

APPENDIX D
LABORATORY ANALYTICAL REPORTS

Soil Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

March 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 26, 2014 from the SOU_0731-004_20140226, F&BI 402367 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter
SOU0304R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140226, F&BI 402367 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
402367 -01	SP02-Comp
402367 -02	SP01-01
402367 -03	SP01-02
402367 -04	SP01-03

The 8260C calibration standard failed the acceptance criteria for chloroethane for several samples. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14
 Date Received: 02/26/14
 Project: SOU_0731-004_20140226, F&BI 402367
 Date Extracted: 02/26/14
 Date Analyzed: 02/26/14 and 02/27/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
SP02-Comp 402367-01 1/10	<0.2	<0.2	2.1	13	2,500	113
SP01-01 402367-02	<0.02	<0.02	<0.02	<0.06	<2	87
SP01-02 402367-03	<0.02	<0.02	<0.02	<0.06	<2	86
SP01-03 402367-04	<0.02	<0.02	<0.02	<0.06	<2	88
Method Blank 04-0384 MB	<0.02	<0.02	<0.02	<0.06	<2	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14
Date Received: 02/26/14
Project: SOU_0731-004_20140226, F&BI 402367
Date Extracted: 02/26/14
Date Analyzed: 02/26/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
SP02-Comp 402367-01	1,300 x	<250	89
SP01-01 402367-02	<50	<250	89
SP01-02 402367-03	<50	<250	91
SP01-03 402367-04	<50	<250	91
Method Blank 04-422 MB	<50	<250	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SP02-Comp	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402367
Date Extracted:	02/27/14	Lab ID:	402367-01
Date Analyzed:	02/27/14	Data File:	022709.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.24

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SP01-01	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402367
Date Extracted:	02/26/14	Lab ID:	402367-02
Date Analyzed:	02/26/14	Data File:	022632.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SP01-02	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402367
Date Extracted:	02/26/14	Lab ID:	402367-03
Date Analyzed:	02/26/14	Data File:	022633.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	SP01-03	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402367
Date Extracted:	02/26/14	Lab ID:	402367-04
Date Analyzed:	02/26/14	Data File:	022634.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004_20140226, F&BI 402367
Date Extracted:	02/25/14	Lab ID:	04-0398 mb2
Date Analyzed:	02/26/14	Data File:	022627.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402367

**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: 402371-03 (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)	0.020	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	80	69-120
Toluene	mg/kg (ppm)	0.5	86	70-117
Ethylbenzene	mg/kg (ppm)	0.5	90	65-123
Xylenes	mg/kg (ppm)	1.5	88	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402367

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

Laboratory Code: 402366-01 (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	54	100	115	73-135	14

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	114	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402367

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 402333-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	39	46	10-138	16
Chloroethane	mg/kg (ppm)	2.5	<0.5	49	55	10-176	12
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	65	10-160	18
Methylene chloride	mg/kg (ppm)	2.5	<0.5	52	60	10-156	14
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	73	14-137	16
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	67	77	19-140	14
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	83	25-135	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	79	12-160	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	62	70	10-156	12
Trichloroethene	mg/kg (ppm)	2.5	<0.03	67	74	21-139	10
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	63	71	20-133	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	22-139
Chloroethane	mg/kg (ppm)	2.5	69	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	47-128
Methylene chloride	mg/kg (ppm)	2.5	77	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	86	62-131
Trichloroethene	mg/kg (ppm)	2.5	90	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	91	72-114

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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.

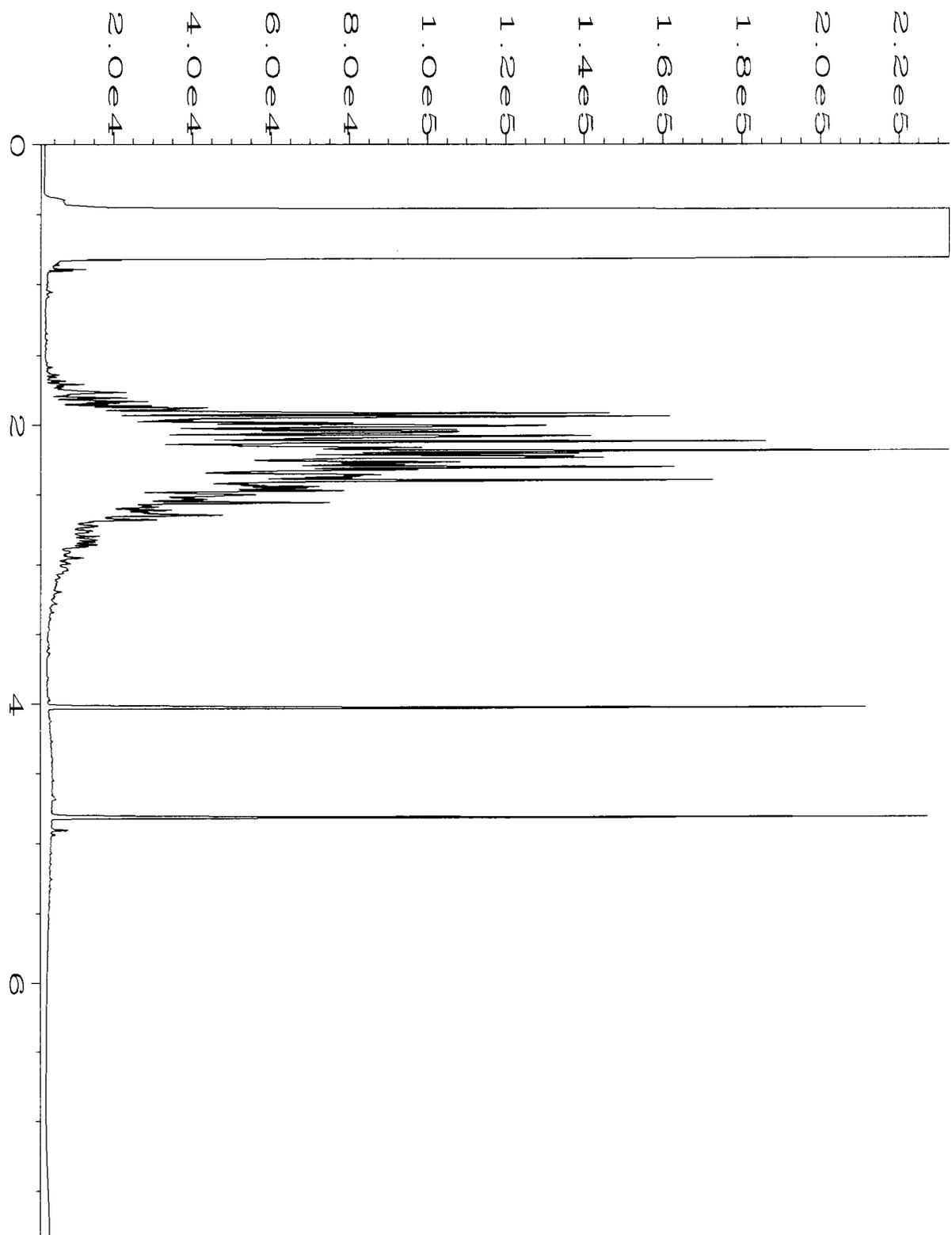
pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

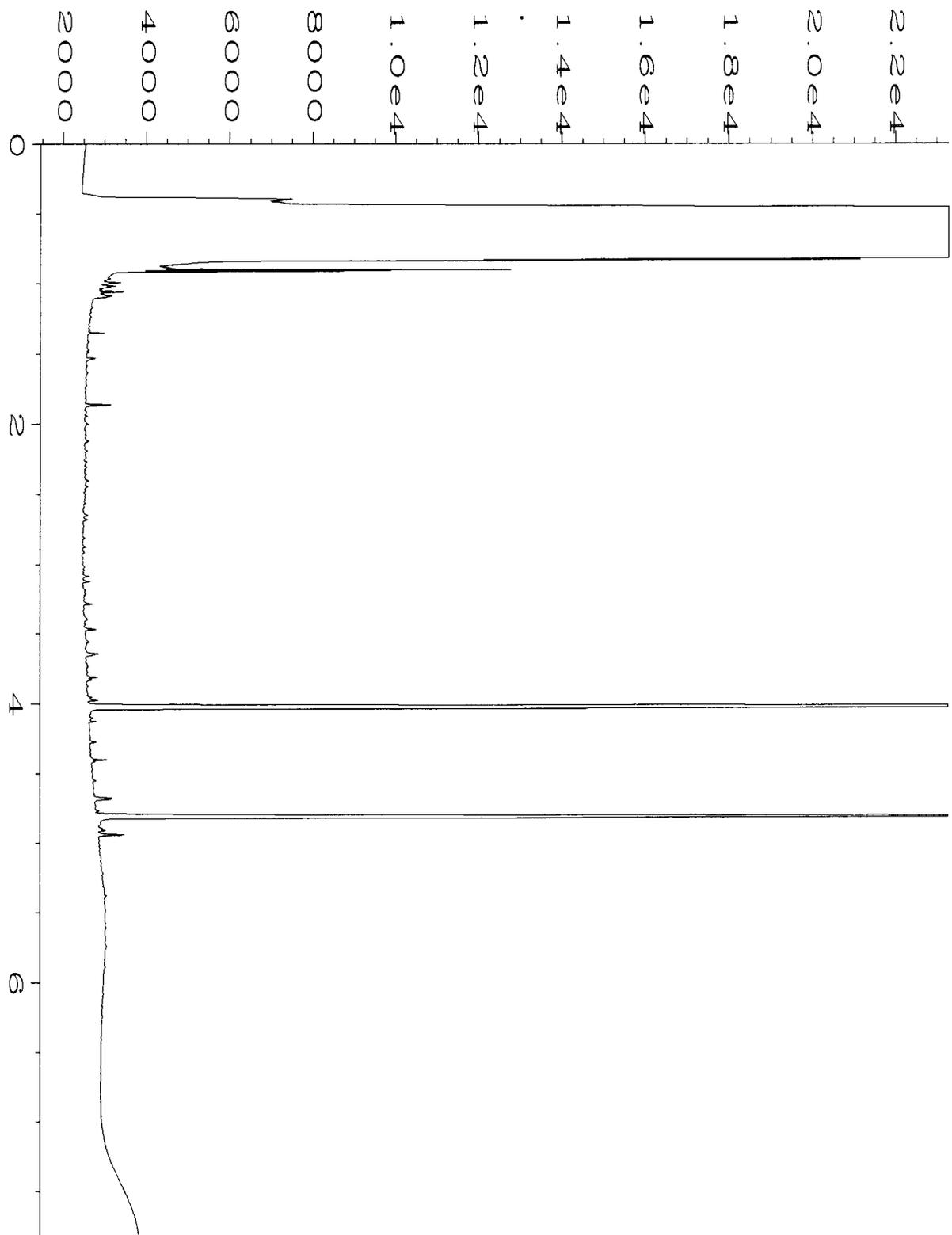
ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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

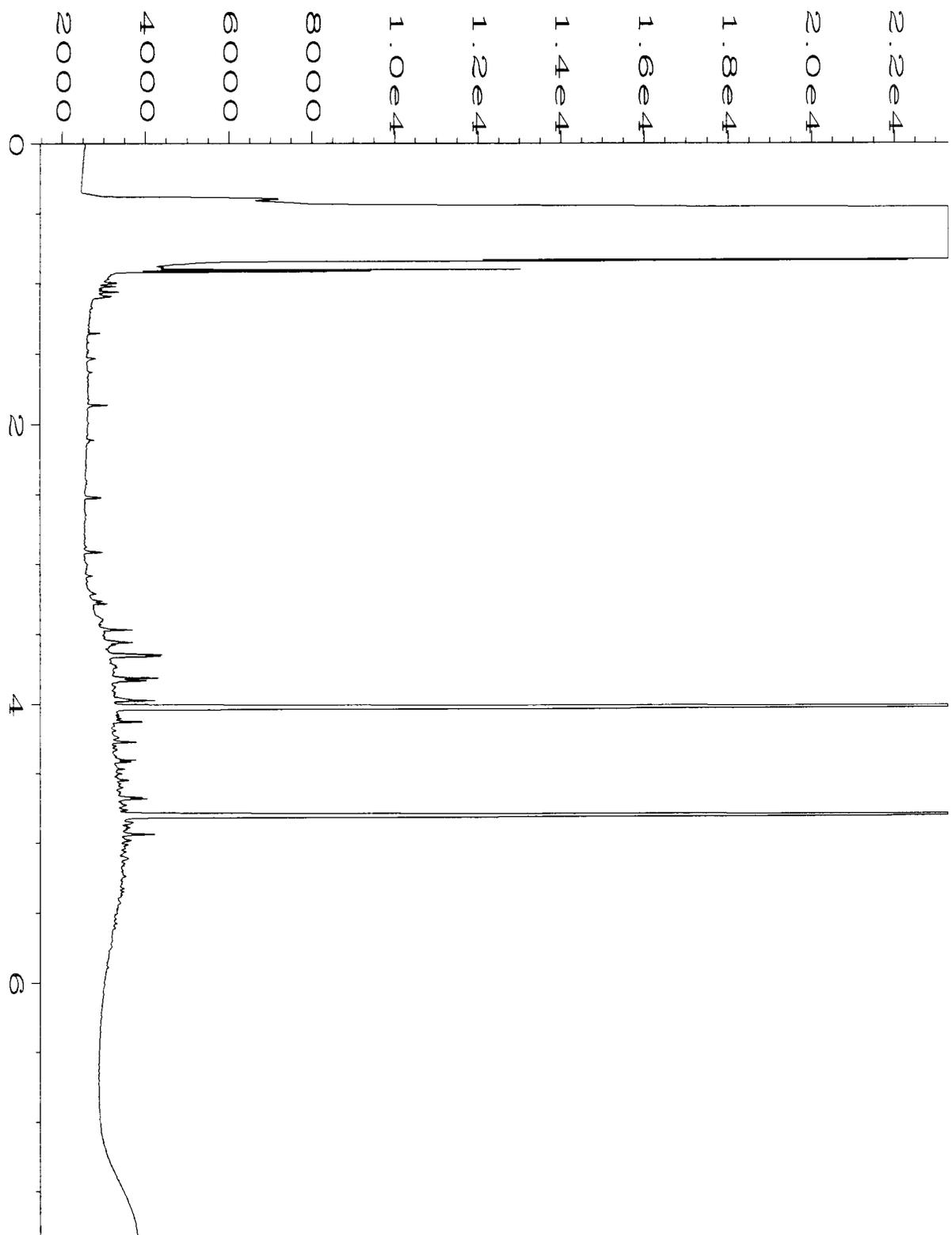
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



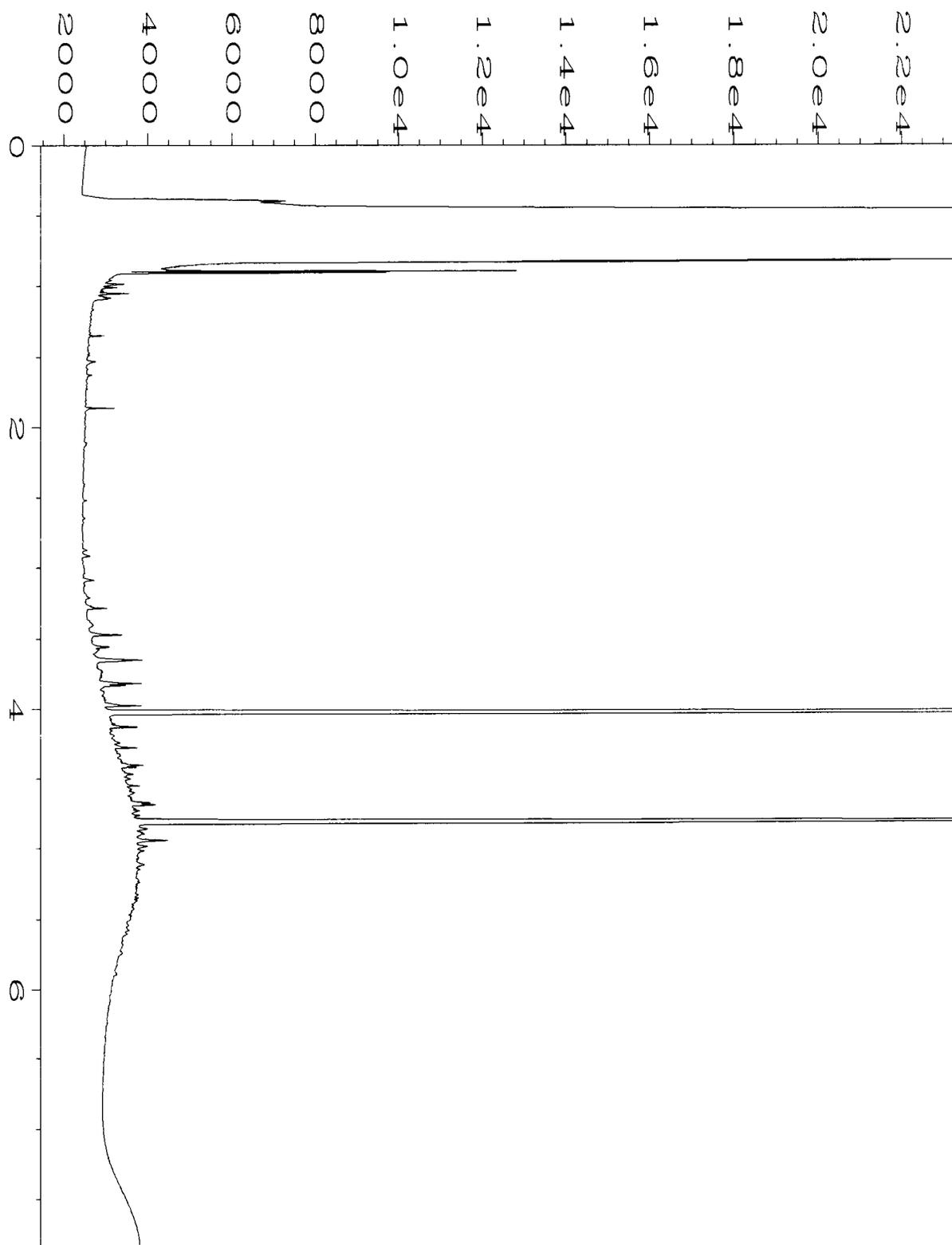
Data File Name	: C:\HPCHEM\4\DATA\02-26-14\036F0901.D	Page Number	: 1
Operator	: sp	Vial Number	: 36
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402367-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:15 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



