☐ RUSH _____

Rush charges authorized by: _____

SAMPLE DISPOSAL

☐ Archive samples

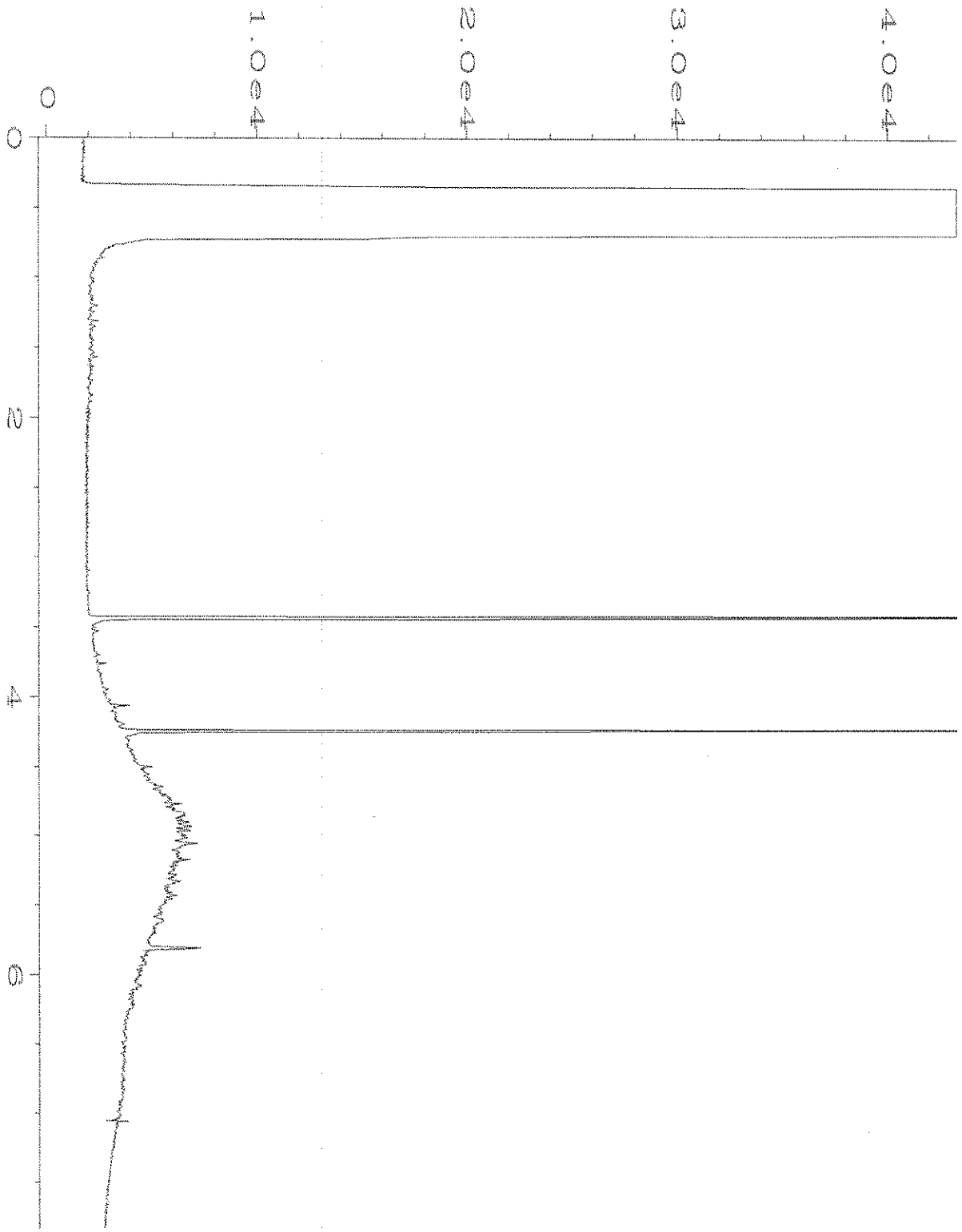
☐ Other _____

Default: Dispose after 30 days

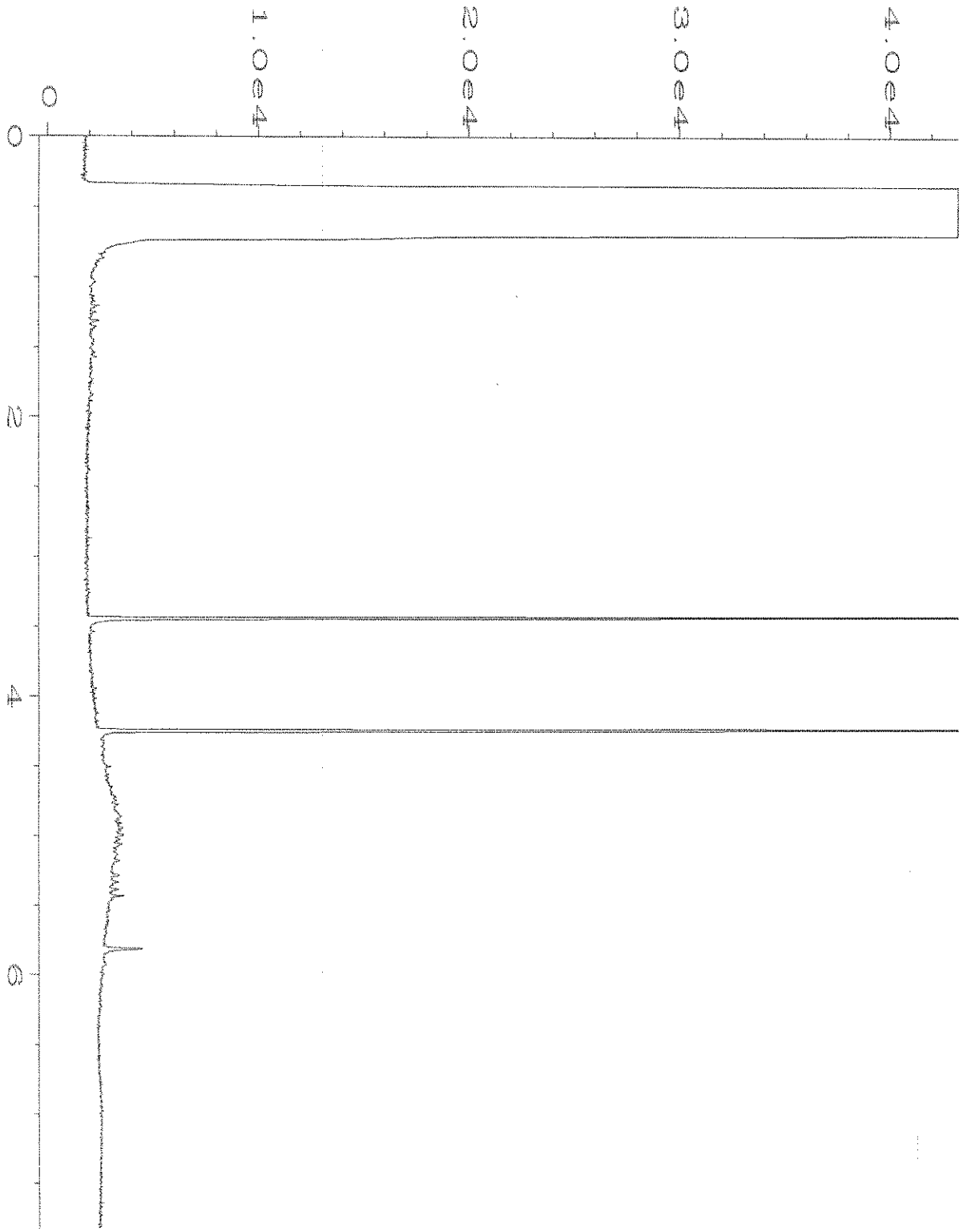
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	RCRA 8 Metals			Notes
		↔	↔			ANALYSES REQUESTED										
TP06-01	4A-F	1245	5/12	soil	6	●	●	●			●		●			cPAHs only
TP06-03	12	1420	↓	↓	↓	↓	↓				↓		↓			~~Please Place~~
TP07-01	13	1530	↓	↓	↓	●	●	●			●		●			~~on HOLD~~
TP07-02	14	1410	↓	↓	↓	↓	↓				↓		↓			

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kaidally	Kait Salley	SES	5/12	1712
Received by:	Eric Young	F+B	5/12	1712
Relinquished by:				
Received by:		Samples received at 4 °C		