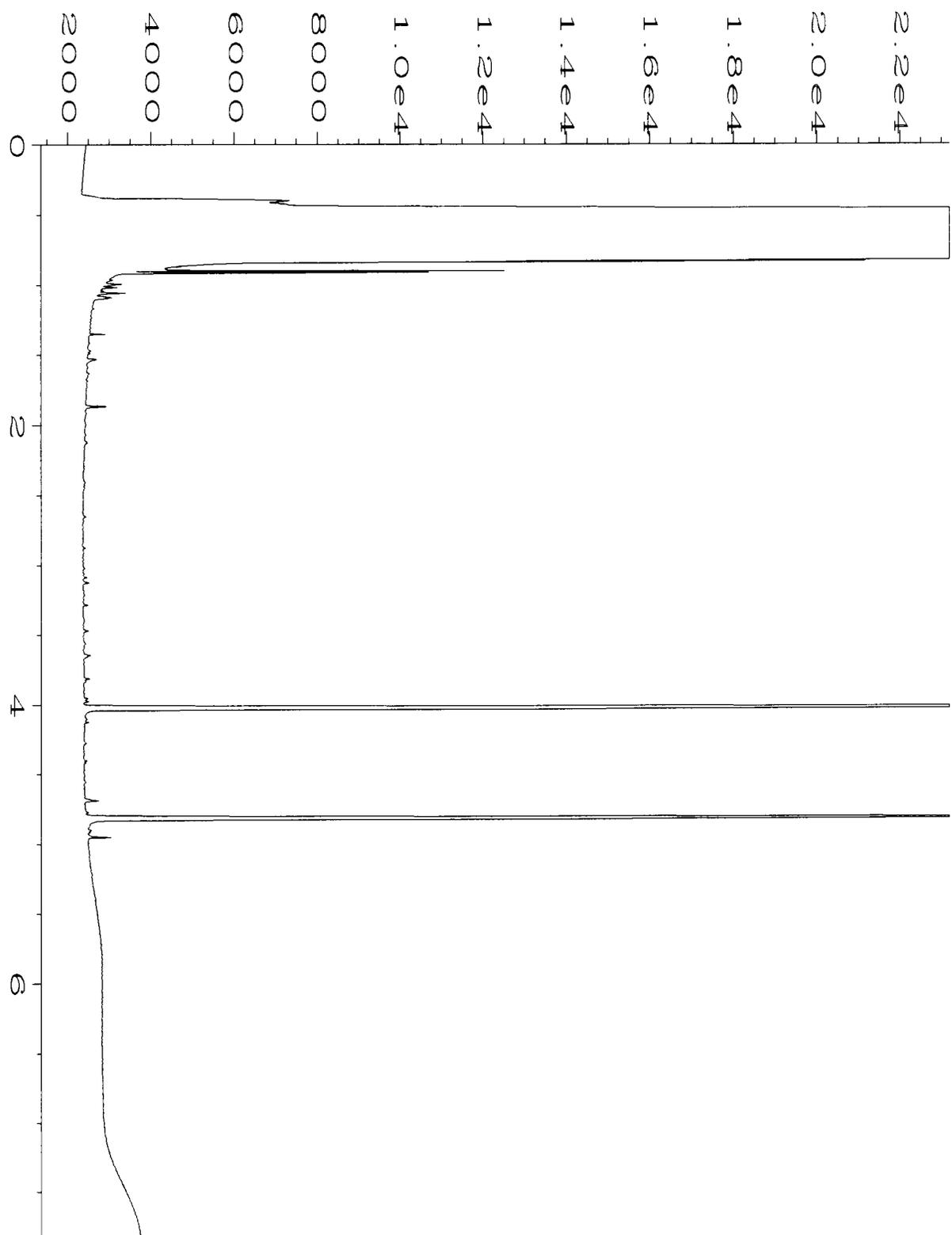
Data File Name	: C:\HPCHEM\4\DATA\02-26-14\037F0901.D	Page Number	: 1
Operator	: sp	Vial Number	: 37
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402367-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:28 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



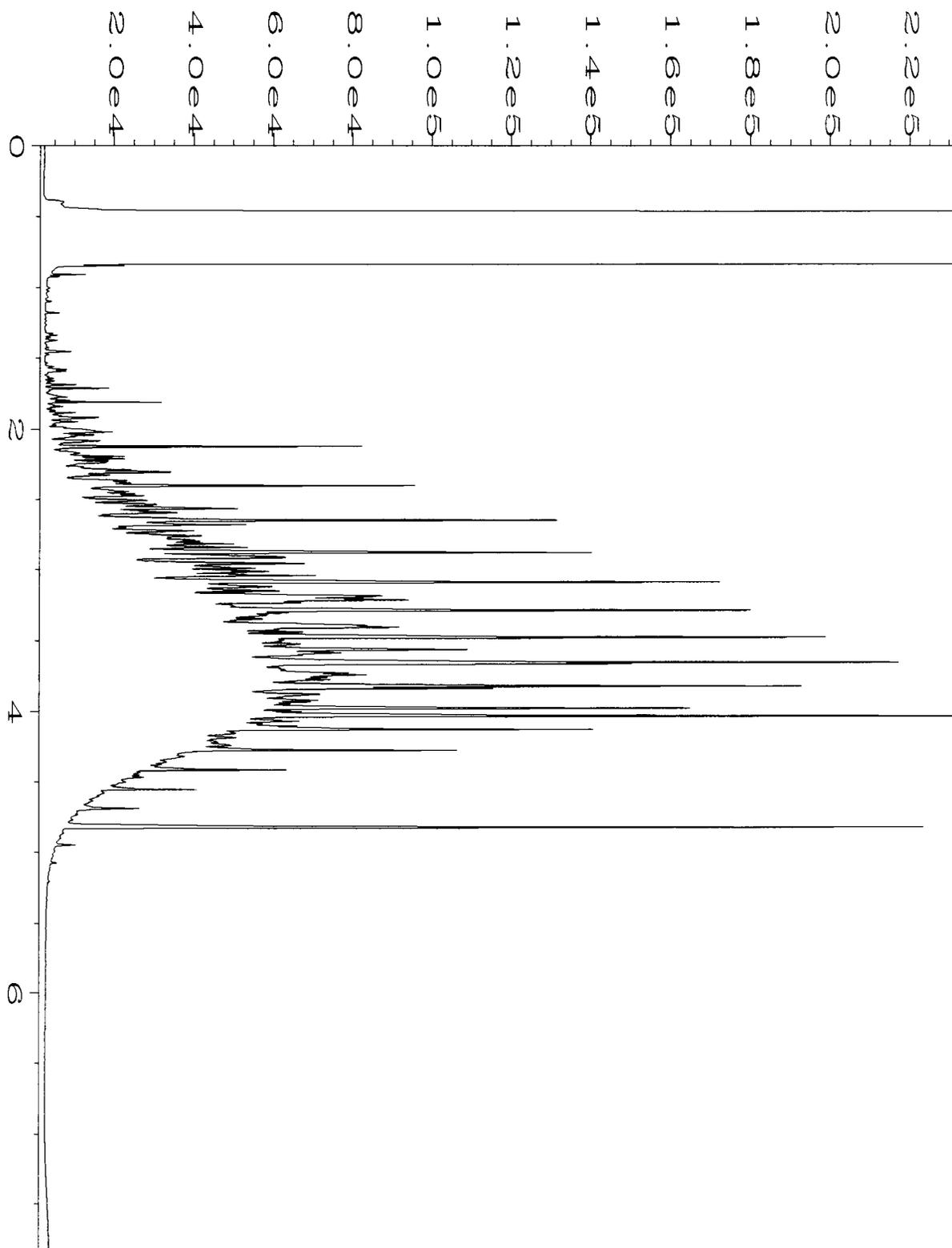
Data File Name	: C:\HPCHEM\4\DATA\02-26-14\038F0901.D	Page Number	: 1
Operator	: sp	Vial Number	: 38
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402367-03	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:41 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\039F0901.D	Page Number	: 1
Operator	: sp	Vial Number	: 39
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402367-04	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:54 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\025F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 25
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-422 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 05:25 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:08 AM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:48 AM		

402367

SAMPLE CHAIN OF CUSTODY

ME 2/26/14

VSI/COU

Send Report to Pete Kingston cc: Courtney Porter

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E, Suite 2000

City, State, ZIP Seattle, Washington 98102

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

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. 0731-004 PO # [Blank]
~~700-Duster~~ Troy Laundry

REMARKS HOLD

Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 X RUSH 24 hr.
 Rush charges authorized by:
P. Kingston

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	ANALYSES REQUESTED					Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	
SPO2-COMP	SPO2	1		2/26/14	1145	soil	5	X	X	X	X		X-per CP
SPO1-01	SPO1	1			1200			X	X	X	X		2/26/14
SPO1-02		1			1202			X	X	X	X		MC
SPO1-03		1			1204			X	X	X	X		
AS 2/26/14													
Samples received at <u>S</u>													

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: <u>[Signature]</u>	Courtney Porter	SoundEarth	2/26/14	12:55
Received by: <u>[Signature]</u>	S. O'Brien	F&B Inc	2/26/14	12:55
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
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March 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 26, 2014 from the SOU_0731-004_20140226, F&BI 402366 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter
SOU0304R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140226, F&BI 402366 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
402366 -01	EX01-BOT02
402366 -02	EX01-BOT03
402366 -03	EX01-NSW
402366 -04	EX01-SSW
402366 -05	EX01-ESW
402366 -06	EX01-WSW
402366 -07	EX01-BOT01

The 8260C calibration standard failed the acceptance criteria for 1,1-dichloroethene for several samples. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14
 Date Received: 02/26/14
 Project: SOU_0731-004_20140226, F&BI 402366
 Date Extracted: 02/26/14
 Date Analyzed: 02/26/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
EX01-BOT02 402366-01 1/10	<0.2	<0.2	<0.2	1.3	540	90
EX01-BOT03 402366-02	<0.02	<0.02	<0.02	<0.06	<2	89
EX01-NSW 402366-03	<0.02	<0.02	<0.02	<0.06	<2	90
EX01-SSW 402366-04	<0.02	<0.02	<0.02	<0.06	<2	88
EX01-ESW 402366-05	<0.02	<0.02	<0.02	<0.06	<2	88
EX01-WSW 402366-06 1/10	<0.2	<0.2	<0.2	3.9	1,600	94
EX01-BOT01 402366-07 1/10	<0.2	<0.2	0.54	3.6	1,300	96
Method Blank 04-0382 MB	<0.02	<0.02	<0.02	<0.06	<2	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14
 Date Received: 02/26/14
 Project: SOU_0731-004_20140226, F&BI 402366
 Date Extracted: 02/26/14
 Date Analyzed: 02/26/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
EX01-BOT02 402366-01	57 x	<250	87
EX01-BOT03 402366-02	<50	<250	90
EX01-NSW 402366-03	<50	<250	91
EX01-SSW 402366-04	<50	<250	92
EX01-ESW 402366-05	<50	<250	91
EX01-WSW 402366-06	820 x	<250	91
EX01-BOT01 402366-07	720 x	<250	93
Method Blank 04-422 MB	<50	<250	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-BOT02	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-01
Date Analyzed:	02/27/14	Data File:	022706.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-BOT03	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-02
Date Analyzed:	02/26/14	Data File:	022628.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05 ca
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-NSW	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-03
Date Analyzed:	02/26/14	Data File:	022629.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-SSW	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-04
Date Analyzed:	02/26/14	Data File:	022630.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-ESW	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-05
Date Analyzed:	02/26/14	Data File:	022631.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-WSW	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-06
Date Analyzed:	02/27/14	Data File:	022707.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	76	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.19

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EX01-BOT01	Client:	SoundEarth Strategies
Date Received:	02/26/14	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/26/14	Lab ID:	402366-07
Date Analyzed:	02/27/14	Data File:	022708.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	86	50	150
Toluene-d8	101	50	150
4-Bromofluorobenzene	98	50	150

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004_20140226, F&BI 402366
Date Extracted:	02/25/14	Lab ID:	04-0398 mb2
Date Analyzed:	02/26/14	Data File:	022627.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402366

**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: 402347-01 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	81	69-120
Toluene	mg/kg (ppm)	0.5	86	70-117
Ethylbenzene	mg/kg (ppm)	0.5	90	65-123
Xylenes	mg/kg (ppm)	1.5	88	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402366

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

Laboratory Code: 402366-01 (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	54	100	115	73-135	14

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	114	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/04/14

Date Received: 02/26/14

Project: SOU_0731-004_20140226, F&BI 402366

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 402333-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	39	46	10-138	16
Chloroethane	mg/kg (ppm)	2.5	<0.5	49	55	10-176	12
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	65	10-160	18
Methylene chloride	mg/kg (ppm)	2.5	<0.5	52	60	10-156	14
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	73	14-137	16
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	67	77	19-140	14
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	83	25-135	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	79	12-160	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	62	70	10-156	12
Trichloroethene	mg/kg (ppm)	2.5	<0.03	67	74	21-139	10
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	63	71	20-133	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	22-139
Chloroethane	mg/kg (ppm)	2.5	69	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	47-128
Methylene chloride	mg/kg (ppm)	2.5	77	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	86	62-131
Trichloroethene	mg/kg (ppm)	2.5	90	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	91	72-114

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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.

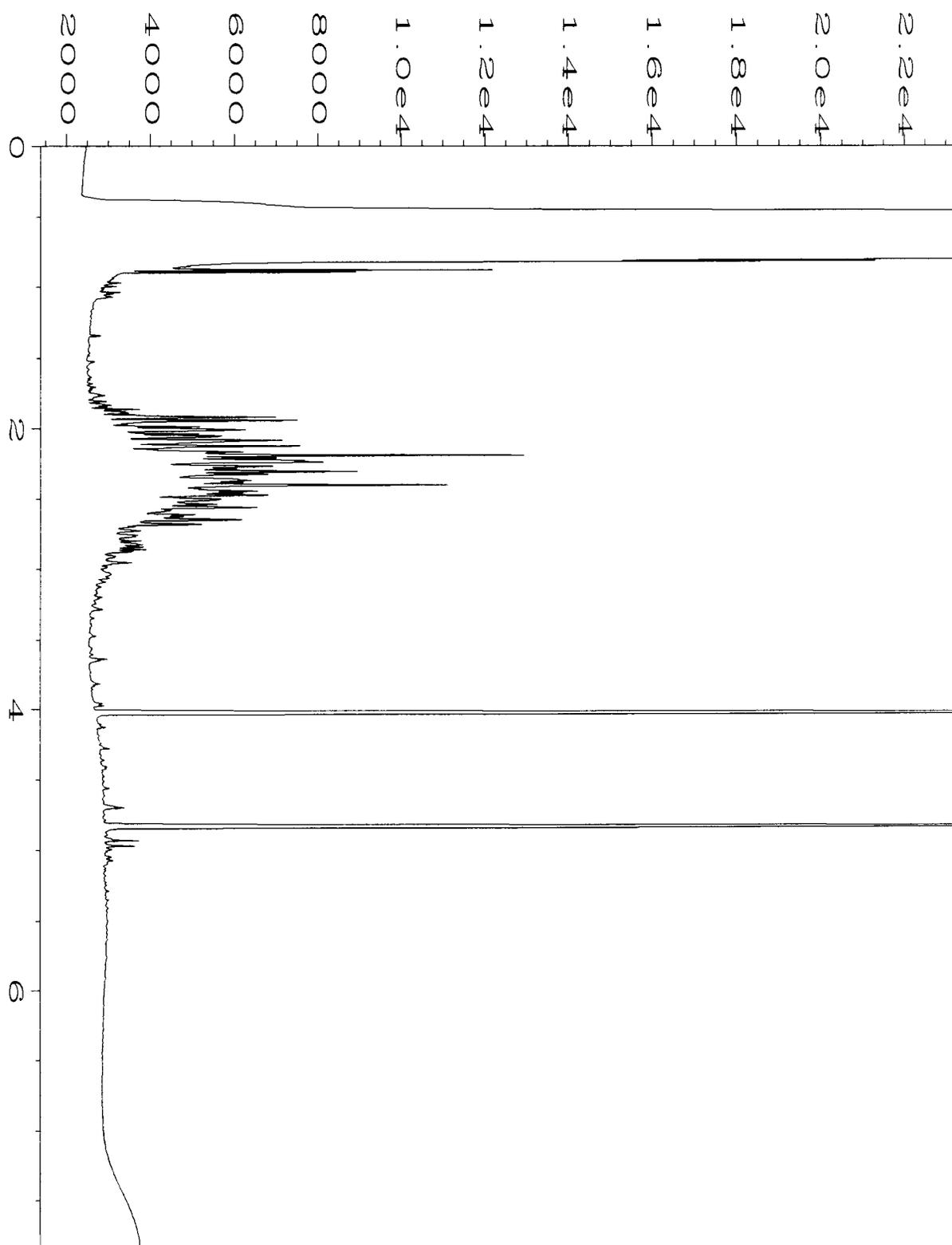
pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

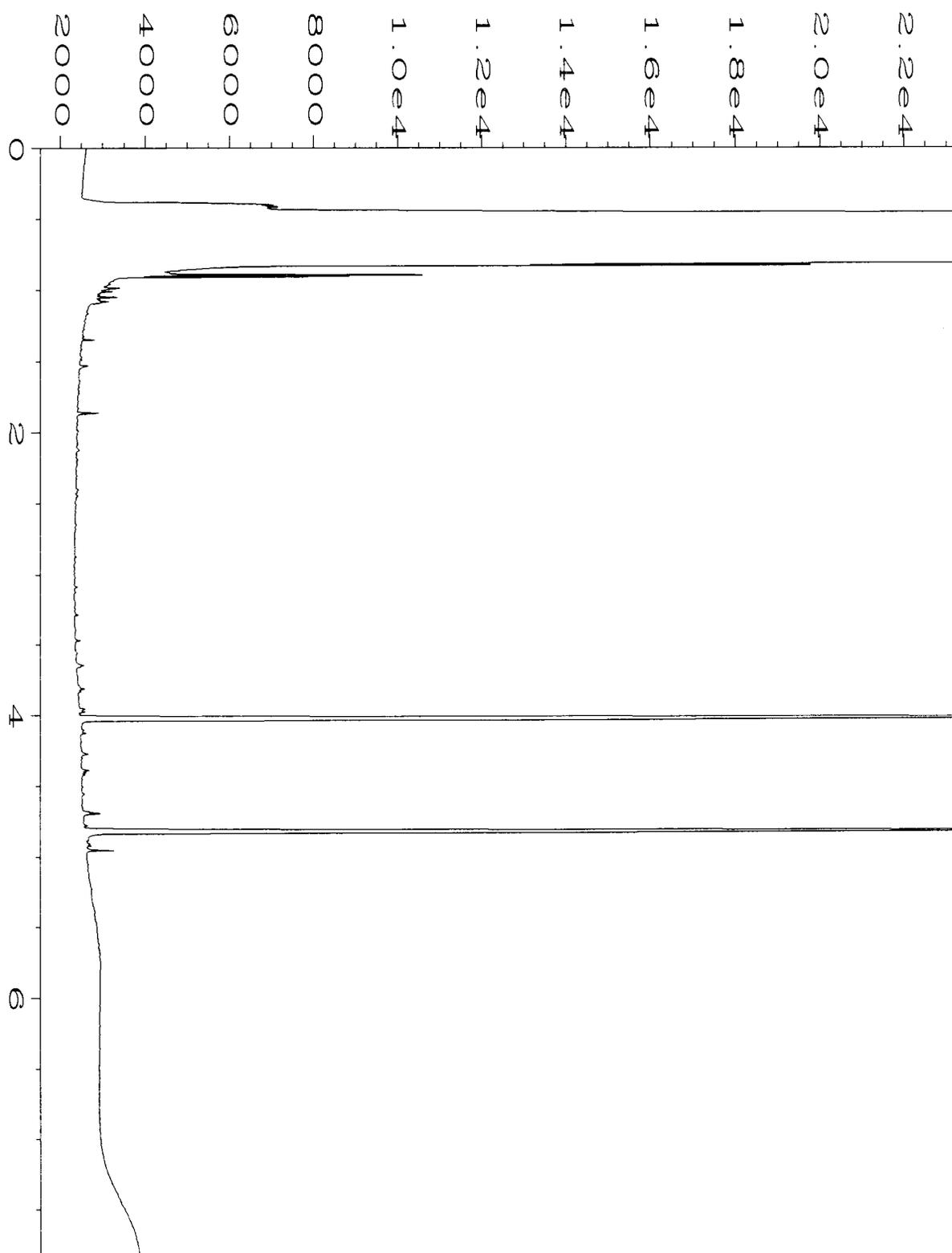
ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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

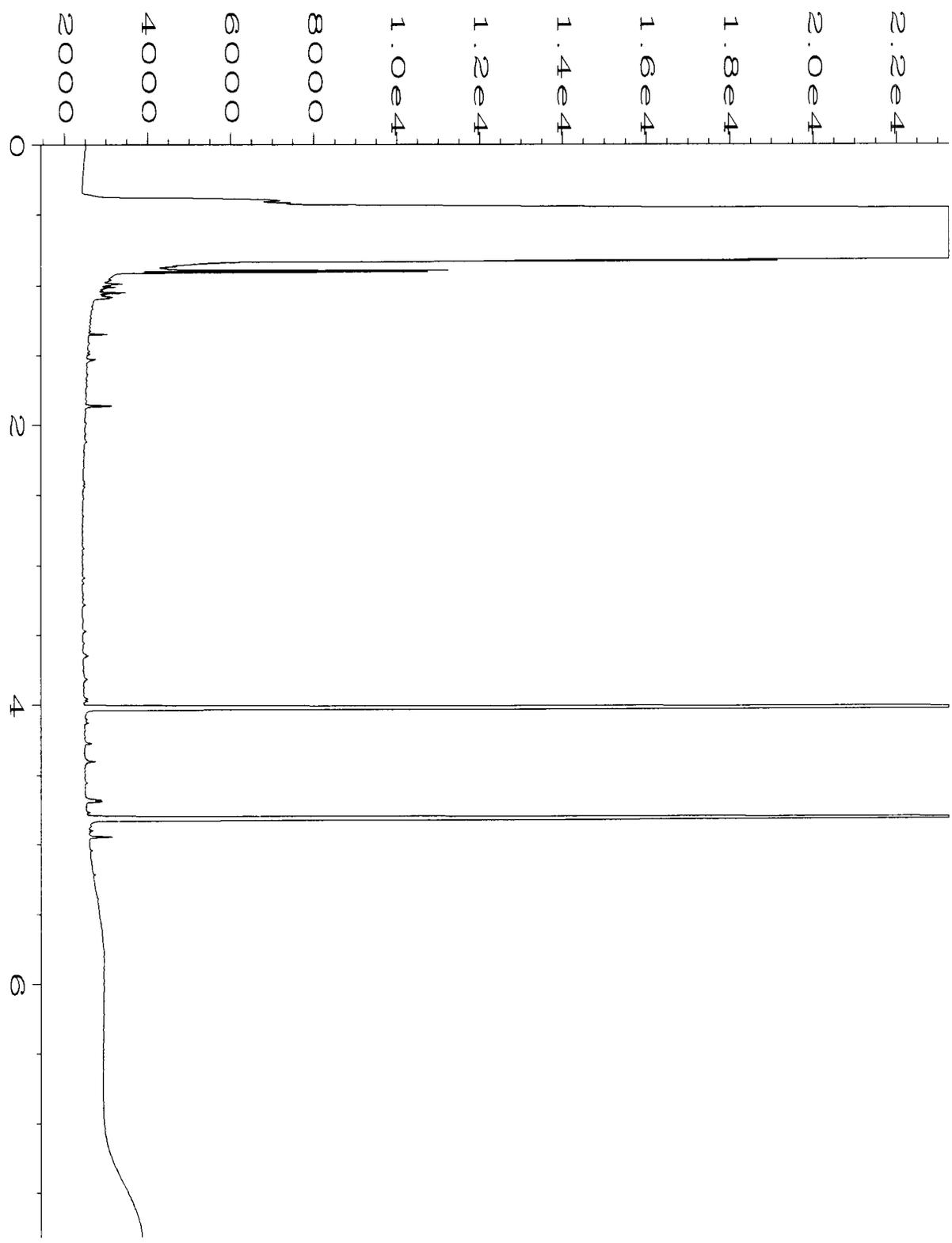
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



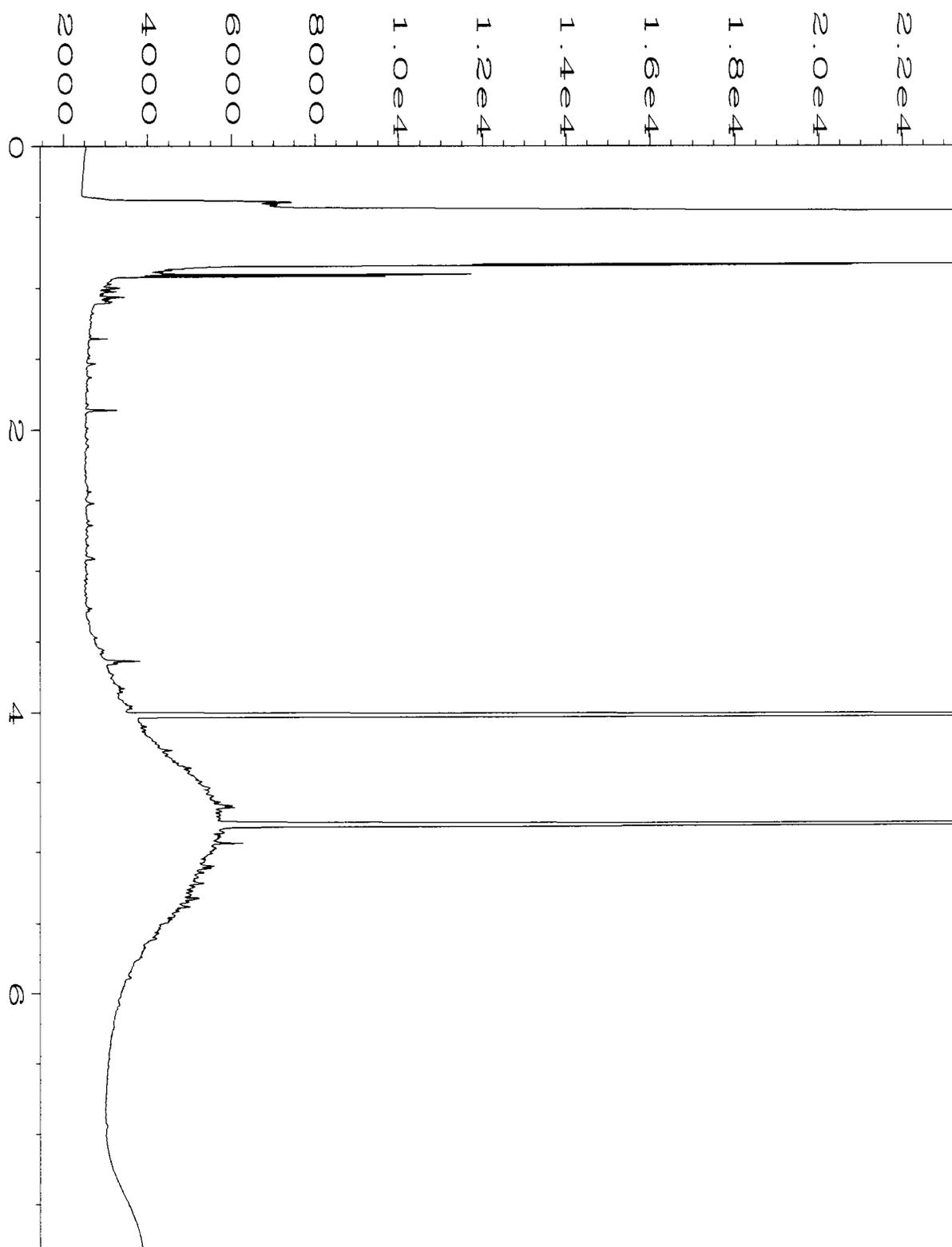
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 06:17 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



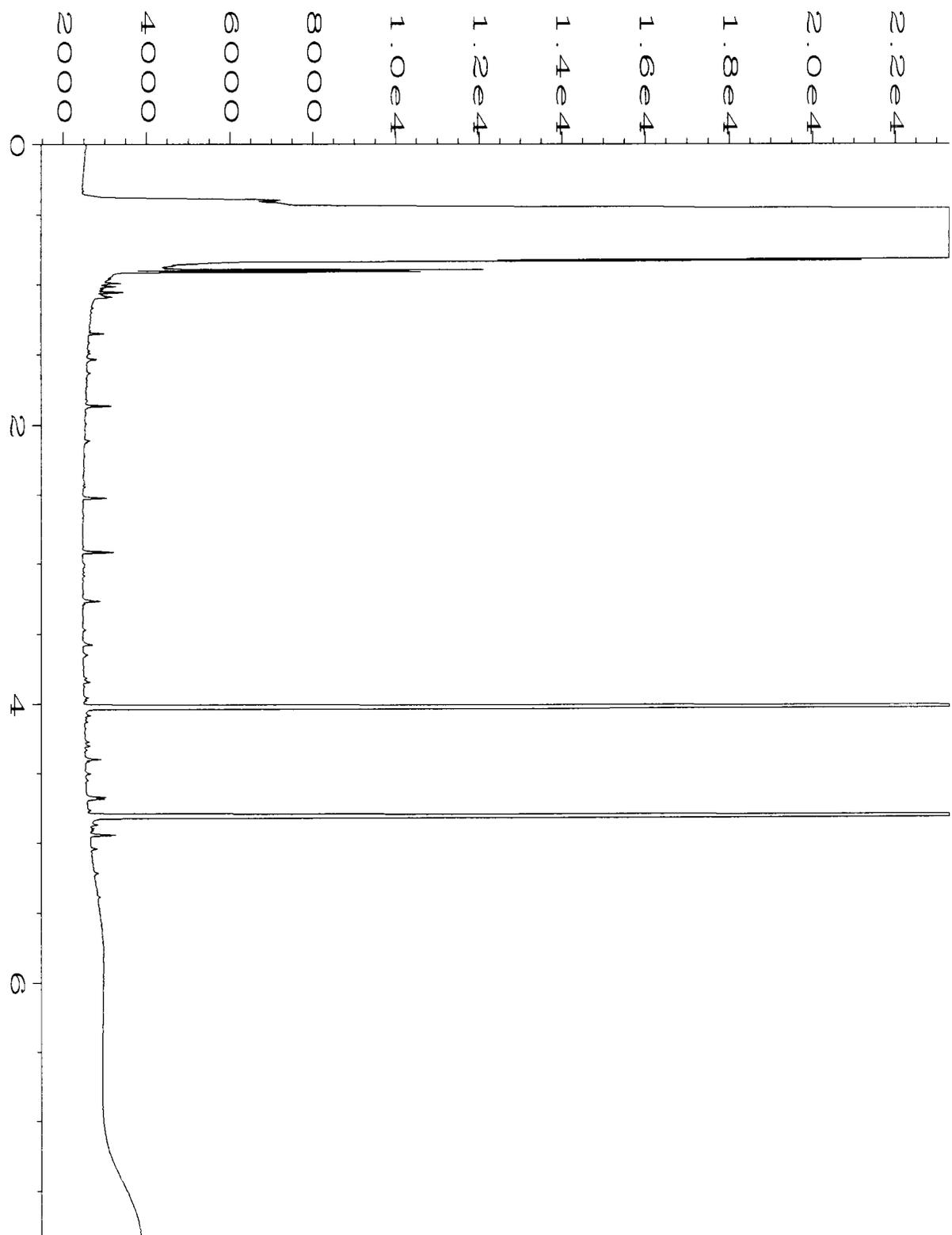
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 06:58 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



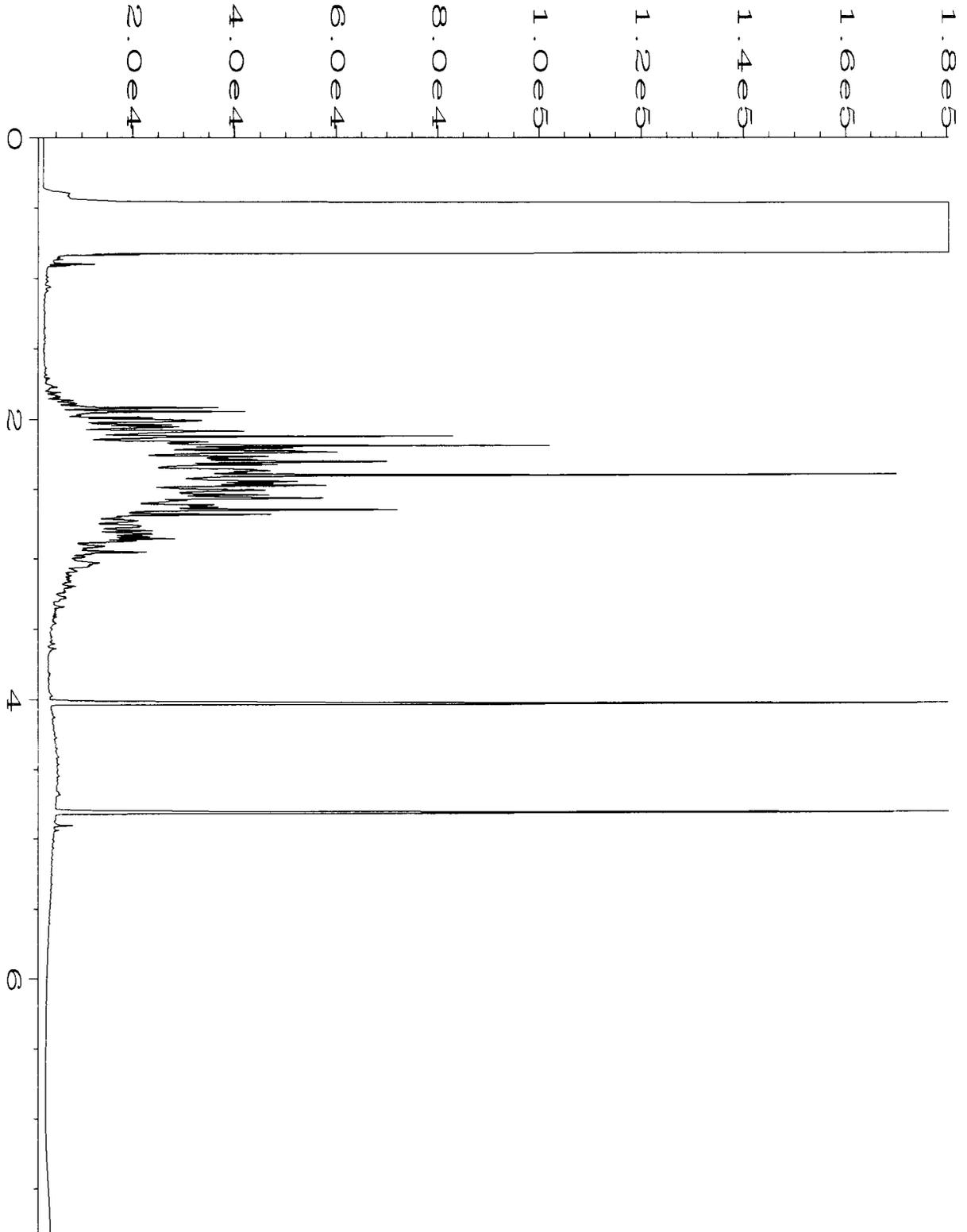
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-03	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 07:10 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



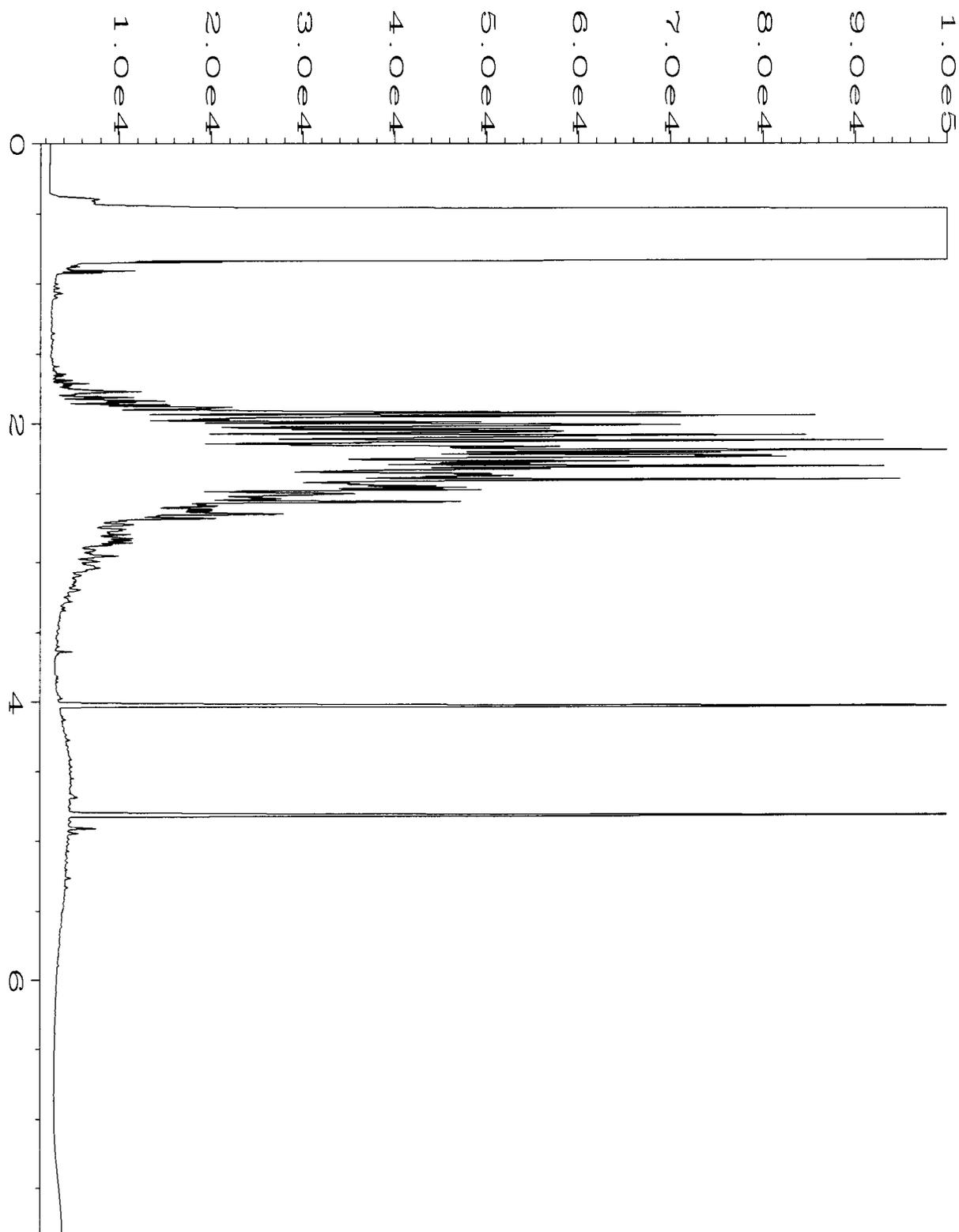
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Operator	: sp	Vial Number	: 32
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-04	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 07:23 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



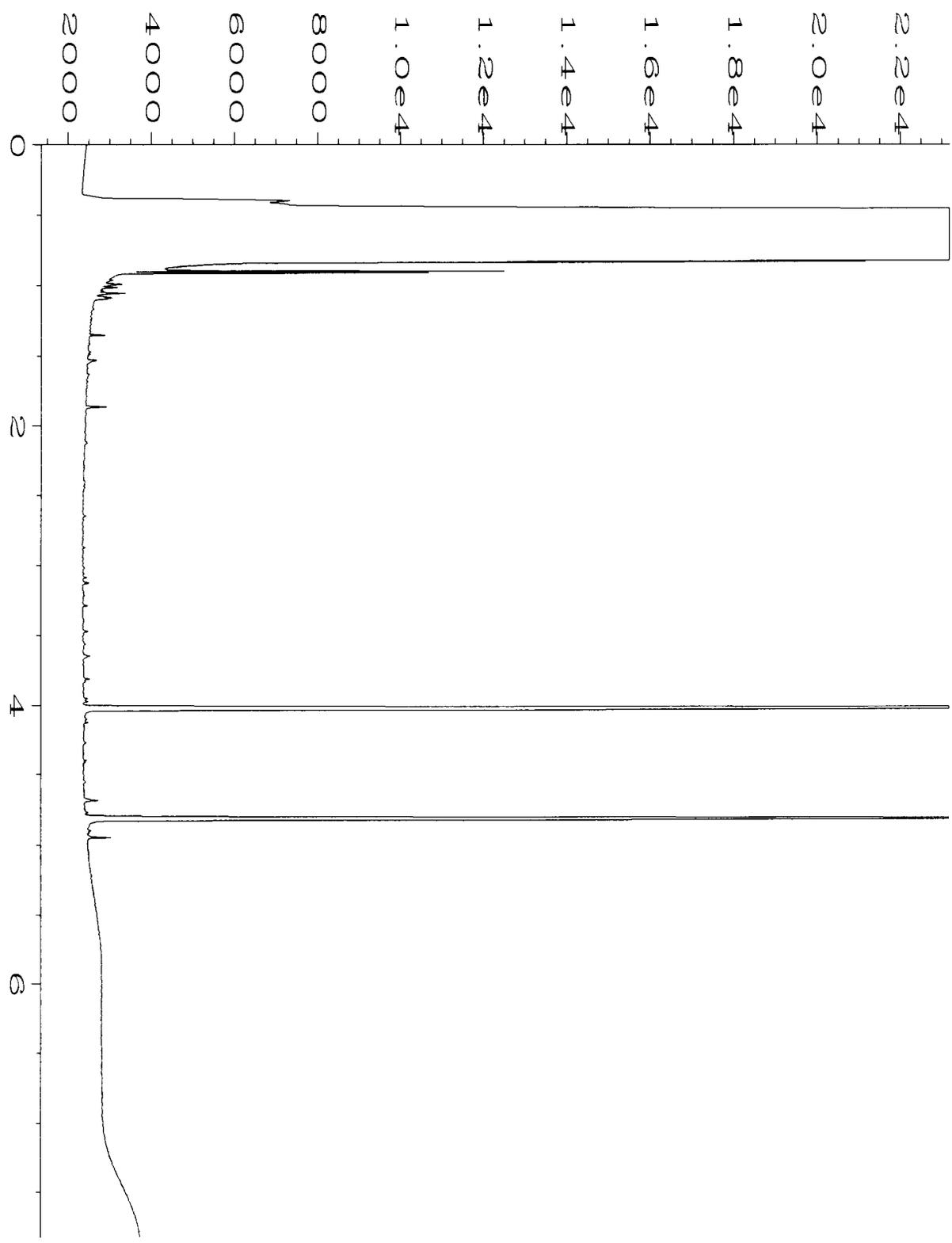
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-05	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
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Report Created on:	27 Feb 14 08:49 AM		