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

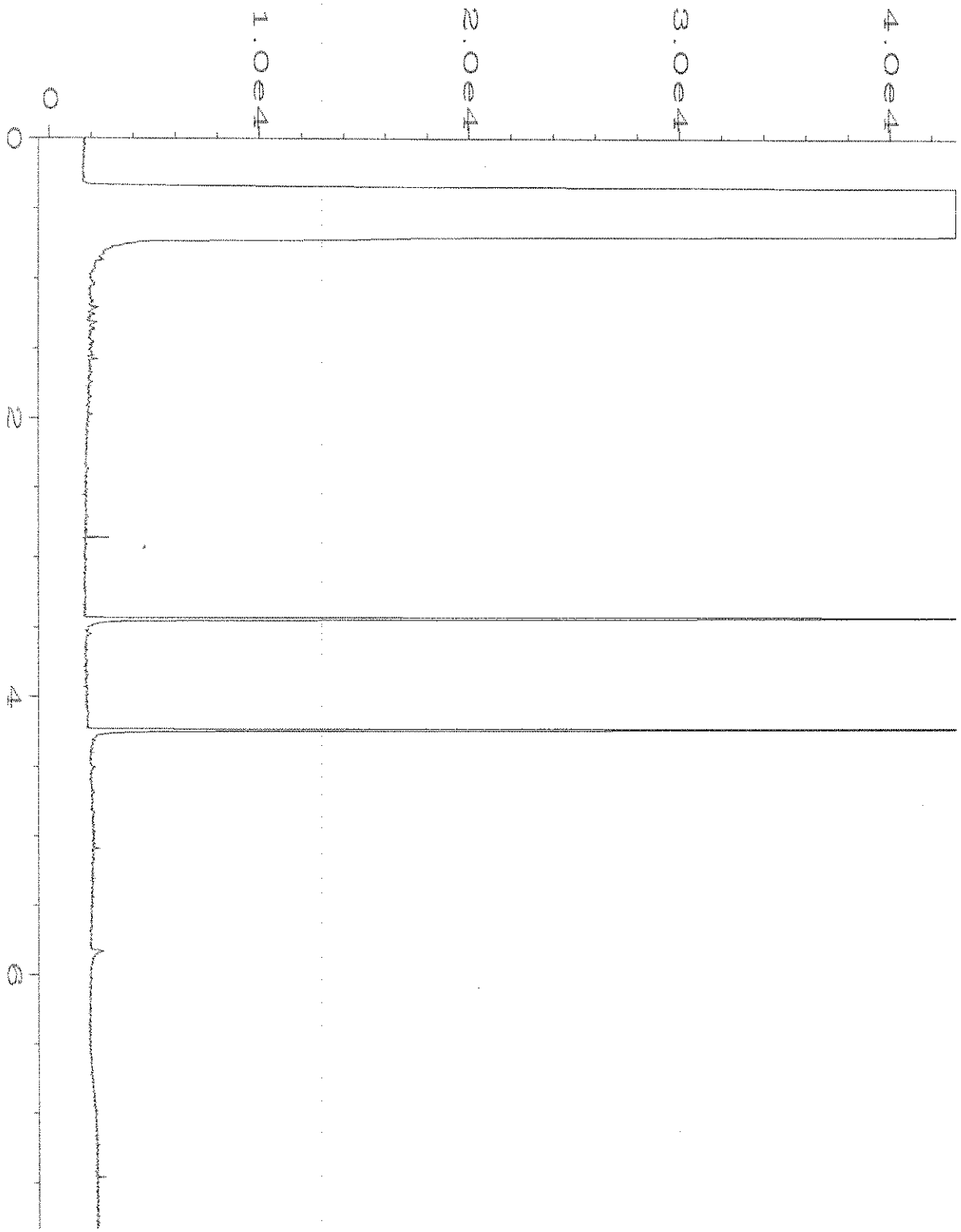


Data File Name	: C:\HPCHEM\4\DATA\05-14-21\014F0401.D		
Operator	: TL	Page Number	: 1
Instrument	: GC#4	Vial Number	: 14
Sample Name	: 105213-02	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 4
Acquired on	: 14 May 21 10:43 AM	Instrument Method	: DX.MTH
Report Created on	: 17 May 21 09:11 AM	Analysis Method	: DEFAULT.MTH



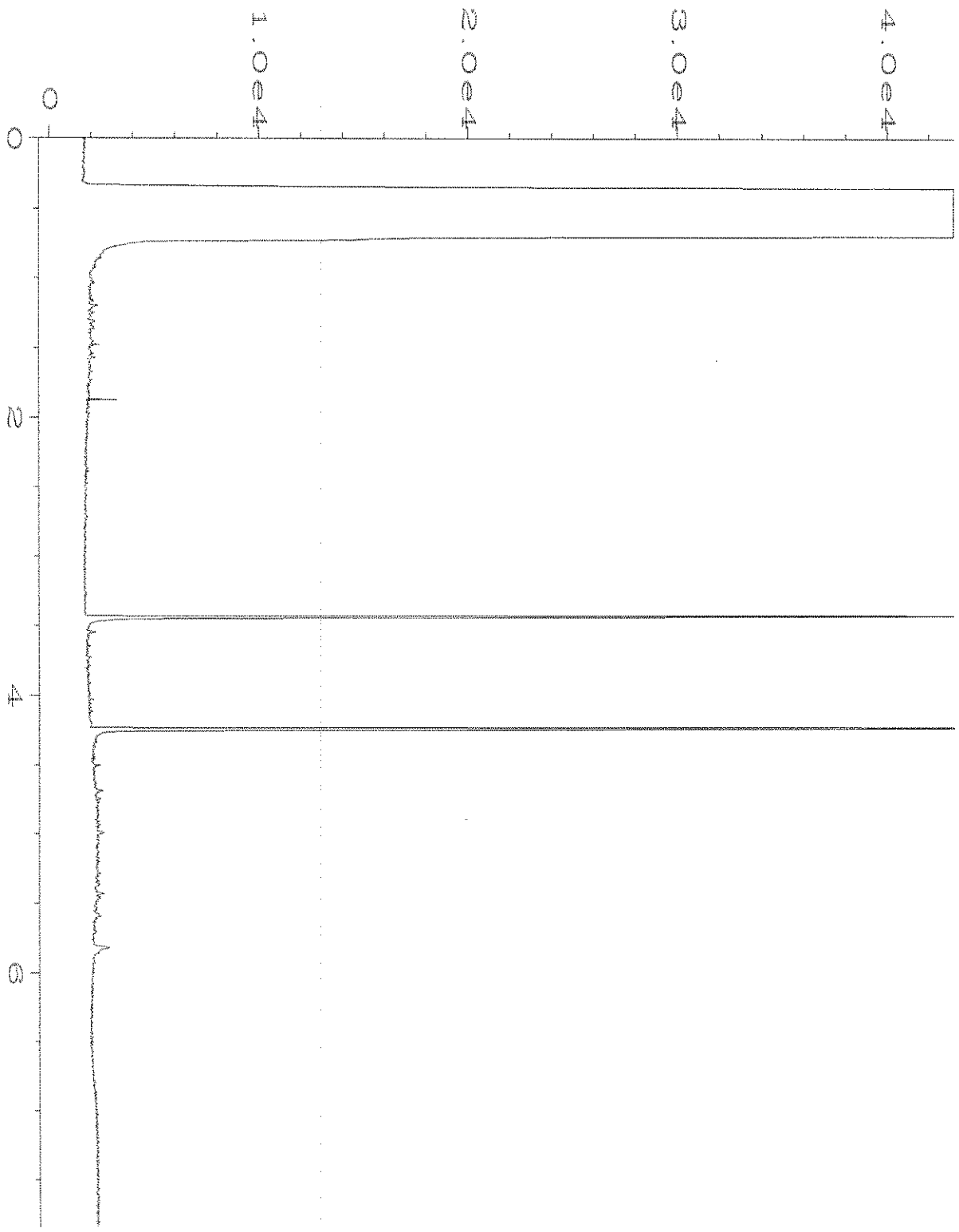
Data File Name : C:\HPCHEM\4\DATA\05-14-21\015F0401.D
Operator : TL
Instrument : GC#4
Sample Name : 105213-03
Run Time Bar Code:
Acquired on : 14 May 21 10:56 AM
Report Created on: 17 May 21 09:11 AM

Page Number : 1
Vial Number : 15
Injection Number : 1
Sequence Line : 4
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH