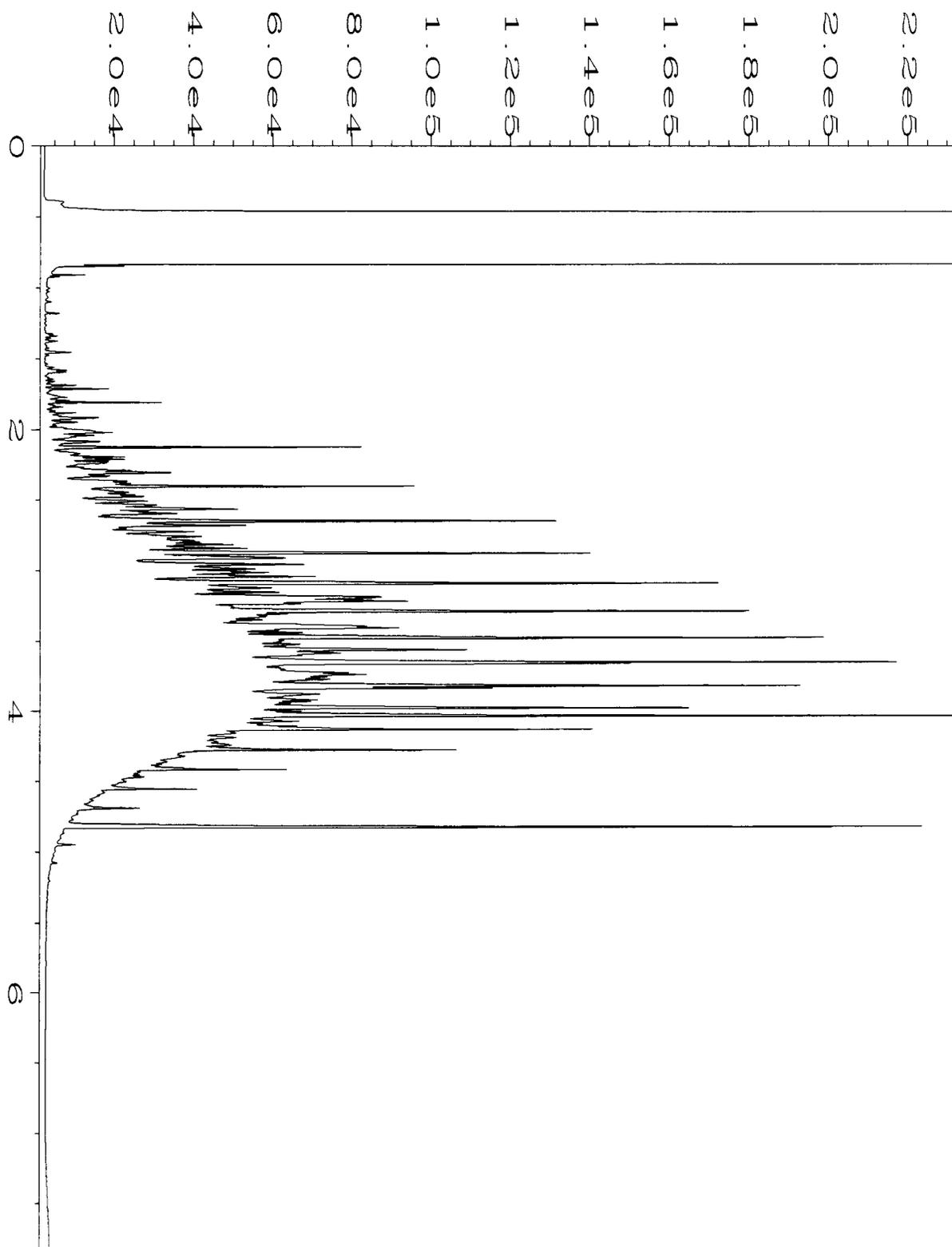
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-06	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 07:49 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\035F0901.D	Page Number	: 1
Operator	: sp	Vial Number	: 35
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 402366-07	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:02 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\025F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 25
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-422 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 05:25 PM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:49 AM		



Data File Name	: C:\HPCHEM\4\DATA\02-26-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Feb 14 08:08 AM	Analysis Method	: DX.MTH
Report Created on:	27 Feb 14 08:48 AM		

402366

SAMPLE CHAIN OF CUSTODY

ME 2/26/14

VSI/CO4

Send Report to Pete Kingston cc: Courtney Porter
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) 

PROJECT NAME/NO. 700-~~004~~ 0731-004
700-~~004~~ Troy Laundry

PO #

REMARKS Priority HOLD

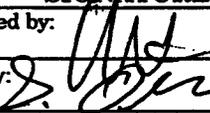
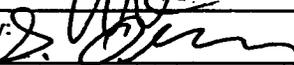
Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 *RUSH 24 hrs.
 Rush charges authorized by:
P. Kingston

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	ANALYSES REQUESTED					Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	C VOCs by 8260	SVOCs by 8270		
EX01-B0T02	EX01	L	01 ^A _F	2/26/14	1025	Soil	6	X	X	X	X			x-pr CP.
EX01-B0T03			02		1037			X	X	Y	Y			2/26/14
EX01-NSW			03		1039			X	X	X	X			NA.
EX01-SSW			04		1041			X	X	X	Y			
EX01-ESW			05		1043			X	X	Y	Y			
EX01-WSW			06		1045			X	X	X	X			
EX01-B0T01			07		1047			X	X	Y	Y			
								OR 2/26/14						

Friedman & 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: 	Courtney Porter	SoundEarth	2/26/14	12:55
Received by: 	S. Osborn	F&B, Inc	2/26/14	12:55
Relinquished by:				
Received by:				

Sampled by: S. Osborn

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

February 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 20, 2014 from the SOU_0731-004_20140220, F&BI 402277 project. There is 1 page included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter
SOU0227R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140220, F&BI 402277 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
402277-01	P15-07.5
402277-02	P16-02
402277-03	P16-07.5
402277-04	P17-07..5

The samples were sent to Fremont for TCLP PCE analysis. The report is enclosed.



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

Friedman & Bruya
Michael Erdahl
3012 16th Ave. W.
Seattle, WA 98119

RE: 402277
Lab ID: 1402203

February 24, 2014

Attention Michael Erdahl:

Fremont Analytical, Inc. received 4 sample(s) on 2/20/2014 for the analyses presented in the following report.

Volatile Organic Compounds by SW8260/TCLP ZHE

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Dee".

Michael Dee
Sr. Chemist / Principal



Date: 02/24/2014

CLIENT: Friedman & Bruya
Project: 402277
Lab Order: 1402203

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1402203-001	P15-07.5	02/20/2014 9:05 AM	02/20/2014 1:45 PM
1402203-002	P16-02	02/20/2014 9:16 AM	02/20/2014 1:45 PM
1402203-003	P16-07.5	02/20/2014 9:20 AM	02/20/2014 1:45 PM
1402203-004	P17-07.5	02/20/2014 9:30 AM	02/20/2014 1:45 PM

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

CLIENT: Friedman & Bruya

Project: 402277

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

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

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

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



Analytical Report

WO#: 1402203
Date Reported: 2/24/2014

CLIENT: Friedman & Bruya
Project: 402277

Lab ID: 1402203-001

Collection Date: 2/20/2014 9:05:00 AM

Client Sample ID: P15-07.5

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: R12675 Analyst: EM

Tetrachloroethene (PCE)	83.9	10.0	D	µg/L	10	2/24/2014 10:11:00 AM
Surr: 4-Bromofluorobenzene	111	79.2-120		%REC	1	2/22/2014 3:24:00 PM
Surr: Dibromofluoromethane	104	76-114		%REC	1	2/22/2014 3:24:00 PM
Surr: Toluene-d8	104	86.8-119		%REC	1	2/22/2014 3:24:00 PM

Lab ID: 1402203-002

Collection Date: 2/20/2014 9:16:00 AM

Client Sample ID: P16-02

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: R12675 Analyst: EM

Tetrachloroethene (PCE)	6.98	1.00		µg/L	1	2/22/2014 3:54:00 PM
Surr: 4-Bromofluorobenzene	113	79.2-120		%REC	1	2/22/2014 3:54:00 PM
Surr: Dibromofluoromethane	104	76-114		%REC	1	2/22/2014 3:54:00 PM
Surr: Toluene-d8	105	86.8-119		%REC	1	2/22/2014 3:54:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits



Analytical Report

WO#: 1402203
Date Reported: 2/24/2014

CLIENT: Friedman & Bruya
Project: 402277

Lab ID: 1402203-003

Collection Date: 2/20/2014 9:20:00 AM

Client Sample ID: P16-07.5

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: R12675 Analyst: EM

Tetrachloroethene (PCE)	1.25	1.00		µg/L	1	2/22/2014 4:24:00 PM
Surr: 4-Bromofluorobenzene	112	79.2-120		%REC	1	2/22/2014 4:24:00 PM
Surr: Dibromofluoromethane	103	76-114		%REC	1	2/22/2014 4:24:00 PM
Surr: Toluene-d8	104	86.8-119		%REC	1	2/22/2014 4:24:00 PM

Lab ID: 1402203-004

Collection Date: 2/20/2014 9:30:00 AM

Client Sample ID: P17-07.5

Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

Volatile Organic Compounds by SW8260/TCLP ZHE

Batch ID: R12675 Analyst: EM

Tetrachloroethene (PCE)	39.7	1.00		µg/L	1	2/22/2014 4:53:00 PM
Surr: 4-Bromofluorobenzene	112	79.2-120		%REC	1	2/22/2014 4:53:00 PM
Surr: Dibromofluoromethane	101	76-114		%REC	1	2/22/2014 4:53:00 PM
Surr: Toluene-d8	102	86.8-119		%REC	1	2/22/2014 4:53:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	D	Dilution was required
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1402203
CLIENT: Friedman & Bruya
Project: 402277

QC SUMMARY REPORT
Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID: 1402203-004AREP	SampType: REP	Units: µg/L	Prep Date: 2/22/2014	RunNo: 12675							
Client ID: P17-07.5	Batch ID: R12675		Analysis Date: 2/22/2014	SeqNo: 253085							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene (PCE)	41.8	1.00						39.73	5.05	30	
Surr: 4-Bromofluorobenzene	55.3		50.00		111	79.2	120		0		
Surr: Dibromofluoromethane	52.3		50.00		105	76	114		0		
Surr: Toluene-d8	52.4		50.00		105	86.8	119		0		

Sample ID: CCV-R12675B	SampType: CCV	Units: µg/L	Prep Date: 2/24/2014	RunNo: 12675							
Client ID: CCV	Batch ID: R12675		Analysis Date: 2/24/2014	SeqNo: 253087							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene (PCE)	20.8	1.00	20.00	0	104	80	120				
Surr: 4-Bromofluorobenzene	56.7		50.00		113	79.2	120				
Surr: Dibromofluoromethane	56.7		50.00		113	76	114				
Surr: Toluene-d8	56.0		50.00		112	86.8	119				

Sample ID: LCS-R12675	SampType: LCS	Units: µg/L	Prep Date: 2/22/2014	RunNo: 12675							
Client ID: LCSW	Batch ID: R12675		Analysis Date: 2/22/2014	SeqNo: 253088							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene (PCE)	19.7	1.00	20.00	0	98.5	50	116				
Surr: 4-Bromofluorobenzene	56.2		50.00		112	79.2	120				
Surr: Dibromofluoromethane	52.0		50.00		104	76	114				
Surr: Toluene-d8	52.5		50.00		105	86.8	119				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1402203
 CLIENT: Friedman & Bruya
 Project: 402277

QC SUMMARY REPORT
Volatile Organic Compounds by SW8260/TCLP ZHE

Sample ID: LCSD-R12675	SampType: LCSD	Units: µg/L	Prep Date: 2/22/2014	RunNo: 12675							
Client ID: LCSW02	Batch ID: R12675		Analysis Date: 2/22/2014	SeqNo: 253089							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene (PCE)	20.4	1.00	20.00	0	102	50	116	19.70	3.39	20	
Surr: 4-Bromofluorobenzene	56.6		50.00		113	79.2	120		0	0	
Surr: Dibromofluoromethane	50.9		50.00		102	76	114		0	0	
Surr: Toluene-d8	52.7		50.00		105	86.8	119		0	0	

Sample ID: MB-R12675	SampType: MBLK	Units: µg/L	Prep Date: 2/22/2014	RunNo: 12675							
Client ID: MBLKW	Batch ID: R12675		Analysis Date: 2/22/2014	SeqNo: 253090							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene (PCE)	ND	1.00									
Surr: 4-Bromofluorobenzene	55.2		50.00		110	79.2	120				
Surr: Dibromofluoromethane	54.0		50.00		108	76	114				
Surr: Toluene-d8	53.2		50.00		106	86.8	119				

Qualifiers:

B	Analyte detected in the associated Method Blank	D	Dilution was required	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client Name: **FB**
 Logged by: **Clare Griggs**

Work Order Number: **1402203**
 Date Received: **2/20/2014 1:45:00 PM**

Chain of Custody

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

Log In

3. Coolers are present? Yes No NA
Sample received at appropriate temp.
 4. Shipping container/cooler in good condition? Yes No
 5. Custody seals intact on shipping container/cooler? Yes No Not Required
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all coolers received at a temperature of >0°C to 10.0°C? Yes No NA
 8. Sample(s) in proper container(s)? Yes No
 9. Sufficient sample volume for indicated test(s)? Yes No
 10. Are samples properly preserved? Yes No
 11. Was preservative added to bottles? Yes No NA
 12. Is the headspace in the VOA vials? Yes No NA
 13. Did all samples containers arrive in good condition(unbroken)? Yes No
 14. Does paperwork match bottle labels? Yes No
 15. Are matrices correctly identified on Chain of Custody? Yes No
 16. Is it clear what analyses were requested? Yes No
 17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:
 Samples received in cardboard box with ice.

Item Information

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

1402203

Page # 1 of 1

SUBCONTRACTOR <i>Fremont</i>	
PROJECT NAME/NO. 402277	PO # C-786
REMARKS Please Email Results	

TURNAROUND TIME <input type="checkbox"/> Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24hr.</u> Rush charges authorized by:
SAMPLE DISPOSAL <input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input type="checkbox"/> Will call with instructions

Send Report To Michael Erdahl
 Company Friedman and Bruya, Inc.
 Address 3012 16th Ave W
 City, State, ZIP Seattle, WA 98119
 Phone # (206) 285-8282 Fax # (206) 283-5044

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	Dioxins and Furans by 8290	EPH	VPH	Nitrate	Sulfate	Alkalinity	TCLP	PCF	Notes	
P15-07.5		2/20/14	0905	Soil								X			
P16-02		↓	0916	↓								X			
P16-07.5			0920										X		
P17-07.5			0930										X		

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
<i>[Signature]</i>	Michael Erdahl	Friedman & Bruya	2/20/14	11:50
<i>[Signature]</i>	Clare Groggs	FBI	2/20/14	1345
Relinquished by:				
Received by:				

402276 ~~402276~~ 402277

SAMPLE CHAIN OF CUSTODY

ME 02-20-14 CO2 / VSI

Send Report to Pete Kingston cc: Courtney Porter
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, WA 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) WZ

PROJECT NAME/NO. Troy Laundry PO # 0731-004

REMARKS

Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr.
 Rush charges authorized by:
P. Kingston

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	ANALYSES REQUESTED					Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOCs by 8260	SVOCs by 8270		TCLP PCE
P15-07.5	P15	7.5	01A-F	2/24/14	0905	Soil	6						X	
P16-02.50	P16	2.5	02		0910								X	
P16-07.5	P16	7.5	03		0920								X	
P17-07.5	P17	7.5	04		0930								X	
<p><i>R.K. 2/24/14</i></p>														
												<p>Samples received at <u>5</u> °C</p>		

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: <u>[Signature]</u>	Pete Kingston	SoundEarth	2/20/14	1045
Received by: <u>[Signature]</u>	DD W	F&B	"	"
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

February 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 20, 2014 from the SOU_0731-004_20140220, F&BI 402282 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter
SOU0227R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140220, F&BI 402282 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
402282 -01	P18-05
402282 -02	P18-10
402282 -03	P19-05
402282 -04	P19-10
402282 -05	P19-15
402282 -06	P20-05

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P18-05	Client:	SoundEarth Strategies
Date Received:	02/20/14	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/20/14	Lab ID:	402282-01
Date Analyzed:	02/21/14	Data File:	022109.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.24

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P18-10	Client:	SoundEarth Strategies
Date Received:	02/20/14	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/20/14	Lab ID:	402282-02
Date Analyzed:	02/21/14	Data File:	022110.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.56

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P19-05	Client:	SoundEarth Strategies
Date Received:	02/20/14	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/20/14	Lab ID:	402282-03
Date Analyzed:	02/21/14	Data File:	022111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.18

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P19-10	Client:	SoundEarth Strategies
Date Received:	02/20/14	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/20/14	Lab ID:	402282-04
Date Analyzed:	02/21/14	Data File:	022112.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P19-15	Client:	SoundEarth Strategies
Date Received:	02/20/14	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/20/14	Lab ID:	402282-05
Date Analyzed:	02/21/14	Data File:	022113.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	0.13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004_20140220, F&BI 402282
Date Extracted:	02/21/14	Lab ID:	04-0313 mb
Date Analyzed:	02/21/14	Data File:	022108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.03
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/27/14

Date Received: 02/20/14

Project: SOU_0731-004_20140220, F&BI 402282

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 402265-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	32	34	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	42	43	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	44	46	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	55	56	14-128	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	55	13-112	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	59	60	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	60	61	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	58	61	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	57	59	27-112	3
Trichloroethene	mg/kg (ppm)	2.5	<0.03	61	64	30-112	5
Tetrachloroethene	mg/kg (ppm)	2.5	0.031	61	64	27-110	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	80	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	72-116
Trichloroethene	mg/kg (ppm)	2.5	94	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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.