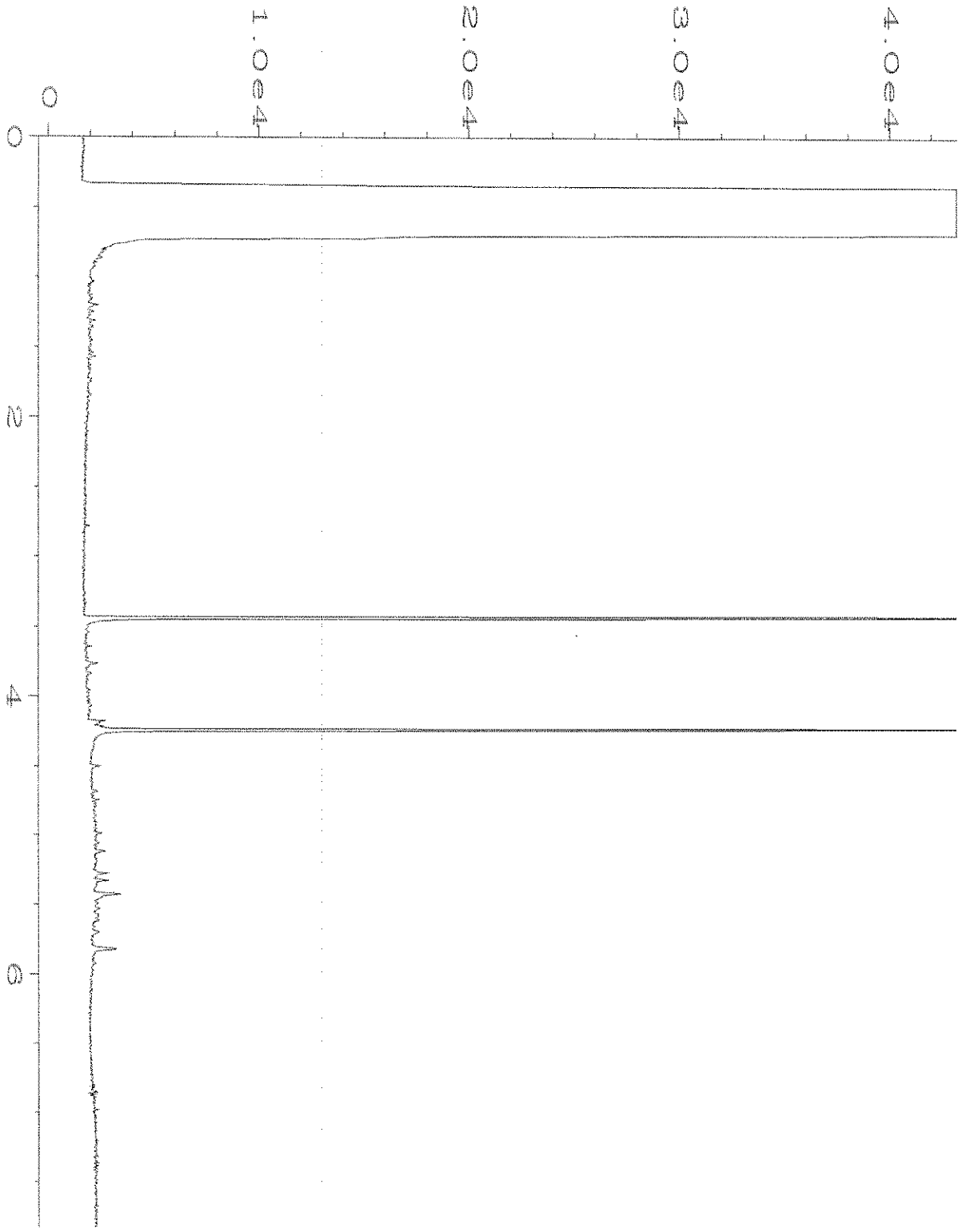
Data File Name : C:\HPCHEM\4\DATA\05-14-21\016F0901.D
Operator : TL
Instrument : GC#4
Sample Name : 105213-05
Run Time Bar Code:
Acquired on : 14 May 21 02:27 PM
Report Created on: 17 May 21 09:11 AM

Page Number : 1
Vial Number : 16
Injection Number : 1
Sequence Line : 9
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH



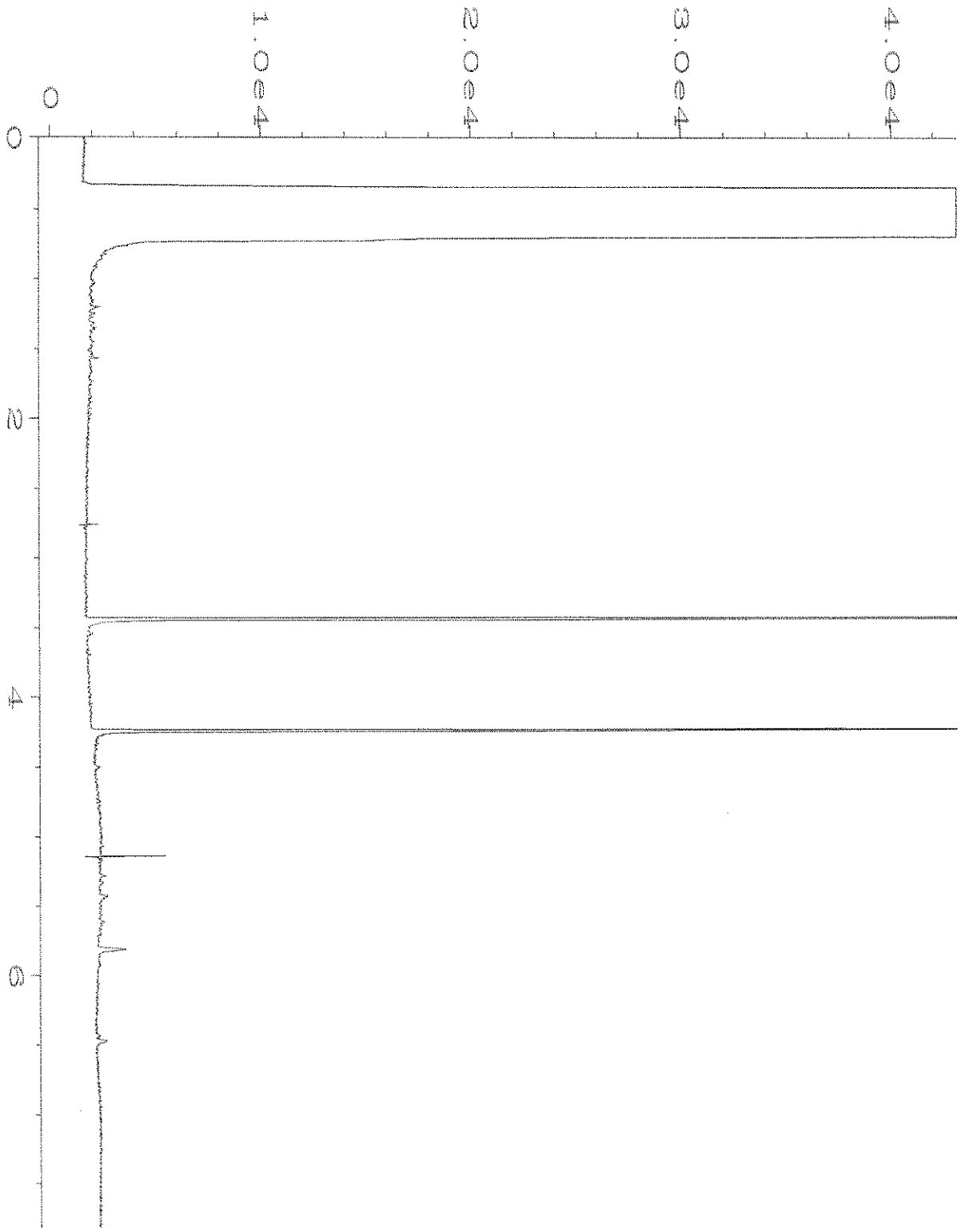
Data File Name : C:\HPCHEM\4\DATA\05-14-21\017F0901.D
Operator : TL
Instrument : GC#4
Sample Name : 105213-07
Run Time Bar Code:
Acquired on : 14 May 21 02:40 PM
Report Created on: 17 May 21 09:11 AM

Page Number : 1
Vial Number : 17
Injection Number : 1
Sequence Line : 9
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH



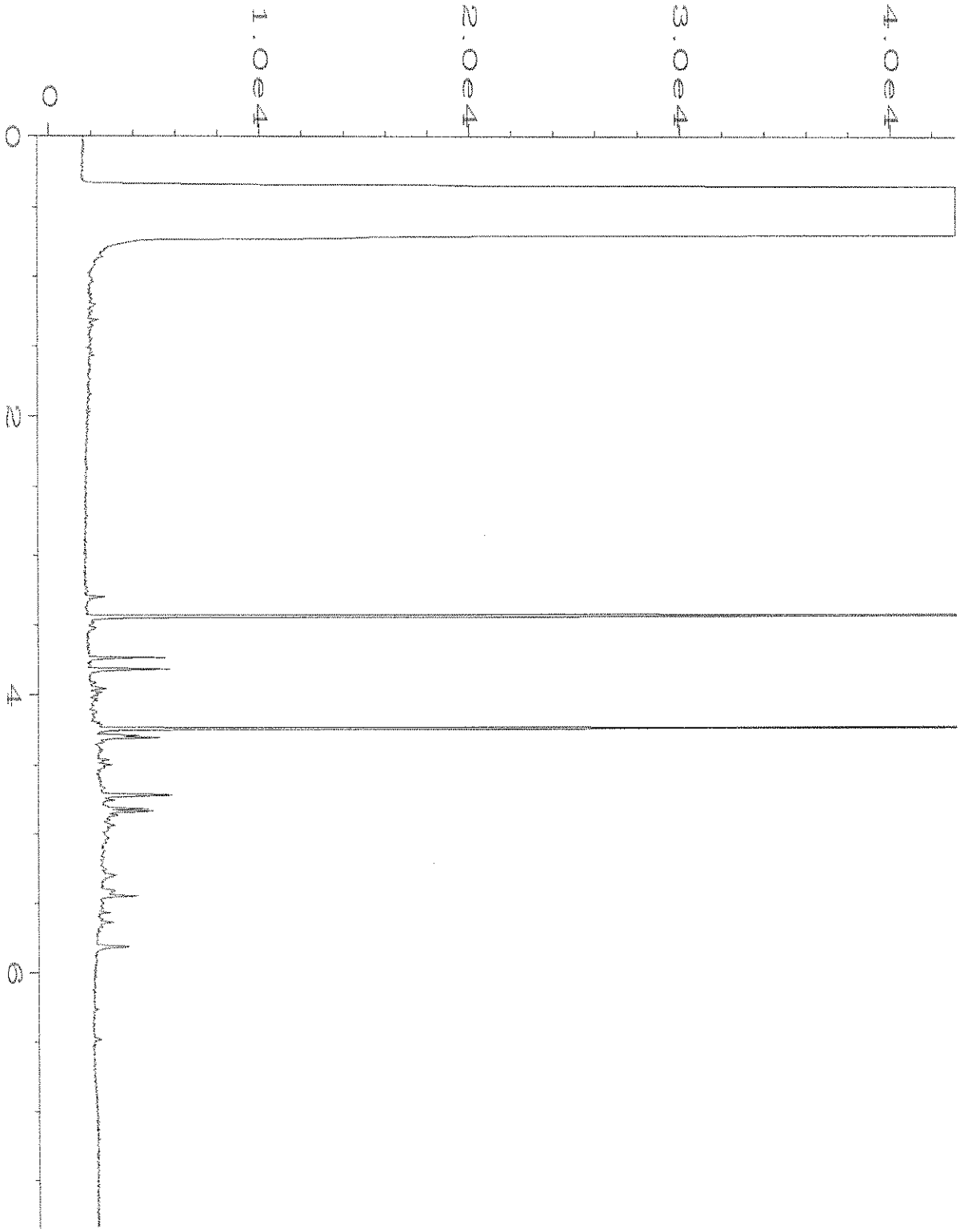
Data File Name : C:\HPCHEM\4\DATA\05-14-21\018F0901.D
Operator : TL
Instrument : GC#4
Sample Name : 105213-09
Run Time Bar Code:
Acquired on : 14 May 21 02:53 PM
Report Created on: 17 May 21 09:13 AM