402282

SAMPLE CHAIN OF CUSTODY

ME 02-20-14

CO3/VS2

Send Report to Pete Kingston cc: Courtney Porter

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E, Suite 2000

City, State, ZIP Seattle, WA 98102

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

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Troy Laundry PO # 0731-004

REMARKS

Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
* RUSH 24 hr.
Rush charges authorized by:
P. Kingston

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	ANALYSES REQUESTED					Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOCs by 8260	SVOCs by 8270		OVOCs
P18-05	P18	5	01A-F	2/20/14	1045	Soil	6						X	
P18-10	P18	10	02		1105								X	
P19-05	P19	5	03		1120								X	
P19-10		10	04		1125								X	
P19-15		15	05		1135								X	
P20-05	P20	5	06		1200									HOLD
EMP 2/20/14														

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: <u>[Signature]</u>	Courtney Porter	SoundEarth	2/20/14	1340
Received by: <u>[Signature]</u>	Jo Jo	F&B	1/	11
Relinquished by:				
Received by:		Samples received at		4°C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

April 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on March 27, 2014 from the SOU_0731-004_20140327, F&BI 403417 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0404R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 27, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140327, F&BI 403417 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
403417 -01	B53-70
403417 -02	B53-75
403417 -03	B53-80
403417 -04	B53-85
403417 -05	B53-90

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/04/14

Date Received: 03/27/14

Project: SOU_0731-004_20140327, F&BI 403417

Date Extracted: 03/31/14

Date Analyzed: 03/31/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
B53-90 403417-05	<0.02	<0.02	<0.02	<0.06	<2	85
Method Blank 04-0608 MB	<0.02	<0.02	<0.02	<0.06	<2	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B53-70	Client:	SoundEarth Strategies
Date Received:	03/27/14	Project:	SOU_0731-004_20140327, F&BI 403417
Date Extracted:	03/31/14	Lab ID:	403417-01
Date Analyzed:	03/31/14	Data File:	033124.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B53-75	Client:	SoundEarth Strategies
Date Received:	03/27/14	Project:	SOU_0731-004_20140327, F&BI 403417
Date Extracted:	03/31/14	Lab ID:	403417-02
Date Analyzed:	03/31/14	Data File:	033125.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B53-85	Client:	SoundEarth Strategies
Date Received:	03/27/14	Project:	SOU_0731-004_20140327, F&BI 403417
Date Extracted:	03/31/14	Lab ID:	403417-04
Date Analyzed:	03/31/14	Data File:	033126.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B53-90	Client:	SoundEarth Strategies
Date Received:	03/27/14	Project:	SOU_0731-004_20140327, F&BI 403417
Date Extracted:	03/31/14	Lab ID:	403417-05
Date Analyzed:	03/31/14	Data File:	033127.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004_20140327, F&BI 403417
Date Extracted:	03/31/14	Lab ID:	04-627 mb
Date Analyzed:	03/31/14	Data File:	033106.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/04/14

Date Received: 03/27/14

Project: SOU_0731-004_20140327, F&BI 403417

**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: 403438-12 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	89	69-120
Toluene	mg/kg (ppm)	0.5	94	70-117
Ethylbenzene	mg/kg (ppm)	0.5	97	65-123
Xylenes	mg/kg (ppm)	1.5	98	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/04/14

Date Received: 03/27/14

Project: SOU_0731-004_20140327, F&BI 403417

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 403440-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.1	19	18	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<1	34	32	10-176	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.1	26	25	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<1	37	35	10-156	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.1	32	31	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.1	37	37	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.1	40	40	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.1	42	42	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.1	31	32	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.04	36	35	21-139	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.05	29	29	20-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	47-128
Methylene chloride	mg/kg (ppm)	2.5	85	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	100	62-131
Trichloroethene	mg/kg (ppm)	2.5	92	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	91	72-114

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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.

403417

SAMPLE CHAIN OF CUSTODY

ME 03/27/14

VS1/AP14

Send Report to Pete Kingston, Jonathan Loeffler

Company SoundEarth Strategies, Inc.

Address 2811 Fairview Avenue E, Suite 2000

City, State, ZIP Seattle, Washington 98102

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

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. TROY / 0731-004 PO # _____

REMARKS _____

TURNAROUND TIME
 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	ANALYSES REQUESTED					Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	C.VOCs by 8260	SVOCs by 8270		
B53-70	B53	70'	01 ^N _E	3/27/14	1105	SOIL	5				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> per PK 3/28/14
B53-75	↓	75'	02	↓	1125	↓	↓				<input checked="" type="checkbox"/>			MG
B53-80	↓	80'	03	↓	1145	↓	↓				<input checked="" type="checkbox"/>			
B53-85	↓	85'	04	↓	1200	↓	↓				<input checked="" type="checkbox"/>			
B53-90	↓	90'	05	↓	1215	↓	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<i>[Signature]</i>														
3/27/14														

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: <i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	3/27/14	1620
Received by: <i>[Signature]</i>	<i>[Signature]</i>	FBI	11	11
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

April 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on March 25, 2014 from the SOU_0731-004_20140325, F&BI 403359 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0409R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140325, F&BI 403359 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
403359-01	B51-70
403359-02	B51-72.5
403359-03	B51-75
403359-04	B51-77.5
403359-05	B51-80
403359-06	B51-82.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/09/14

Date Received: 03/25/14

Project: SOU_0731-004_20140325, F&BI 403359

Date Extracted: 03/31/14

Date Analyzed: 03/31/14 and 04/03/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
B51-72.5 403359-02	<0.02	<0.02	<0.02	<0.06	<2	87
B51-80 403359-05	<0.02	<0.02	<0.02	<0.06	<2	87
B51-82.5 403359-06 1/10	<0.2	<0.2	24	52	3,200	ip
Method Blank 04-0608 MB	<0.02	<0.02	<0.02	<0.06	<2	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B51-72.5	Client:	SoundEarth Strategies
Date Received:	03/25/14	Project:	SOU_0731-004_20140325, F&BI 403359
Date Extracted:	04/01/14	Lab ID:	403359-02
Date Analyzed:	04/01/14	Data File:	040109.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B51-80	Client:	SoundEarth Strategies
Date Received:	03/25/14	Project:	SOU_0731-004_20140325, F&BI 403359
Date Extracted:	04/01/14	Lab ID:	403359-05
Date Analyzed:	04/01/14	Data File:	040110.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B51-82.5	Client:	SoundEarth Strategies
Date Received:	03/25/14	Project:	SOU_0731-004_20140325, F&BI 403359
Date Extracted:	04/01/14	Lab ID:	403359-06
Date Analyzed:	04/02/14	Data File:	040205.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	90	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.060
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004_20140325, F&BI 403359
Date Extracted:	04/01/14	Lab ID:	04-0628 mb
Date Analyzed:	04/01/14	Data File:	040108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/09/14

Date Received: 03/25/14

Project: SOU_0731-004_20140325, F&BI 403359

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

Laboratory Code: 403438-12 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	89	69-120
Toluene	mg/kg (ppm)	0.5	94	70-117
Ethylbenzene	mg/kg (ppm)	0.5	97	65-123
Xylenes	mg/kg (ppm)	1.5	98	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/09/14

Date Received: 03/25/14

Project: SOU_0731-004_20140325, F&BI 403359

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 403359-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	54	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	69	10-176	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	68	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	68	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	70	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	78	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	81	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	80	10-156	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	77	76	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	78	76	20-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	22-139
Chloroethane	mg/kg (ppm)	2.5	81	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	92	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	62-131
Trichloroethene	mg/kg (ppm)	2.5	87	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	87	72-114

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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.

403359

SAMPLE CHAIN OF CUSTODY ME 03-25-14

E02 / VS2

Send Report to Pete Kingston, Jonathan Loeffler
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. TROY / 0731-004 PO # _____
 REMARKS _____

Page # _____ of _____
 TURNAROUND TIME
 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	ANALYSES REQUESTED						Notes				
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260	SVOCs by 8270	ClOCs by 8260c					
B51-70	B51	70'	01K-E	3/25/14	1320	SOIL	5											
B51-72.5	↓	72.5'	02T	↓	1345	↓	5		(X)	(X)	(X)							(X) per PK 3/28/14 mg
B51-75	↓	75'	03	↓	1400	↓	5											
B51-77.5	↓	77.5'	04	↓	1430	↓	5											
B51-80	↓	80'	05	↓	1440	↓	5		(X)	(X)	(X)							
B51-82.5	↓	82.5'	06	↓	1455	↓	5		(X)	(X)	(X)							
<u>[Signature]</u>																		
								3/25/14										

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: <u>[Signature]</u>	JONATHAN LOEFFLER	SOUND EARTH	3/25/14	1645
Received by: <u>[Signature]</u>	EPK [Signature]	FEB	3/25/14	1645
Relinquished by:				
Received by:				

Samples received at: 6.c

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

April 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on March 26, 2014 from the SOU_0731-004_20140326, F&BI 403391 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0408R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004_20140326, F&BI 403391 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
403391 -01	B52-70
403391 -02	B52-75
403391 -03	B52-80
403391 -04	B52-82.5
403391 -05	B52-85

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/08/14

Date Received: 03/26/14

Project: SOU_0731-004_20140326, F&BI 403391

Date Extracted: 03/31/14

Date Analyzed: 03/31/14 and 04/03/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
B52-70 403391-01	<0.02	<0.02	<0.02	<0.06	<2	88
B52-80 403391-03	<0.02	<0.02	<0.02	<0.06	<2	85
B52-82.5 403391-04	<0.02	<0.02	0.081	0.30	65	96
B52-85 403391-05	<0.02	<0.02	<0.02	<0.06	<2	86
Method Blank 04-0608 MB	<0.02	<0.02	<0.02	<0.06	<2	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B52-70	Client:	SoundEarth Strategies
Date Received:	03/26/14	Project:	SOU_0731-004_20140326, F&BI 403391
Date Extracted:	03/31/14	Lab ID:	403391-01
Date Analyzed:	03/31/14	Data File:	033118.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B52-80	Client:	SoundEarth Strategies
Date Received:	03/26/14	Project:	SOU_0731-004_20140326, F&BI 403391
Date Extracted:	03/31/14	Lab ID:	403391-03
Date Analyzed:	03/31/14	Data File:	033121.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B52-82.5	Client:	SoundEarth Strategies
Date Received:	03/26/14	Project:	SOU_0731-004_20140326, F&BI 403391
Date Extracted:	03/31/14	Lab ID:	403391-04
Date Analyzed:	03/31/14	Data File:	033122.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B52-85	Client:	SoundEarth Strategies
Date Received:	03/26/14	Project:	SOU_0731-004_20140326, F&BI 403391
Date Extracted:	03/31/14	Lab ID:	403391-05
Date Analyzed:	03/31/14	Data File:	033123.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.082

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004_20140326, F&BI 403391
Date Extracted:	03/31/14	Lab ID:	04-627 mb
Date Analyzed:	03/31/14	Data File:	033106.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/08/14

Date Received: 03/26/14

Project: SOU_0731-004_20140326, F&BI 403391

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

Laboratory Code: 403438-12 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	89	69-120
Toluene	mg/kg (ppm)	0.5	94	70-117
Ethylbenzene	mg/kg (ppm)	0.5	97	65-123
Xylenes	mg/kg (ppm)	1.5	98	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/08/14

Date Received: 03/26/14

Project: SOU_0731-004_20140326, F&BI 403391

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 403440-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.1	19	18	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<1	34	32	10-176	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.1	26	25	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<1	37	35	10-156	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.1	32	31	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.1	37	37	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.1	40	40	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.1	42	42	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.1	31	32	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.04	36	35	21-139	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.05	29	29	20-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	47-128
Methylene chloride	mg/kg (ppm)	2.5	85	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	100	62-131
Trichloroethene	mg/kg (ppm)	2.5	92	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	91	72-114

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.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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 this range fell outside of acceptance criteria. The value reported is an estimate.

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

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

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

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

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. 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 analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is 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 compound indicated 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 in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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.

403891

SAMPLE CHAIN OF CUSTODY

ME 03-26-14

A02 / VS2

Send Report to Pete Kingston, Jonathan Loeffler
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, Washington 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature] Page # 1 of 1

PROJECT NAME/NO. TROY / 0731-004 PO # _____

REMARKS _____

TURNAROUND TIME
 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	ANALYSES REQUESTED					Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	c VOCs by 8260	SVOCs by 8270		
B52-70	B52	70'	01A	3/26/14	1045	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			X	(X) - per PK
B52-75	B52	75'	02	↓	1105	↓	5						X	3/31/14
B52-80	B52	80'	03	↓	1120	↓	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			X	m
B52-82.5	B52	82.5'	04	↓	1140	↓	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			X	
B52-85	B52	85'	05	↓	1205	↓	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			X	

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: _____	JONATHAN LOEFFLER	SOUNDEARTH	3/26/14	1615
Received by: <u>[Signature]</u>	HONG NGUYEN	FBI	✓	✓
Relinquished by: _____				
Received by: _____				

Sample received at 5 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 8, 2014 from the SOU_0731-004-05_20140708, F&BI 407109 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler
SOU0709R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140708, F&BI 407109 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407109 -01	J2-65
407109 -02	J2-60
407109 -03	J4-65
407109 -04	J4-60
407109 -05	J7-65
407109 -06	J7-60
407109 -07	J10-65
407109 -08	J10-60
407109 -09	K13-75
407109 -10	K13-70
407109 -11	K13-65

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J2-65	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-01
Date Analyzed:	07/08/14	Data File:	070823.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	109	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J2-60	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-02
Date Analyzed:	07/08/14	Data File:	070824.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J4-65	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-03
Date Analyzed:	07/08/14	Data File:	070825.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J4-60	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-04
Date Analyzed:	07/08/14	Data File:	070826.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J7-65	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-05
Date Analyzed:	07/08/14	Data File:	070827.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	105	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J7-60	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-06
Date Analyzed:	07/08/14	Data File:	070828.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	108	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J10-65	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-07
Date Analyzed:	07/08/14	Data File:	070829.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J10-60	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-08
Date Analyzed:	07/08/14	Data File:	070830.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K13-75	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-09
Date Analyzed:	07/08/14	Data File:	070831.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K13-70	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-10
Date Analyzed:	07/08/14	Data File:	070832.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.049

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K13-65	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	407109-11
Date Analyzed:	07/08/14	Data File:	070833.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140708
Date Extracted:	07/08/14	Lab ID:	04-1365 mb
Date Analyzed:	07/08/14	Data File:	070816.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	105	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/09/14

Date Received: 07/08/14

Project: SOU_0731-004-05_20140708, F&BI 407109

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407011-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	50	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	70	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	71	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	78	78	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	82	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	88	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	89	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	86	88	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	88	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	87	89	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	81	20-133	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/09/14

Date Received: 07/08/14

Project: SOU_0731-004-05_20140708, F&BI 407109

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	78	22-139
Chloroethane	mg/kg (ppm)	2.5	89	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	93	47-128
Methylene chloride	mg/kg (ppm)	2.5	88	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Trichloroethene	mg/kg (ppm)	2.5	100	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	92	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

407109

SAMPLE CHAIN OF CUSTODY

ME 07/08/14

VSS

Send Report To Pete Kingston cc: J Laffer
 Company Sand Earth
 Address 2811 Fernview Ave E
 City, State, ZIP Seattle WA 98102
 Phone # 206 306 1900 Fax # 206 306 1909

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 0731-004-05 PO #
Tray
 REMARKS
 GEMSY
 N

Page # 1 of 1
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hrs
 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	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Cuols by 8280	
J2-65	J2	65	01A	7/8/14	1242	Soil	4							X	
J2-60	J2	60	02A		1248									X	
J4-65	J4	65	03A		1256									X	
J4-60	J4	60	04A		1300									X	
J7-65	J7	65	05A		1310		PC							X	
J7-60	J7	60	06A		1315	PK								X	
J10-65	J10	65	07A		1324									X	
J10-60	J10	60	08A		1329									X	
K13-75	K13	75	09A		1340									X	
K13-70	K13	70	10A		1345									X	
K13-65	K13	65	11A		1350									X	

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Pete Kingston	SES	7/8/14	1430
Received by: <u>[Signature]</u>	Edna Clow	FEB	7/5/14	1440
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 8, 2014 from the SOU_0731_20140708, F&BI 407111 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler
SOU0709R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731_20140708, F&BI 407111 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407111-01	P18-75
407111-02	P18-70
407111-03	S18-80
407111-04	S18-75
407111-05	S18-70
407111-06	V18-85
407111-07	V18-80
407111-08	V18-75
407111-09	CC18-85
407111-10	CC18-80
407111-11	CC18-75

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P18-75	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-01
Date Analyzed:	07/08/14	Data File:	070837.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P18-70	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-02
Date Analyzed:	07/08/14	Data File:	070838.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S18-80	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-03
Date Analyzed:	07/08/14	Data File:	070839.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S18-75	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-04
Date Analyzed:	07/08/14	Data File:	070840.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S18-70	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-05
Date Analyzed:	07/08/14	Data File:	070841.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V18-85	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-06
Date Analyzed:	07/08/14	Data File:	070842.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	108	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V18-80	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-07
Date Analyzed:	07/09/14	Data File:	070843.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	105	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V18-75	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-08
Date Analyzed:	07/09/14	Data File:	070844.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC18-85	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-09
Date Analyzed:	07/09/14	Data File:	070845.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC18-80	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-10
Date Analyzed:	07/09/14	Data File:	070846.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	105	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC18-75	Client:	SoundEarth Strategies
Date Received:	07/08/14	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	407111-11
Date Analyzed:	07/09/14	Data File:	070847.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731_20140708, F&BI 407111
Date Extracted:	07/08/14	Lab ID:	04-1395 mb
Date Analyzed:	07/08/14	Data File:	070836.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	106	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/09/14

Date Received: 07/08/14

Project: SOU_0731_20140708, F&BI 407111

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407111-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet wt)	Duplicate Result (Wet wt)	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	<0.05	<0.05	nm
Chloroethane	mg/kg (ppm)	<0.5	<0.5	nm
1,1-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
Methylene chloride	mg/kg (ppm)	<0.5	<0.5	nm
trans-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
cis-1,2-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dichloroethane (EDC)	mg/kg (ppm)	<0.05	<0.05	nm
1,1,1-Trichloroethane	mg/kg (ppm)	<0.05	<0.05	nm
Trichloroethene	mg/kg (ppm)	<0.02	<0.02	nm
Tetrachloroethene	mg/kg (ppm)	<0.025	<0.025	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	76	75	22-139	1
Chloroethane	mg/kg (ppm)	2.5	83	82	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	92	47-128	2
Methylene chloride	mg/kg (ppm)	2.5	92	91	42-132	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	99	67-127	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	101	68-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	101	72-113	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	103	99	56-135	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	98	98	62-131	0
Trichloroethene	mg/kg (ppm)	2.5	105	105	64-117	0
Tetrachloroethene	mg/kg (ppm)	2.5	95	93	72-114	2

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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

ME 7/8/14 V511

407111
 Send Report To Pete Kingston, cc: Jon Loeffler
 Company SOUNDEARTH STRATEGIES
 Address 2811 Fairview Ave. East, Suite 2000
 City, State, ZIP Seattle, WA, 98102
 Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 0731 PO #
 REMARKS
 GEMS Y / N

Page # 1 of 1
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston
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	ANALYSES REQUESTED							Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	cVOC's by 8260c	SVOC's by 8270	RCRA-8 Metals			
P18-75	P18	75'	01A-D	7/8/2014	1410	SOIL	4				X					
P18-70	P18	70'	02		1428						X					
S18-80	S18	80'	03		1440						X					
S18-75	S18	75'	04		1446						X					
S18-70	S18	70'	05		1453						X					
V18-85	V18	85'	06		1459						X					
V18-80	V18	80'	07		1504						X					
V18-75	V18	75'	08		1515						X					
CC18-85	CC18	85'	09		1523						X					
CC18-80	CC18	80'	10		1529						X					
CC18-75	CC18	75'	11		1538						X					

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	JONATHAN LOEFFLER	SOUNDEARTH	7/8/14	1705
Received by: <u>[Signature]</u>	HONG NGUYEN	EBE	✓	✓
Relinquished by:				
Received by:				

Samples received at 4 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 9, 2014 from the SOU_0731_20140709, F&BI 407137 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler
SOU0710R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 9, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731_20140709, F&BI 407137 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407137 -01	EE11-85
407137 -02	EE11-80
407137 -03	EE11-75
407137 -04	EE14-85
407137 -05	EE14-80
407137 -06	EE14-75
407137 -07	EE17-85
407137 -08	EE17-80
407137 -09	EE17-75
407137 -10	HH12-88
407137 -11	HH12-83
407137 -12	HH16-88
407137 -13	HH16-83
407137 -14	G14-70
407137 -15	I14-70
407137 -16	L16-80
407137 -17	L16-75
407137 -18	DUPLICATE01

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE11-85	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-01
Date Analyzed:	07/09/14	Data File:	070914.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE11-80	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-02
Date Analyzed:	07/09/14	Data File:	070915.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE11-75	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-03
Date Analyzed:	07/09/14	Data File:	070916.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE14-85	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-04
Date Analyzed:	07/09/14	Data File:	070917.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE14-80	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-05
Date Analyzed:	07/09/14	Data File:	070918.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE14-75	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-06
Date Analyzed:	07/09/14	Data File:	070919.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE17-85	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-07
Date Analyzed:	07/09/14	Data File:	070920.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE17-80	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-08
Date Analyzed:	07/09/14	Data File:	070921.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE17-75	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-09
Date Analyzed:	07/09/14	Data File:	070922.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH12-88	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-10
Date Analyzed:	07/09/14	Data File:	070923.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH12-83	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-11
Date Analyzed:	07/09/14	Data File:	070924.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH16-88	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-12
Date Analyzed:	07/09/14	Data File:	070925.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH16-83	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-13
Date Analyzed:	07/09/14	Data File:	070926.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	I14-70	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-15
Date Analyzed:	07/09/14	Data File:	070928.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L16-80	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-16
Date Analyzed:	07/09/14	Data File:	070929.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L16-75	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-17
Date Analyzed:	07/09/14	Data File:	070930.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE01	Client:	SoundEarth Strategies
Date Received:	07/09/14	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	407137-18
Date Analyzed:	07/09/14	Data File:	070931.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731_20140709, F&BI 407137
Date Extracted:	07/09/14	Lab ID:	04-1397 mb
Date Analyzed:	07/09/14	Data File:	070908.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	105	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/10/14