Page Number : 1
Vial Number : 18
Injection Number : 1
Sequence Line : 9
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH

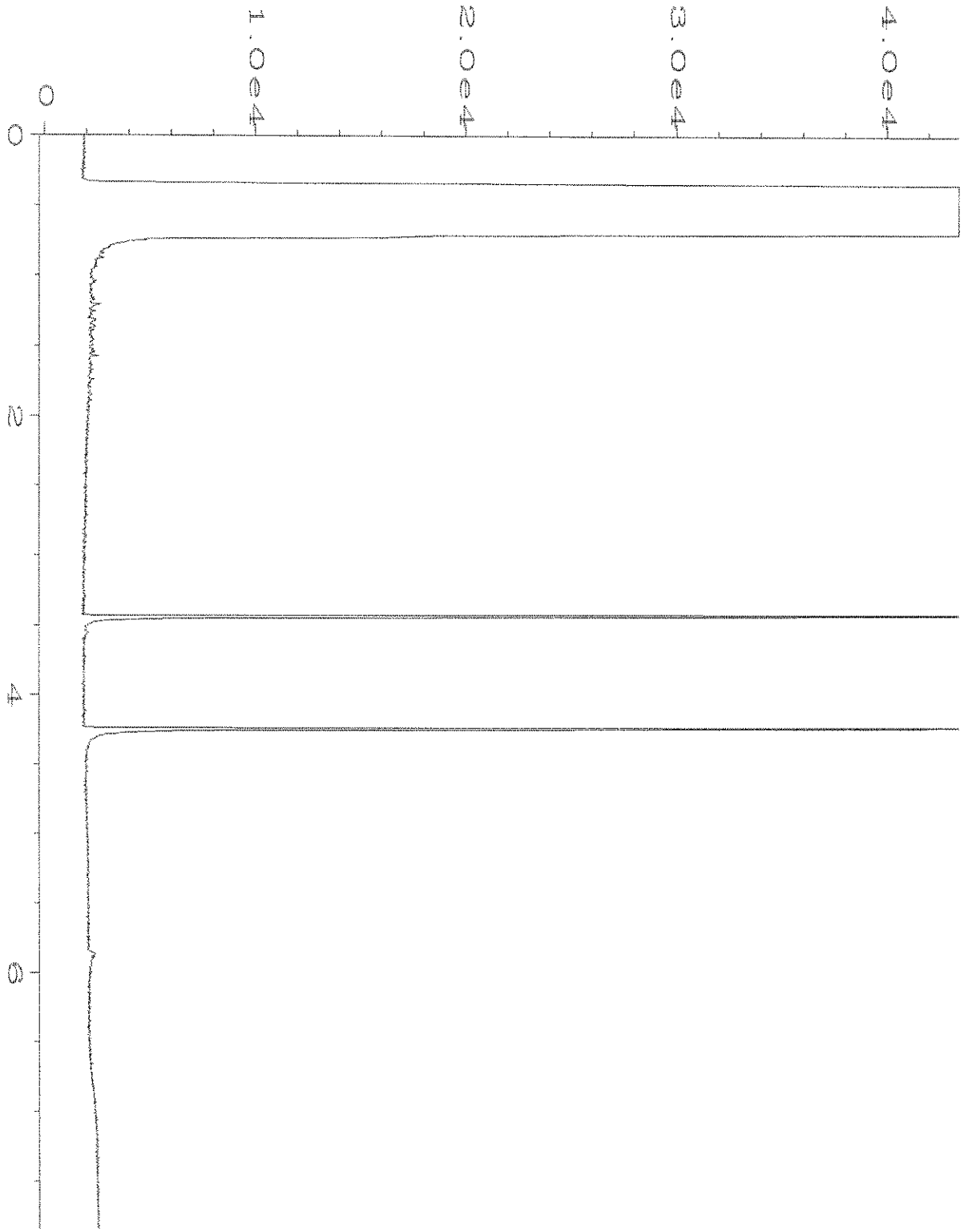


Data File Name : C:\HPCHEM\4\DATA\05-14-21\019F0901.D
Operator : TL
Instrument : GC#4
Sample Name : 105213-11
Run Time Bar Code:
Acquired on : 14 May 21 03:05 PM
Report Created on: 17 May 21 09:13 AM

Page Number : 1
Vial Number : 19
Injection Number : 1
Sequence Line : 9
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH

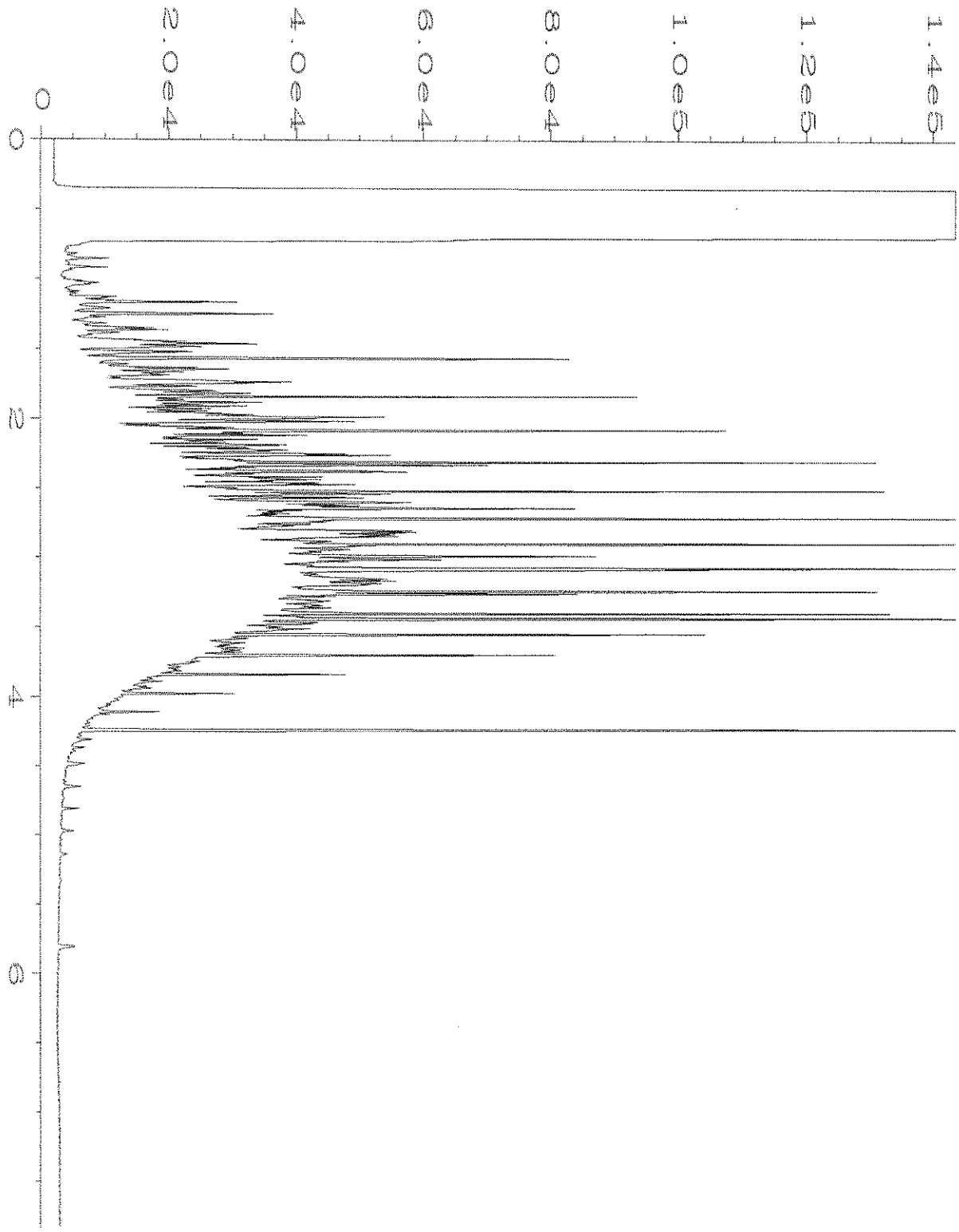


Data File Name	: C:\HPCHEM\4\DATA\05-14-21\020F0901.D		
Operator	: TL	Page Number	: 1
Instrument	: GC#4	Vial Number	: 20
Sample Name	: 105213-13	Injection Number	: 1
Run Time Bar Code:		Sequence Line	: 9
Acquired on	: 14 May 21 03:18 PM	Instrument Method	: DX.MTH
Report Created on	: 17 May 21 09:14 AM	Analysis Method	: DEFAULT.MTH



Data File Name : C:\HPCHEM\4\DATA\05-14-21\010F0401.D
Operator : TL
Instrument : GC#4
Sample Name : 01-1126 mb
Run Time Bar Code:
Acquired on : 14 May 21 09:54 AM
Report Created on: 17 May 21 09:14 AM

Page Number : 1
Vial Number : 10
Injection Number : 1
Sequence Line : 4
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH



Data File Name : C:\HPCHEM\4\DATA\05-14-21\003F0201.D
Operator : TL
Instrument : GC#4
Sample Name : 500 Dx 62-142D
Run Time Bar Code:
Acquired on : 14 May 21 05:51 AM
Report Created on: 17 May 21 09:14 AM

Page Number : 1
Vial Number : 3
Injection Number : 1
Sequence Line : 2
Instrument Method: DX.MTH
Analysis Method : DEFAULT.MTH

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

June 9, 2021

Corey League, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

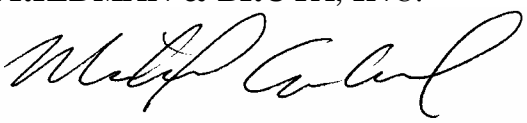
Dear Mr League:

Included are the results from the testing of material submitted on June 4, 2021 from the SOU_0970-017-03_ 20210604, F&BI 106077 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0609R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on June 4, 2020 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0970-017-03_ 20210604, F&BI 106077 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	SoundEarth Strategies
106077 -01	TP07-03
106077 -02	TP07-05
106077 -03	TP08-01
106077 -04	TP08-03
106077 -05	TP09-01
106077 -06	TP09-03
106077 -07	TP10-01
106077 -08	TP10-03

All quality control requirements were acceptable.