Date Received: 07/09/14

Project: SOU_0731_20140709, F&BI 407137

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407118-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	36	36	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	56	51	10-101	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	45	47	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	0.41	67	70	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	59	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	65	68	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	69	25-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	68	69	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	57	59	27-112	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	65	66	30-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	56	57	27-110	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/10/14

Date Received: 07/09/14

Project: SOU_0731_20140709, F&BI 407137

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	42-107
Chloroethane	mg/kg (ppm)	2.5	68	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Trichloroethene	mg/kg (ppm)	2.5	94	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	97	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

407137

SAMPLE CHAIN OF CUSTODY

ME 07-09-14

VS2

Send Report To Pete Kingston, cc: Jon Loeffler
 Company SOUNDEARTH STRATEGIES, INC.
 Address 2811 Fairview Avenue East
 City, State, ZIP Seattle, WA 98102
 Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. <u>0731 / TROY LAUNDRY</u>	PO #
REMARKS <u>RUSH (24 hr. TAT)</u>	GEMS Y / <u>N</u>

Page # 1 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston

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	ANALYSES REQUESTED						Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	cVOC's by 8260C	SVOC's by 8270	RCRA-8 Metals		
EE11-85	EE11	25 7'	01A-D	7/9/14	1133	SOIL	4				X				
EE11-80	EE11	13'	02		1138						X				
EE11-75	EE11	18'	03		1147						X				
EE14-85	EE14	5'	04		1158						X				
EE14-80	EE14	10'	05		1203						X				
EE14-75	EE14	15'	06		1213						X				
EE17-85	EE17	7'	07		1222						X				
EE17-80	EE17	13'	08		1229						X				
EE17-75	EE17	18'	09		1244						X				
HH12-88	HH12	4'	10		1301						X				
HH12-83	HH12	9'	11		1330						X				
HH16-88	HH16	4.5'	12		1340						X				
HH16-83	HH16	9.5'	13		1347						X				

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SES	7/9/14	1537
Received by: <i>Pete Kingston</i>	Pete Kingston	EBI Inc	7/9/14	1537
Relinquished by:				
Received by:				

407137

SAMPLE CHAIN OF CUSTODY

ME 07/07-09-14

US

Send Report To Pete Kingston, cc: Jon Loeffler
 Company SCUNDEARTH STRATEGIES, INC.
 Address 2811 Fairview Avenue East
 City, State, ZIP Seattle, WA 98102
 Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. TROY LAUNDRY / 0731 PO # _____

REMARKS RUSH (24hr. TAT) GEMS Y / N

Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston

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	ANALYSES REQUESTED						Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOC's by 8260C	SVOC's by 8270	RCRA-8 Metals		HOLD
G14-70	G14	12.5'	14A-D	7/9/14	1418	SOIL	4							X	
I14-70	I14	13.5'	15	↓	1430	↓	↓				X				
L16-80	L16	6'	16	↓	1438	↓	↓				X				
L16-75	L16	11'	17	↓	1444	↓	↓				X				
DUPLICATE 01	—	—	18	7/9/14	—	SOIL	4				X				
[Signature] 7/9/14															

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	JONATHAN LOEFFLER	SES	7/9/14	1537
Received by: <u>[Signature]</u>	Matt Loeffler	F-B De	7/9/14	1537
Relinquished by:				
Received by:				

Samples received at 4 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

June 30, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the the amended report from the testing of material submitted on July 10, 2014 from the SOU_0731_20140710, F&BI 407171 project. Per your request, sample DD23-87 has been amended to DD23-89 and sample DD23-89 has been amended to DD23-87.

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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler
SOU0711R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 10, 2014 from the SOU_0731_20140710, F&BI 407171 project. There are 30 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0711R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407171 -01	EE8-85
407171 -02	EE8-80
407171 -03	EE8-75
407171 -04	CC15-85
407171 -05	CC15-80
407171 -06	CC15-75
407171 -07	Z15-85
407171 -08	Z15-80
407171 -09	Z15-75
407171 -10	W15-85
407171 -11	W15-80
407171 -12	W15-75
407171 -13	T15-80
407171 -14	T15-75
407171 -15	DD23-89
407171 -16	DD23-87
407171 -17	HH15-88
407171 -18	GG14-88
407171 -19	II14-88
407171 -20	HH13-88
407171 -21	DUPLICATE02

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14
Date Received: 07/10/14
Project: SOU_0731_20140710, F&BI 407171
Date Extracted: 07/10/14
Date Analyzed: 07/11/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
W15-75 407171-12 1/10	<0.2	<0.2	4.4	36	4,700	143
DD23-87 407171-16	<0.02	0.037	<0.02	<0.06	<2	95
Method Blank 04-1329 MB	<0.02	<0.02	<0.02	<0.06	<2	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14
Date Received: 07/10/14
Project: SOU_0731_20140710, F&BI 407171
Date Extracted: 07/10/14
Date Analyzed: 07/11/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
W15-75 407171-12	4,500 x	<250	89
DD23-87 407171-16	<50	<250	91
Method Blank 04-1425 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14
Date Received: 07/10/14
Project: SOU_0731_20140710, F&BI 407171
Date Extracted: 07/10/14
Date Analyzed: 07/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS
AS STODDARD SOLVENT
USING METHOD NWTPH-Dx**

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

<u>Sample ID</u> Laboratory ID	<u>Stoddard Solvent Range</u> (C ₈ -C ₁₁)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
DD23-87 407171-16	<50	80
Method Blank 04-1425 MB	<50	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE8-85	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-01
Date Analyzed:	07/10/14	Data File:	071014.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE8-80	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-02
Date Analyzed:	07/10/14	Data File:	071015.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE8-75	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-03
Date Analyzed:	07/10/14	Data File:	071016.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC15-85	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-04
Date Analyzed:	07/10/14	Data File:	071017.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC15-80	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-05
Date Analyzed:	07/10/14	Data File:	071018.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC15-75	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-06
Date Analyzed:	07/10/14	Data File:	071019.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z15-85	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-07
Date Analyzed:	07/10/14	Data File:	071020.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z15-80	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-08
Date Analyzed:	07/10/14	Data File:	071021.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z15-75	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-09
Date Analyzed:	07/10/14	Data File:	071022.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W15-85	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-10
Date Analyzed:	07/10/14	Data File:	071023.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W15-80	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-11
Date Analyzed:	07/10/14	Data File:	071024.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W15-75	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-12
Date Analyzed:	07/11/14	Data File:	071041.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	85	117
Toluene-d8	100	93	107
4-Bromofluorobenzene	96	76	126

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.46

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T15-80	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-13
Date Analyzed:	07/10/14	Data File:	071025.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T15-75	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-14
Date Analyzed:	07/10/14	Data File:	071026.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD23-89	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-15 1/5
Date Analyzed:	07/11/14	Data File:	071032.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	106	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	0.40
Chloroethane	<2.5
1,1-Dichloroethene	<0.25
Methylene chloride	<2.5
trans-1,2-Dichloroethene	<0.25
1,1-Dichloroethane	0.40
cis-1,2-Dichloroethene	3.5
1,2-Dichloroethane (EDC)	<0.25
1,1,1-Trichloroethane	<0.25
Trichloroethene	0.24
Tetrachloroethene	0.60

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH15-88	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-17
Date Analyzed:	07/10/14	Data File:	071027.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.44

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	GG14-88	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-18
Date Analyzed:	07/10/14	Data File:	071028.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	II14-88	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-19
Date Analyzed:	07/10/14	Data File:	071029.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH13-88	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-20
Date Analyzed:	07/11/14	Data File:	071030.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE02	Client:	SoundEarth Strategies
Date Received:	07/10/14	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	407171-21
Date Analyzed:	07/11/14	Data File:	071031.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

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ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731_20140710, F&BI 407171
Date Extracted:	07/10/14	Lab ID:	04-1399 mb
Date Analyzed:	07/10/14	Data File:	071006.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14

Date Received: 07/10/14

Project: SOU_0731_20140710, F&BI 407171

**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: 407146-02 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	85	69-120
Toluene	mg/kg (ppm)	0.5	91	70-117
Ethylbenzene	mg/kg (ppm)	0.5	93	65-123
Xylenes	mg/kg (ppm)	1.5	90	66-120
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14

Date Received: 07/10/14

Project: SOU_0731_20140710, F&BI 407171

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

Laboratory Code: 407150-12 (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	90	100	63-146	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14

Date Received: 07/10/14

Project: SOU_0731_20140710, F&BI 407171

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
STODDARD SOLVENT USING METHOD NWTPH-Dx**

Laboratory Code: 407171-16 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Stoddard Solvent	mg/kg (ppm)	5,000	<50	90	106	50-150	16

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Stoddard Solvent	mg/kg (ppm)	5,000	92	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/11/14

Date Received: 07/10/14

Project: SOU_0731_20140710, F&BI 407171

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407171-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	59	10-91	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	74	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	69	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	82	14-128	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	81	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	87	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	85	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	87	22-124	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	77	80	27-112	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	87	30-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	89	27-110	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	79	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	82	65-110
Methylene chloride	mg/kg (ppm)	2.5	94	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	98	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

407171

SAMPLE CHAIN OF CUSTODY

ME 07-10-14

002/ VS2

Send Report To Pete Kingston, cc: Jon Loeffler
 Company SOUNDEARTH STRATEGIES, INC.
 Address 2811 FAIRVIEW AVE. EAST
 City, State, ZIP SEATTLE, WA 98102
 Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature)	
PROJECT NAME/NO. <u>TROY LAUNDRY / 0731</u>	PO #
REMARKS	GEMS Y / N

Page # 1 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston

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	ANALYSES REQUESTED								Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	RCRA-8 Metals				
EE8-85	EE8	7'	01A-D	7/10/14	0730	SOIL	4					X					
EE8-80	EE8	12'	02		0738							X					
EE8-75	EE8	17'	03		0745							X					
CC15-85	CC15	5'	04		0759							X					
CC15-80	CC15	10'	05		0804							X					
CC15-75	CC15	15'	06		0815							X					
Z15-85	Z15	6'	07		0825							X					
Z15-80	Z15	11'	08		0831							X					
Z15-75	Z15	16'	09		0842							X					
W15-85	W15	5'	10		0859							X					
W15-80	W15	10'	11		0909							X					
W15-75	W15	15'	12		0916				X	X	X	X					
T15-80	T15	7'	13		0955				X	X	X	X					

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	JONATHAN LOEFFLER	SES	7/10/14	1550
Received by:	Pete Kingston	EBtc	7/10/14	1550
Relinquished by:				
Received by:				

407171

SAMPLE CHAIN OF CUSTODY

ME 07-10-14

UO2/ V52

Send Report To Pete Kingston, cc: Jon Loeffler

Company SOUNDEARTH STRATEGIES, INC

Address 2811 FAIRVIEW AVE. EAST

City, State, ZIP SEATTLE, WA 98102

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

SAMPLERS (signature) <u>Jonathan Loeffler</u>	
PROJECT NAME/NO. <u>TROY LAUNDRY / 0731</u>	PO #
REMARKS	GEMS Y / N

Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston

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

per
pk
6/24/14
ML

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes		
								NWTPH-Dx	NWTPH-Cx	BTEX by 8021B	CVOCs by 8260C	SVOCs by 8270	RCRA-8 Metals	STODDARD by TPH - STODDARD						
T15-75	T15	12'	14AD	7/10/14	1000	SOIL	4													
DD23	DD23	4'	15A-F		1315		(6) (6)					X								
DD23	DD23	6'	16 t		1335		(6) (6)	X	X	X							X			3-Day TAT
HH15-88	HH15	4'	17AD		1514							X								
GG14-88	GG14	4'	18		1515							X								
II14-88	II14	4'	19		1516							X								
HH13-88	HH13	4'	20		1517							X								
DUPLICATE 02			21									X								

7/10/14

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

SIGNATURE		PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	<u>Jonathan Loeffler</u>	JONATHAN LOEFFLER	SES	7/10/14	1550
Received by:	<u>Walt Laysman</u>	Walt Laysman	FIBre	7/10/14	1550
Relinquished by:					
Received by:					

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 11, 2014 from the SOU_0731-004-05_20140711, F&BI 407194 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0714R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140711, F&BI 407194 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407194 -01	BB12-85
407194 -02	BB12-80
407194 -03	BB12-75
407194 -04	BB9-85
407194 -05	BB9-80
407194 -06	BB9-75
407194 -07	CC3-85
407194 -08	CC3-80
407194 -09	CC3-75
407194 -10	HH16-88

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB12-85	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-01
Date Analyzed:	07/11/14	Data File:	071113.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.052

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB12-80	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-02
Date Analyzed:	07/11/14	Data File:	071122.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	107	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.050

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB12-75	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-03
Date Analyzed:	07/11/14	Data File:	071121.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	105	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.049

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB9-85	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-04
Date Analyzed:	07/11/14	Data File:	071114.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB9-80	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-05
Date Analyzed:	07/11/14	Data File:	071115.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB9-75	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-06
Date Analyzed:	07/11/14	Data File:	071116.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC3-85	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-07
Date Analyzed:	07/11/14	Data File:	071117.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.053

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC3-80	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-08
Date Analyzed:	07/11/14	Data File:	071118.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC3-75	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-09
Date Analyzed:	07/11/14	Data File:	071119.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	105	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH16-88	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	407194-10
Date Analyzed:	07/11/14	Data File:	071120.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140711, F&BI 407194
Date Extracted:	07/11/14	Lab ID:	04-1403 mb
Date Analyzed:	07/11/14	Data File:	071108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/14/14

Date Received: 07/11/14

Project: SOU_0731-004-05_20140711, F&BI 407194

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407135-19 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	54	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	78	10-101	14
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	63	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	81	14-128	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	75	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	83	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	83	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	84	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	74	27-112	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	81	30-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	69	69	27-110	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	42-107
Chloroethane	mg/kg (ppm)	2.5	81	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	65-110
Methylene chloride	mg/kg (ppm)	2.5	98	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	100	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	72-116
Trichloroethene	mg/kg (ppm)	2.5	103	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	101	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

407194

SAMPLE CHAIN OF CUSTODY

ME 07-11-14

Page # 1 of 1

Send Report To Pete Kingston, cc: Jon Loeffler
Company SOUNDEARTH STRATEGIES
Address 2811 FAIRVIEW AVE. EAST
City, State, ZIP SEATTLE, WA 98102
Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. TROY LAUNDRY / 0731-004-05 PO #

REMARKS GEMS Y / N

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr. TAT
 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	ANALYSES REQUESTED						Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	eVOC's by 8260C	SVOC's by 8270	RCRA-8 Metals		
BB12-85	BB12	7'	01A-D	7/11/14	0759	SOIL	4				X				
BB12-80	BB12	12'	02T		0805						X				
BB12-75	BB12	17'	03		0812						X				
BB9-85	BB9	7'	04		0825						X				
BB9-80	BB9	12'	05		0830						X				
BB9-75	BB9	17'	06		0835						X				
CC3-85	CC3	8'	07		0848						X				
CC3-80	CC3	12'	08		0855						X				
CC3-75	CC3	17'	09		0859						X				
HH16-88	HH16	4'	10		1030						X				

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	JONATHAN LOEFFLER	SES	7/11/14	1420
Received by: <i>[Signature]</i>	<i>[Signature]</i>	FBT	8/11/14	1720
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 11, 2014 from the SOU_0731-004-05_20140711, F&BI 407197 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler
SOU0714R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140711, F&BI 407197 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407197 -01	Z17-87

Gasoline was detected in the NWTPH-HCID analysis of sample Z17-87 close to the reporting limit. When quantified by method NWTPH-Gx, the result was less than 2 mg/kg.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/14/14

Date Received: 07/11/14

Project: SOU_0731-004-05_20140711, F&BI 407197

Date Extracted: 07/11/14

Date Analyzed: 07/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR GASOLINE, DIESEL AND HEAVY OIL BY NWTPH-HCID
Results Reported as Not Detected (ND) or Detected (D)**

**THE DATA PROVIDED BELOW WAS PERFORMED PER THE GUIDELINES ESTABLISHED BY THE
WASHINGTON DEPARTMENT OF ECOLOGY AND WERE NOT DESIGNED TO PROVIDE INFORMATION
WITH REGARDS TO THE ACTUAL IDENTIFICATION OF ANY MATERIAL PRESENT**

<u>Sample ID</u> Laboratory ID	<u>Gasoline</u>	<u>Diesel</u>	<u>Heavy Oil</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
Z17-87 407197-01	D	ND	ND	87
Method Blank 04-1445 MB	ND	ND	ND	91

ND - Material not detected at or above 20 mg/kg gas, 50 mg/kg diesel and 250 mg/kg heavy oil.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/14/14

Date Received: 07/11/14

Project: SOU_0731-004-05_20140711, F&BI 407197

Date Extracted: 07/14/14

Date Analyzed: 07/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Z17-87 407197-01	<2	118
Method Blank 04-1431 MB	<2	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z17-87	Client:	SoundEarth Strategies
Date Received:	07/11/14	Project:	SOU_0731-004-05_20140711, F&BI 407197
Date Extracted:	07/11/14	Lab ID:	407197-01
Date Analyzed:	07/11/14	Data File:	071124.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140711, F&BI 407197
Date Extracted:	07/11/14	Lab ID:	04-1403 mb
Date Analyzed:	07/11/14	Data File:	071108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/14/14

Date Received: 07/11/14

Project: SOU_0731-004-05_20140711, F&BI 407197

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 407170-03 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/14/14

Date Received: 07/11/14

Project: SOU_0731-004-05_20140711, F&BI 407197

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407135-19 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	54	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	78	10-101	14
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	63	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	81	14-128	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	75	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	83	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	83	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	84	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	74	27-112	0
Benzene	mg/kg (ppm)	2.5	0.063	77	79	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	81	30-112	2
Toluene	mg/kg (ppm)	2.5	0.19	79	80	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	69	69	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	0.82	49 b	51 b	38-111	4 b
m,p-Xylene	mg/kg (ppm)	5	4.2	9 b	13 b	38-112	36 b
o-Xylene	mg/kg (ppm)	2.5	1.9	15 b	17 b	38-113	12 b

Laboratory Code: Laboratory Control Sample

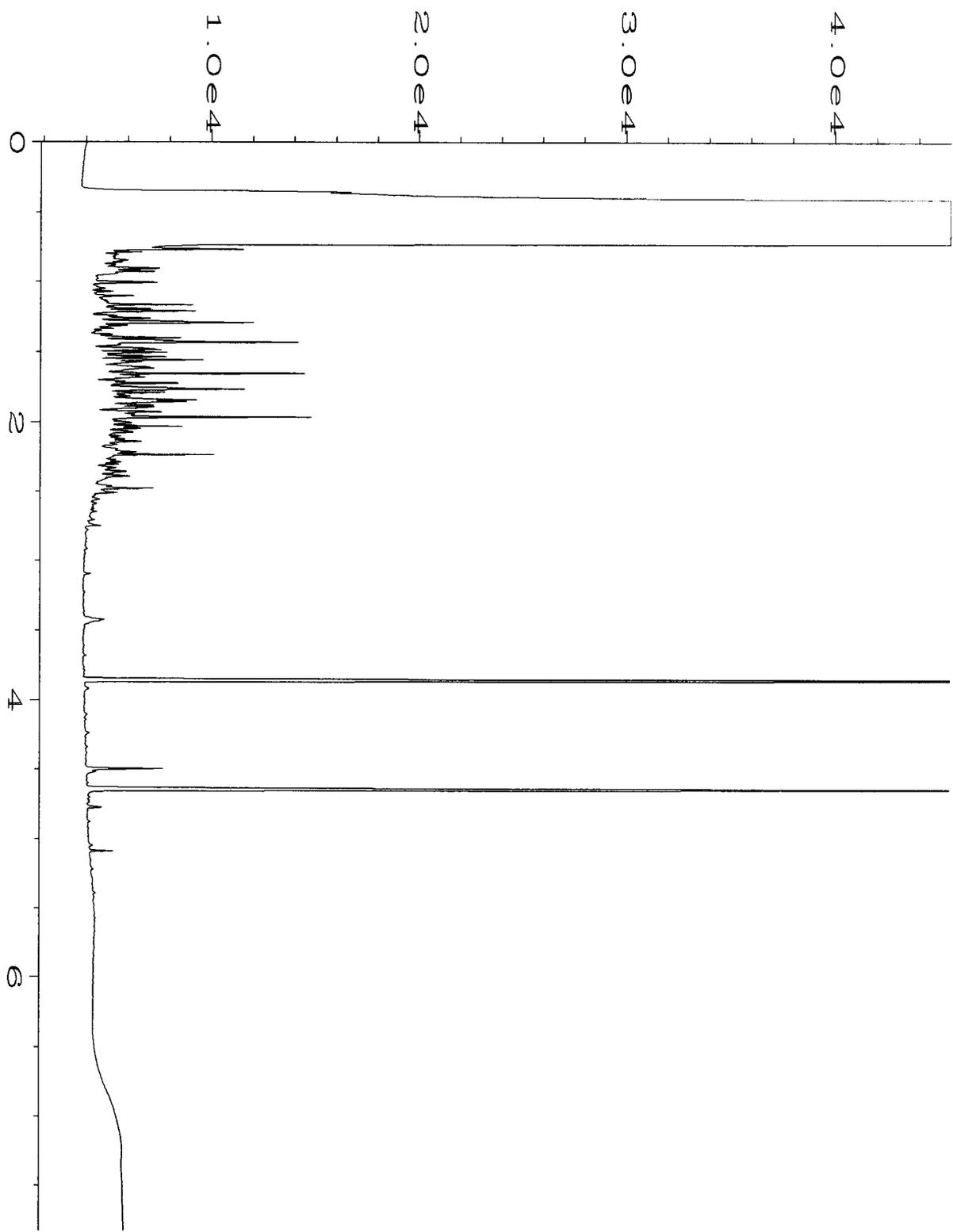
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	42-107
Chloroethane	mg/kg (ppm)	2.5	81	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	65-110
Methylene chloride	mg/kg (ppm)	2.5	98	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	100	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	72-116
Benzene	mg/kg (ppm)	2.5	100	75-107
Trichloroethene	mg/kg (ppm)	2.5	103	72-107
Toluene	mg/kg (ppm)	2.5	106	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	101	77-110
Ethylbenzene	mg/kg (ppm)	2.5	104	81-114
m,p-Xylene	mg/kg (ppm)	5	108	82-115
o-Xylene	mg/kg (ppm)	2.5	106	81-116

FRIEDMAN & BRUYA, INC.