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP07-03	Client:	SoundEarth Strategies
Date Received:	06/04/21	Project:	SOU_0970-017-03_ 20210604
Date Extracted:	06/07/21	Lab ID:	106077-01 1/5
Date Analyzed:	06/07/21	Data File:	060711.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	73	24	111
Phenol-d6	81	37	116
Nitrobenzene-d5	79	38	117
2-Fluorobiphenyl	78	45	117
2,4,6-Tribromophenol	71	11	158
Terphenyl-d14	83	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.034
Chrysene	0.039
Benzo(a)pyrene	0.054
Benzo(b)fluoranthene	0.057
Benzo(k)fluoranthene	0.019
Indeno(1,2,3-cd)pyrene	0.034
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP08-01	Client:	SoundEarth Strategies
Date Received:	06/04/21	Project:	SOU_0970-017-03_ 20210604
Date Extracted:	06/07/21	Lab ID:	106077-03 1/25
Date Analyzed:	06/07/21	Data File:	060717.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	80 d	24	111
Phenol-d6	91 d	37	116
Nitrobenzene-d5	87 d	38	117
2-Fluorobiphenyl	90d	45	117
2,4,6-Tribromophenol	71 d	11	158
Terphenyl-d14	96 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.05
Chrysene	<0.05
Benzo(a)pyrene	0.057
Benzo(b)fluoranthene	0.056
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP09-01	Client:	SoundEarth Strategies
Date Received:	06/04/21	Project:	SOU_0970-017-03_ 20210604
Date Extracted:	06/07/21	Lab ID:	106077-05 1/5
Date Analyzed:	06/07/21	Data File:	060710.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	78	24	111
Phenol-d6	85	37	116
Nitrobenzene-d5	87	38	117
2-Fluorobiphenyl	84	45	117
2,4,6-Tribromophenol	72	11	158
Terphenyl-d14	87	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	TP10-01	Client:	SoundEarth Strategies
Date Received:	06/04/21	Project:	SOU_0970-017-03_ 20210604
Date Extracted:	06/07/21	Lab ID:	106077-07 1/25
Date Analyzed:	06/07/21	Data File:	060715.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	78 d	24	111
Phenol-d6	87 d	37	116
Nitrobenzene-d5	87 d	38	117
2-Fluorobiphenyl	88 d	45	117
2,4,6-Tribromophenol	72 d	11	158
Terphenyl-d14	97 d	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	0.070
Chrysene	0.076
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	<0.05
Indeno(1,2,3-cd)pyrene	<0.05
Dibenz(a,h)anthracene	<0.05

Analysis For Semivolatile Compounds By EPA Method 8270E

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0970-017-03_ 20210604
Date Extracted:	06/07/21	Lab ID:	01-1365 mb 1/5
Date Analyzed:	06/07/21	Data File:	060707.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2-Fluorophenol	77	24	111
Phenol-d6	86	37	116
Nitrobenzene-d5	86	38	117
2-Fluorobiphenyl	83	45	117
2,4,6-Tribromophenol	71	11	158
Terphenyl-d14	88	50	124

Compounds:	Concentration mg/kg (ppm)
Benz(a)anthracene	<0.01
Chrysene	<0.01
Benzo(a)pyrene	<0.01
Benzo(b)fluoranthene	<0.01
Benzo(k)fluoranthene	<0.01
Indeno(1,2,3-cd)pyrene	<0.01
Dibenz(a,h)anthracene	<0.01

Date of Report: 06/09/21
Date Received: 06/04/21
Project: SOU_0970-017-03_ 20210604, F&BI 106077

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: 106077-01 1/5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benz(a)anthracene	mg/kg (ppm)	0.83	0.031	88	88	50-150	0
Chrysene	mg/kg (ppm)	0.83	0.036	85	84	50-150	1
Benzo(a)pyrene	mg/kg (ppm)	0.83	0.050	91	90	50-150	1
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	0.053	93	91	50-150	2
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	0.017	90	92	50-150	2
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	0.031	72	67	41-134	7
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	<0.01	72	69	44-130	4

Laboratory Code: Laboratory Control Sample 1/5

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benz(a)anthracene	mg/kg (ppm)	0.83	89	70-130
Chrysene	mg/kg (ppm)	0.83	90	70-130
Benzo(a)pyrene	mg/kg (ppm)	0.83	87	68-120
Benzo(b)fluoranthene	mg/kg (ppm)	0.83	83	69-125
Benzo(k)fluoranthene	mg/kg (ppm)	0.83	83	70-130
Indeno(1,2,3-cd)pyrene	mg/kg (ppm)	0.83	101	67-129
Dibenz(a,h)anthracene	mg/kg (ppm)	0.83	102	67-128

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. 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 lowest calibration standard. 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.

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

106077

ME 06/04/21

Page # ____ of 002

Send Report To Corey League

Company SoundEarth

Address 1109 A Street, Suite 1to

City, State, ZIP Tacoma, WA 98402

Phone # 253-722-9693 Fax # —

SAMPLERS (signature) Kaiselly

PROJECT NAME/NO. Redmond Property 0970-017-03

PO # —

REMARKS ~~HOLD~~

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	cPAHs		● - analyze on std TAT per CL Notes 6/4/21
TP07-03	—	—	01	6/4	1110	Soil	1							●		
TP07-05	—	—	02	6/4	1115									X		Hold
TP08-01	—	—	03	6/4	1155									●		
TP08-03	—	—	04	6/4	1200									X		Hold
TP09-01	—	—	05	6/4	1055									●		
TP09-03	—	—	06	6/4	1100									X		Hold
TP10-01	—	—	07	6/4	1130									●		
TP10-03	—	—	08	6/4	1135	↓	↓							X		Hold

KS 6/4

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Kaiselly	Kait Salley	SoundEarth	6/4	1330
Received by:		Khoi Hoang	FBI	6/4/21	13:30
Relinquished by:					
Received by:			Samples received at 4 °C		