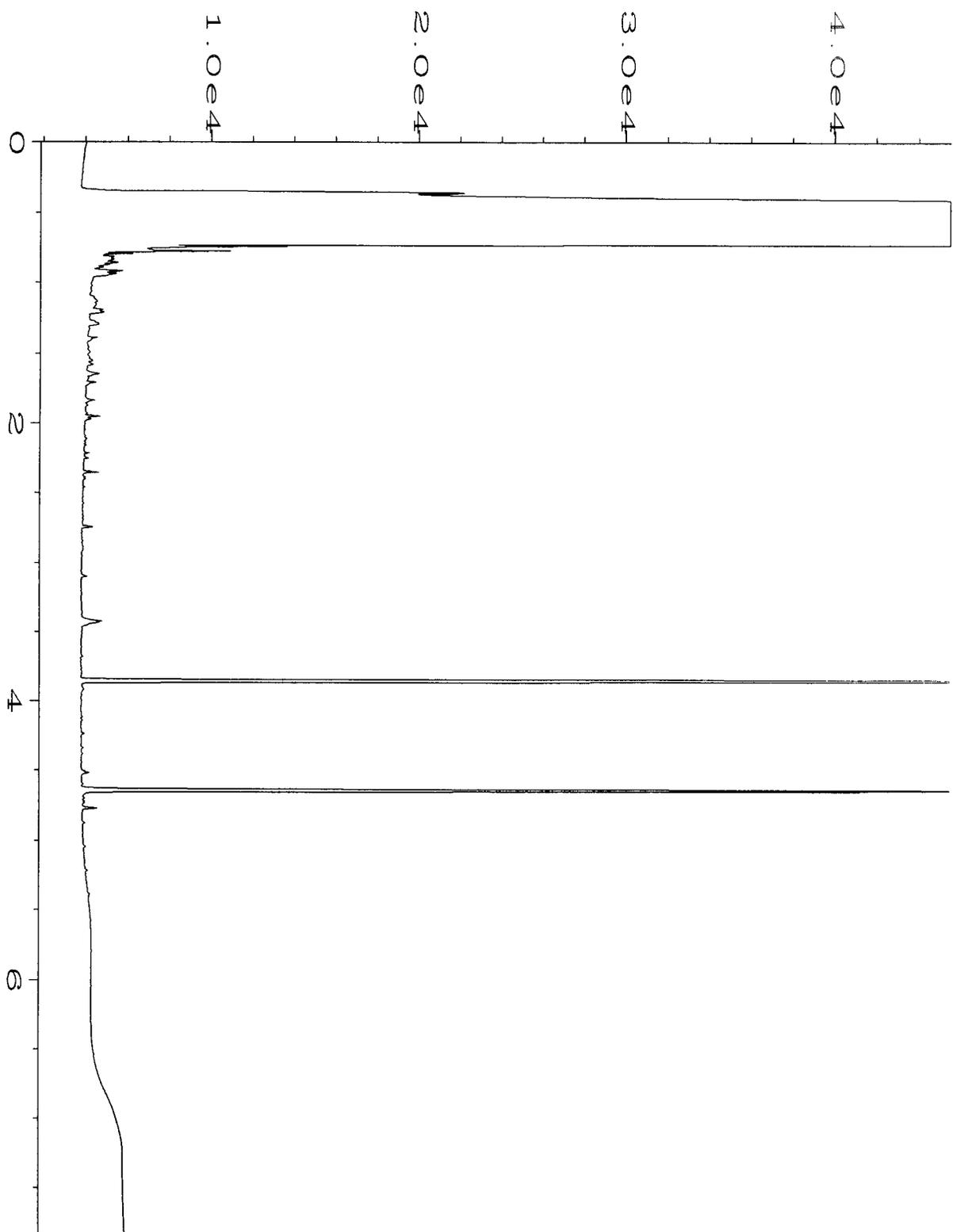
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

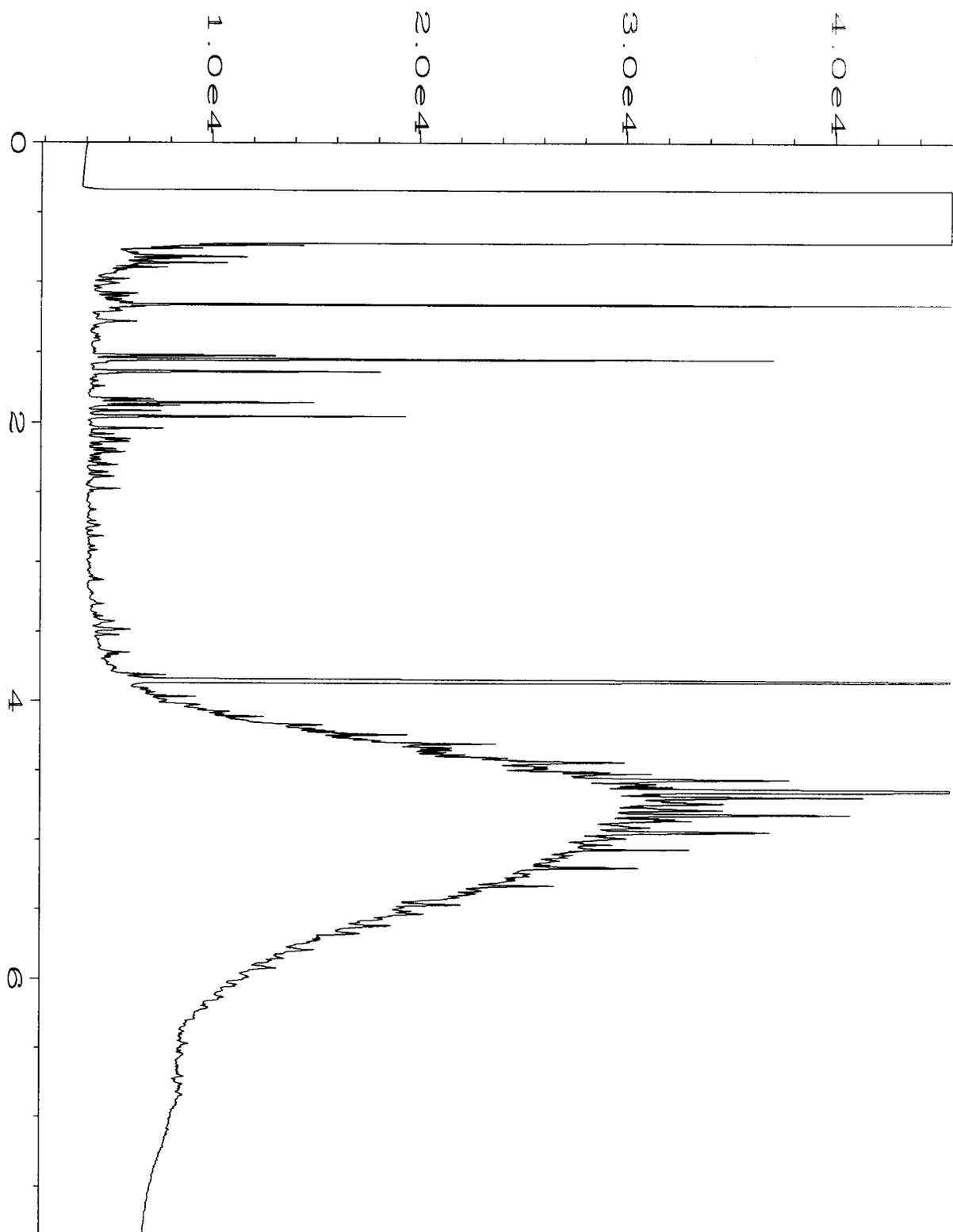
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



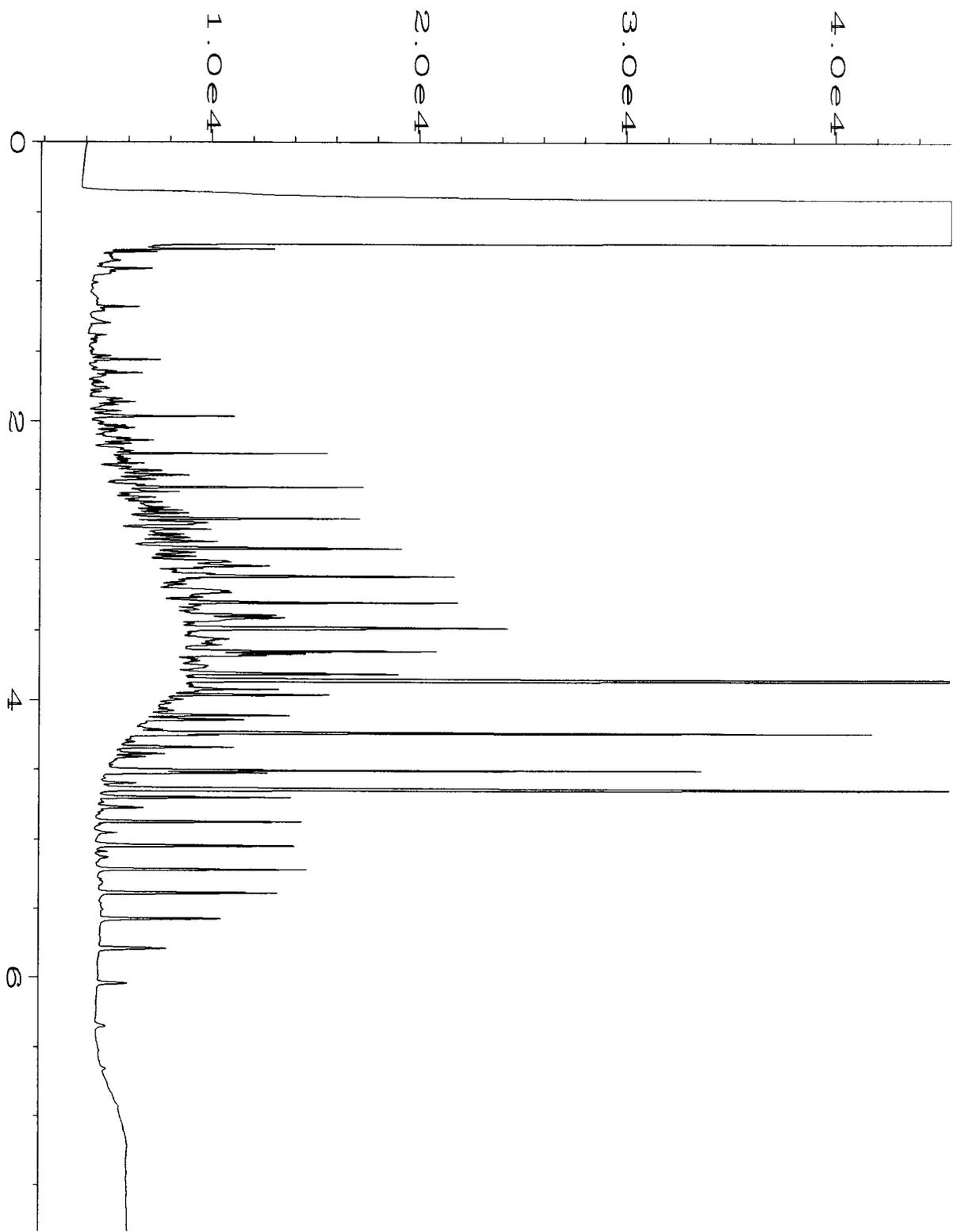
Data File Name	: C:\HPCHEM\6\DATA\07-11-14\045F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 45
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 407197-01	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 Jul 14 11:54 PM	Analysis Method	: DX.MTH
Report Created on:	14 Jul 14 08:53 AM		



Data File Name	: C:\HPCHEM\6\DATA\07-11-14\044F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1445 mb	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 Jul 14 11:40 PM	Analysis Method	: DX.MTH
Report Created on:	14 Jul 14 08:53 AM		



Data File Name	: C:\HPCHEM\6\DATA\07-11-14\096F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 96
Instrument	: GC #6	Injection Number	: 1
Sample Name	: HCIDs G/M 39-144	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 Jul 14 11:11 PM	Analysis Method	: DX.MTH
Report Created on:	14 Jul 14 08:53 AM		



Data File Name	: C:\HPCHEM\6\DATA\07-11-14\097F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 97
Instrument	: GC #6	Injection Number	: 1
Sample Name	: HCIDs Dx 39-46	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 Jul 14 11:25 PM	Analysis Method	: DX.MTH
Report Created on:	14 Jul 14 08:54 AM		

407197

SAMPLE CHAIN OF CUSTODY

ME 07-11-14

1001 / VS1

Send Report To Pete Kingston, cc: Jon Loeffler

Company SOUNDEARTH STRATEGIES, INC

Address _____

City, State, ZIP _____

Phone # (206) 306-1900 Fax # _____

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>TROY LAUNDRY / 0731-004-05</u>	PO #
REMARKS	GEMS Y / N

Page # _____ of _____

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24hr TAT

Rush charges authorized by:
Pete Kingston

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	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	SVOCs by 8260C	SVOCs by 8270	NWTPH-Gx REPT-8 Metals	HCID	
Z17-87	Z17	5'	01A-E	7/11/14	1445	SOIL	5				X		0	X	0-pp PK 7/14/14 MS.
[Large diagonal line across the table]															

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	JONATHAN LOEFFLER	SOUNDEARTH	7/11/14	1535
Received by: <u>[Signature]</u>	D D VO	FEBZ	"	"
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 14, 2014 from the SOU_0731-004-05_20140714, F&BI 407210 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0715R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 14, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731-004-05 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407210 -01	R16-80
407210 -02	R16-75
407210 -03	R16-70
407210 -04	CC12-85
407210 -05	CC12-80
407210 -06	CC12-75
407210 -07	Z17-85
407210 -08	Z17BTM-80
407210 -09	Z17ESW-80
407210 -10	Z17NSW-80
407210 -11	Z17WSW-80
407210 -12	W16-75
407210 -13	W16-70
407210 -14	DUPLICATE03

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/14

Date Received: 07/14/14

Project: SOU_0731-004-05_20140714, F&BI 407210

Date Extracted: 07/14/14

Date Analyzed: 07/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Z17-85 407210-07 1/5	<0.02 j	<0.1	0.13	0.59	110	82
Z17BTM-80 407210-08	<0.02	<0.02	<0.02	<0.06	<2	81
Z17ESW-80 407210-09	<0.02	<0.02	<0.02	<0.06	<2	82
Z17NSW-80 407210-10	<0.02	<0.02	<0.02	<0.06	<2	81
Z17WSW-80 407210-11	<0.02	<0.02	<0.02	<0.06	<2	82
Method Blank 04-1433 MB	<0.02	<0.02	<0.02	<0.06	<2	81

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R16-80	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-01
Date Analyzed:	07/14/14	Data File:	071411.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R16-75	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-02
Date Analyzed:	07/14/14	Data File:	071412.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R16-70	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-03
Date Analyzed:	07/14/14	Data File:	071413.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC12-85	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-04
Date Analyzed:	07/14/14	Data File:	071414.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC12-80	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-05
Date Analyzed:	07/14/14	Data File:	071415.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC12-75	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-06
Date Analyzed:	07/14/14	Data File:	071416.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z17-85	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-07
Date Analyzed:	07/14/14	Data File:	071417.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-75	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-12
Date Analyzed:	07/14/14	Data File:	071418.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	105	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-70	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-13
Date Analyzed:	07/14/14	Data File:	071419.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE03	Client:	SoundEarth Strategies
Date Received:	07/14/14	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	407210-14
Date Analyzed:	07/14/14	Data File:	071420.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140714, F&BI 407210
Date Extracted:	07/14/14	Lab ID:	04-1406 mb
Date Analyzed:	07/14/14	Data File:	071408.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/14

Date Received: 07/14/14

Project: SOU_0731-004-05_20140714, F&BI 407210

**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: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	0.5	76	77	69-120	1
Toluene	mg/kg (ppm)	0.5	84	84	70-117	0
Ethylbenzene	mg/kg (ppm)	0.5	87	86	65-123	1
Xylenes	mg/kg (ppm)	1.5	85	85	66-120	0
Gasoline	mg/kg (ppm)	20	95	90	71-131	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/15/14

Date Received: 07/14/14

Project: SOU_0731-004-05_20140714, F&BI 407210

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407210-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	48	10-91	12
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	64	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	58	11-103	8
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	75	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	70	13-112	8
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	85	80	23-115	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	77	25-120	7
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	78	22-124	7
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	70	27-112	7
Trichloroethene	mg/kg (ppm)	2.5	<0.02	90	86	30-112	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	79	27-110	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	84	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	65-110
Methylene chloride	mg/kg (ppm)	2.5	92	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	87	72-116
Trichloroethene	mg/kg (ppm)	2.5	96	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	94	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

407210

SAMPLE CHAIN OF CUSTODY

ME 07/14/14

222/512

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) ✓ RUSH <u>24 hr. TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
R16-80	R16	6'	01A5	7/14/14	1053	SOIL	4				X	
R16-75	R16	11'	02		1057						X	
R16-70	R16	16'	03		1102						X	
CC12-85	CC12	7'	04		1116						X	
CC12-80	CC12	12'	05		1120						X	
CC12-75	CC12	17'	06		1127						X	
Z17-85	Z17	7'	07A-E		1245		5	X	X		X	
Z17BTM-80	Z17 Bottom of E well	12'	08		1250			X	X			
Z17ESW-80	Z17 East SW	12'	1009		1325			X	X			
Z17NSW-80	Z17 North SW	12'	1110		1330			X	X			
Z17WSW-80	Z17 West SW	12'	1211		1345			X	X			
W16-75	W16	6'	13A5		1505		4				X	
W16-70	W16	11'	13		1510		4				X	
DUPLICATED 3						SOIL	4				X	

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:	JONATHAN LOEFFLER	SOUNDEARTH	7/14/14	1558
Received by:	Pete Kingston	FBR	7/14/14	1558
Relinquished by:				
Received by:				

Samples returned at 5:10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

June 10, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on July 15, 2014 from the SOU_0731-004-05_20140715, F&BI 407222 project. Per your request, the sample IDs has been amended.

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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0716R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 16, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 15, 2014 from the SOU_0731-004-05_20140715, F&BI 407222 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU0716R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140715, F&BI 407222 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407222 -01	N14-80
407222 -02	N14-75
407222 -03	EE24-89
407222 -04	EE24-82
407222 -05	FF23-89
407222 -06	FF23-82
407222 -07	Q11-80
407222 -08	Q11-75

The 8260C surrogate 1,2-dichloroethane-d4 exceeded the acceptance criteria in samples N14-80 and EE24-82. No analytes associated with that surrogate were detected, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N14-80	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-01
Date Analyzed:	07/15/14	Data File:	071526.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	123 vo	90	111
Toluene-d8	106	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N14-75	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-02
Date Analyzed:	07/15/14	Data File:	071527.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE24-89	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-03
Date Analyzed:	07/15/14	Data File:	071528.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE24-82	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-04
Date Analyzed:	07/15/14	Data File:	071529.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	112 vo	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF23-89	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-05
Date Analyzed:	07/15/14	Data File:	071530.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF23-82	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-06
Date Analyzed:	07/15/14	Data File:	071531.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q11-80	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-07
Date Analyzed:	07/15/14	Data File:	071532.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.032

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q11-75	Client:	SoundEarth Strategies
Date Received:	07/15/14	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	407222-08
Date Analyzed:	07/15/14	Data File:	071533.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140715, F&BI 407222
Date Extracted:	07/15/14	Lab ID:	04-1408 mb
Date Analyzed:	07/15/14	Data File:	071525.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	110	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/16/14

Date Received: 07/15/14

Project: SOU_0731-004-05_20140715, F&BI 407222

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407222-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	58	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	72	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	74	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	78	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	85	13-112	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	87	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	89	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	90	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	88	27-112	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	89	30-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	87	88	27-110	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	63	42-107
Chloroethane	mg/kg (ppm)	2.5	67	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	81	65-110
Methylene chloride	mg/kg (ppm)	2.5	85	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	72-116
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	95	77-110

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

407222

SAMPLE CHAIN OF CUSTODY ME 7/15/14

VSI

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr TAT
 Rush charges authorized by:
 Pete Kingston

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

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
N14-80	N14	80'	01	7/15/2014	1032	SOIL	4				X	
N14-75	N14	75'	02		1037						X	
DD23-DD23.5-89	DD23.5	89'	03		1053						X	
DD23-DD23.5-82	DD23.5	82'	04		1058						X	
EE22-EE22.5-89	EE22.5	89'	05		1105						X	
EE22-EE22.5-82	EE22.5	82'	06		1111						X	
Q11-80	Q11	80'	07		1154						X	
Q11-75	Q11	75'	08		1158						X	
changes per JL 7/15/14												

GE24-89
 EC24-82
 PF23-89
 FF23-82
 PK
 6/18/15
 09

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: <i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	7/15/14	1435
Received by: <i>[Signature]</i>	Walt Lyota	FRBC	7/15/14	1435
Relinquished by:				
Received by:				

Samples received at 0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 17, 2014 from the SOU_0731-004-05_20140717, F&BI 407272 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0718R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 17, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140717, F&BI 407272 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407272 -01	O22-86.5
407272 -02	O22-82.5
407272 -03	O22-79.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/18/14

Date Received: 07/17/14

Project: SOU_0731-004-05_20140717, F&BI 407272

Date Extracted: 07/17/14

Date Analyzed: 07/18/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
O22-82.5 407272-02	<2	97
Method Blank 04-1437 MB	<2	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/18/14

Date Received: 07/17/14

Project: SOU_0731-004-05_20140717, F&BI 407272

Date Extracted: 07/17/14

Date Analyzed: 07/17/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
O22-86.5 407272-01	<0.02	<0.02	<0.02	<0.06	4.0	87
Method Blank 04-1437 MB	<0.02	<0.02	<0.02	<0.06	<2	83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/18/14

Date Received: 07/17/14

Project: SOU_0731-004-05_20140717, F&BI 407272

Date Extracted: 07/17/14

Date Analyzed: 07/17/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
O22-86.5 407272-01	<50	<250	87
O22-82.5 407272-02	<50	<250	96
Method Blank 04-1472 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/18/14

Date Received: 07/17/14

Project: SOU_0731-004-05_20140717, F&BI 407272

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	0.5	84	84	69-120	0
Toluene	mg/kg (ppm)	0.5	86	87	70-117	1
Ethylbenzene	mg/kg (ppm)	0.5	88	90	65-123	2
Xylenes	mg/kg (ppm)	1.5	87	89	66-120	2
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/18/14

Date Received: 07/17/14

Project: SOU_0731-004-05_20140717, F&BI 407272

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

Laboratory Code: 407258-03 (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	103	93	63-146	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

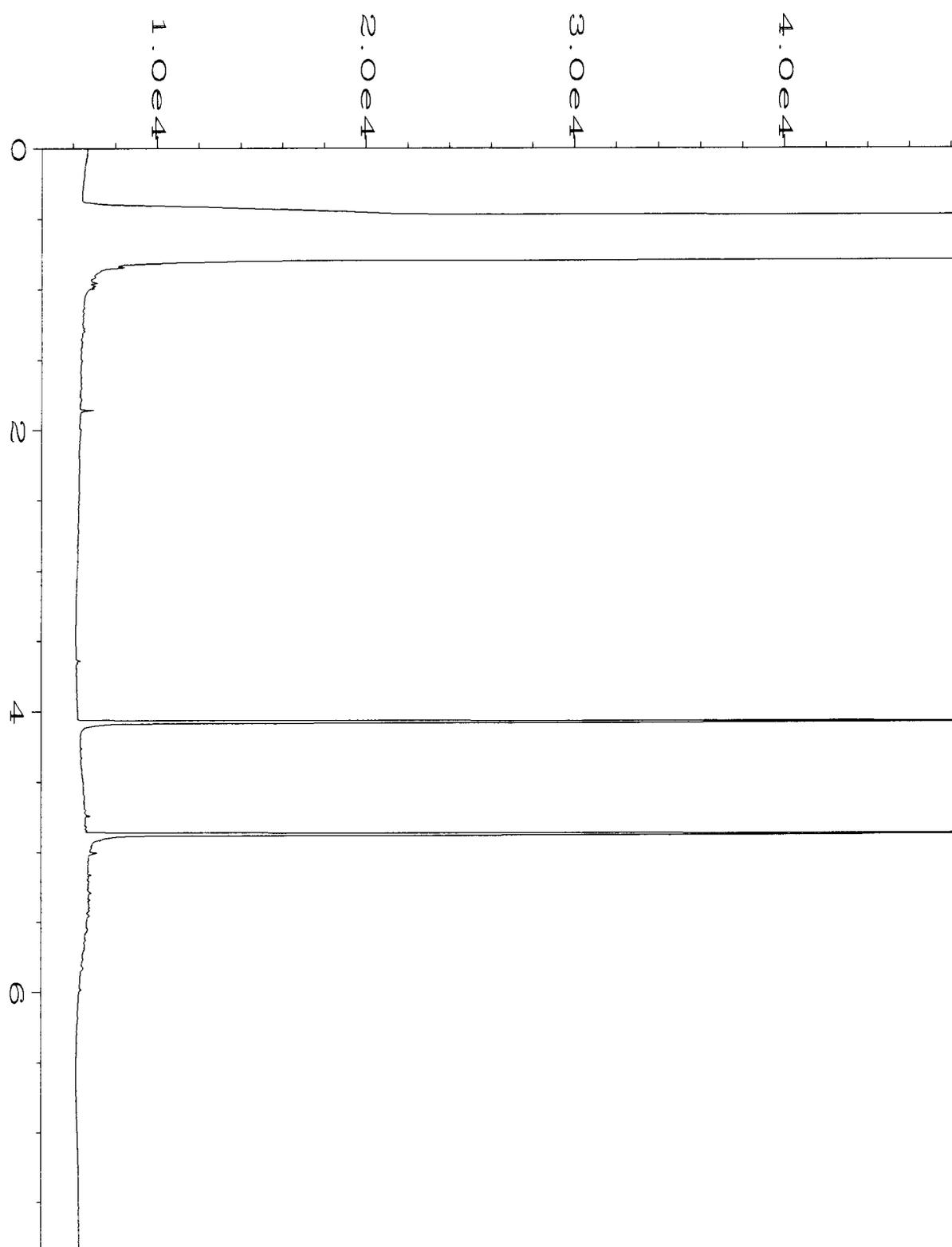
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

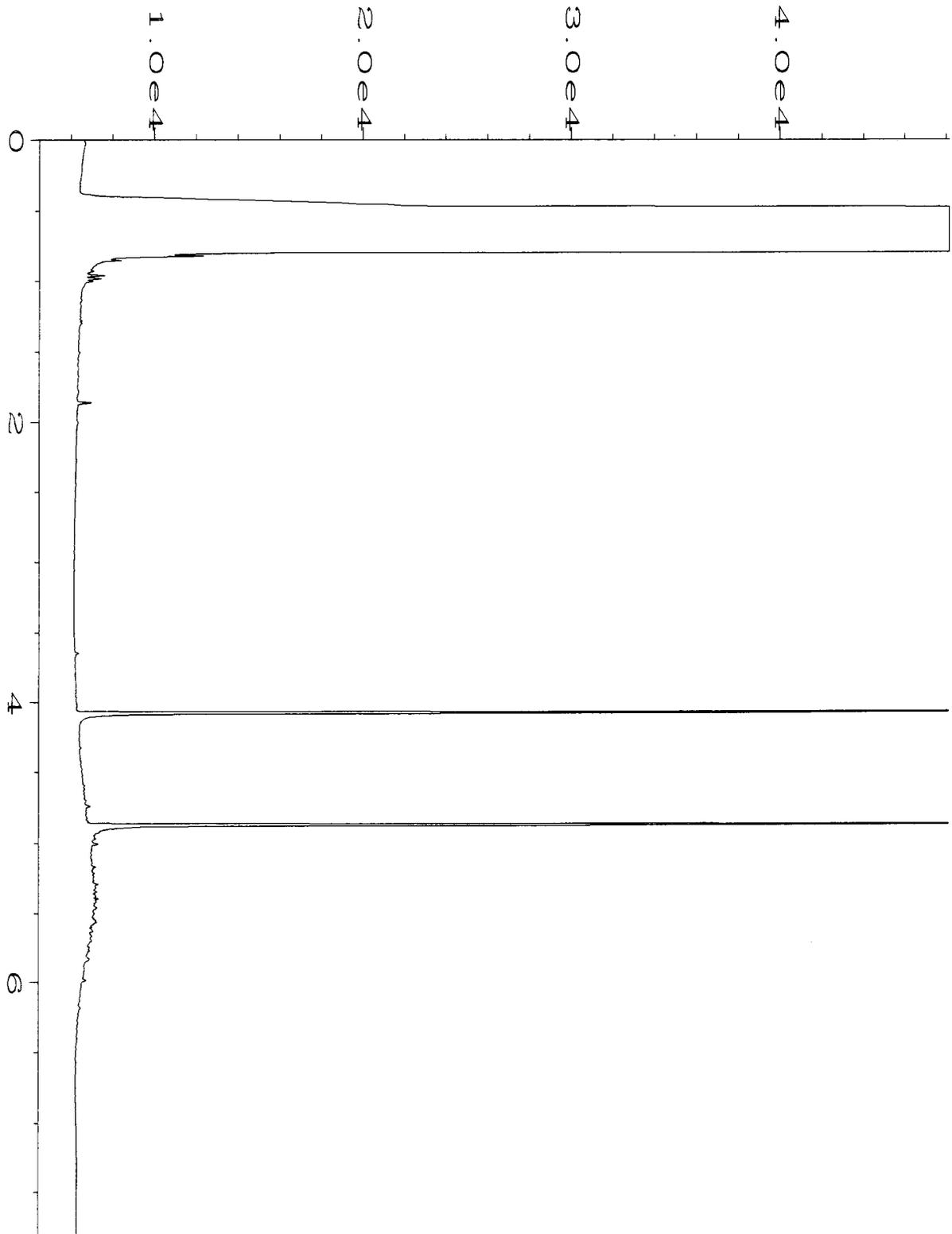
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

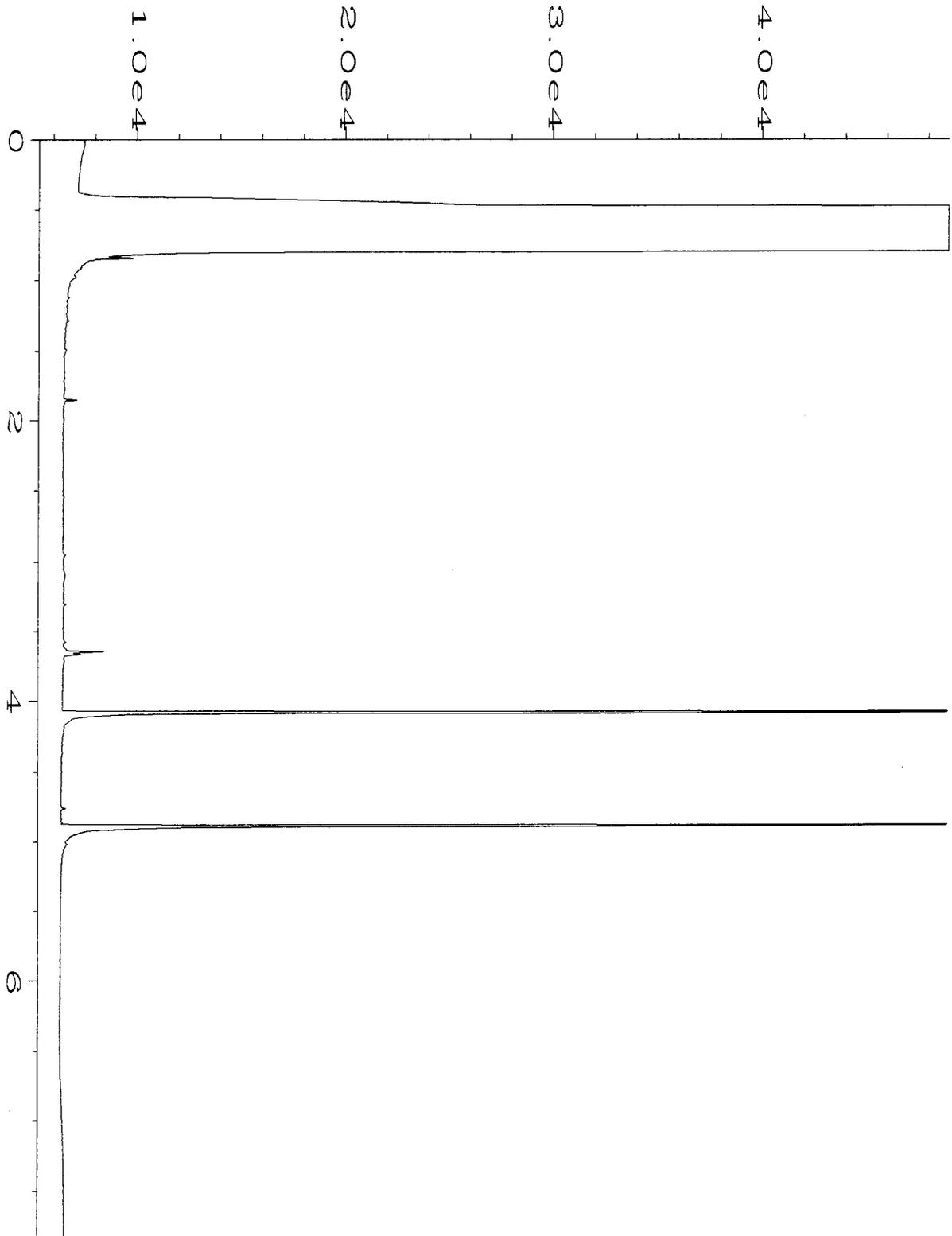
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



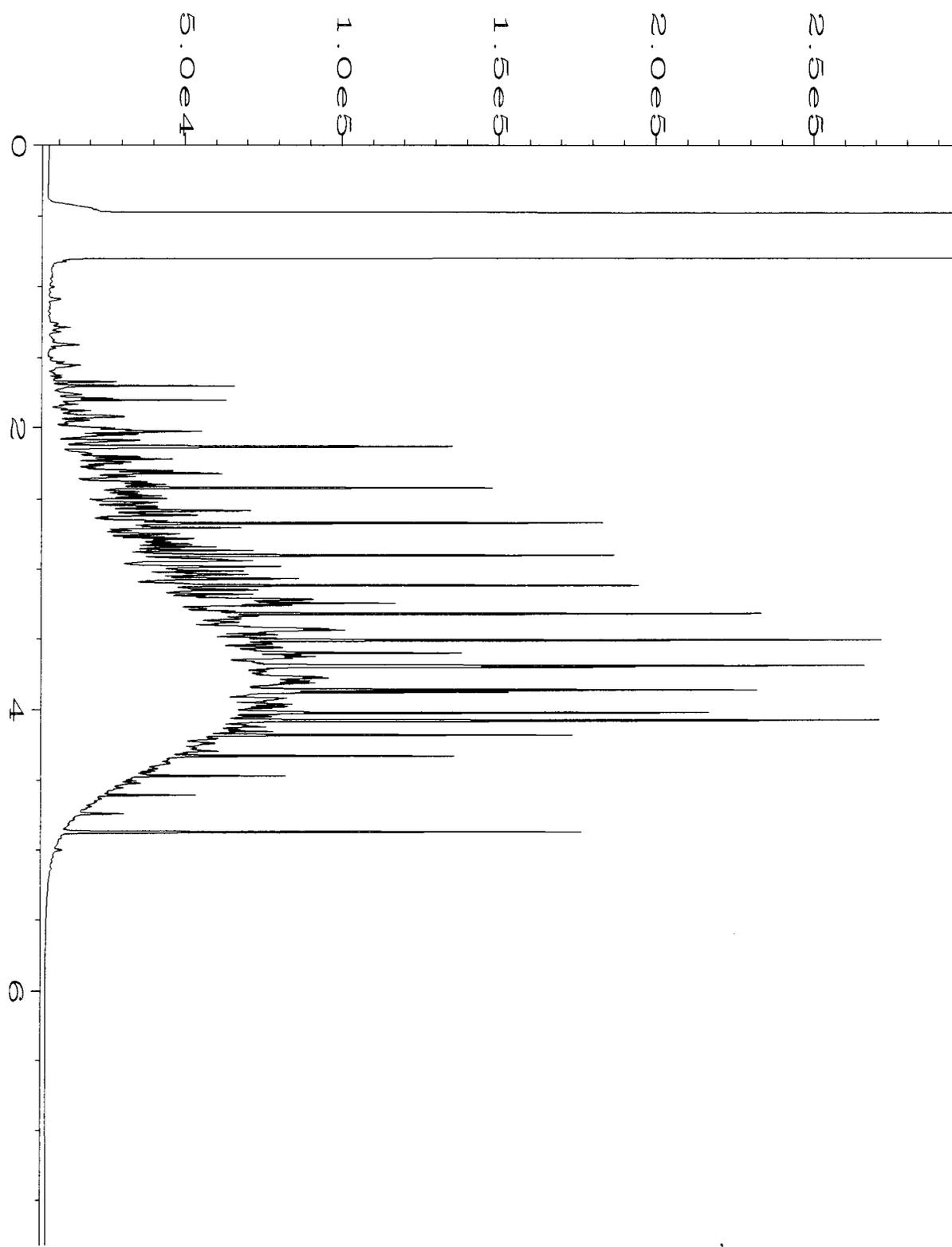
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Operator	: mwdl	Vial Number	: 49
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407272-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 17 Jul 14 08:33 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	18 Jul 14 08:20 AM		



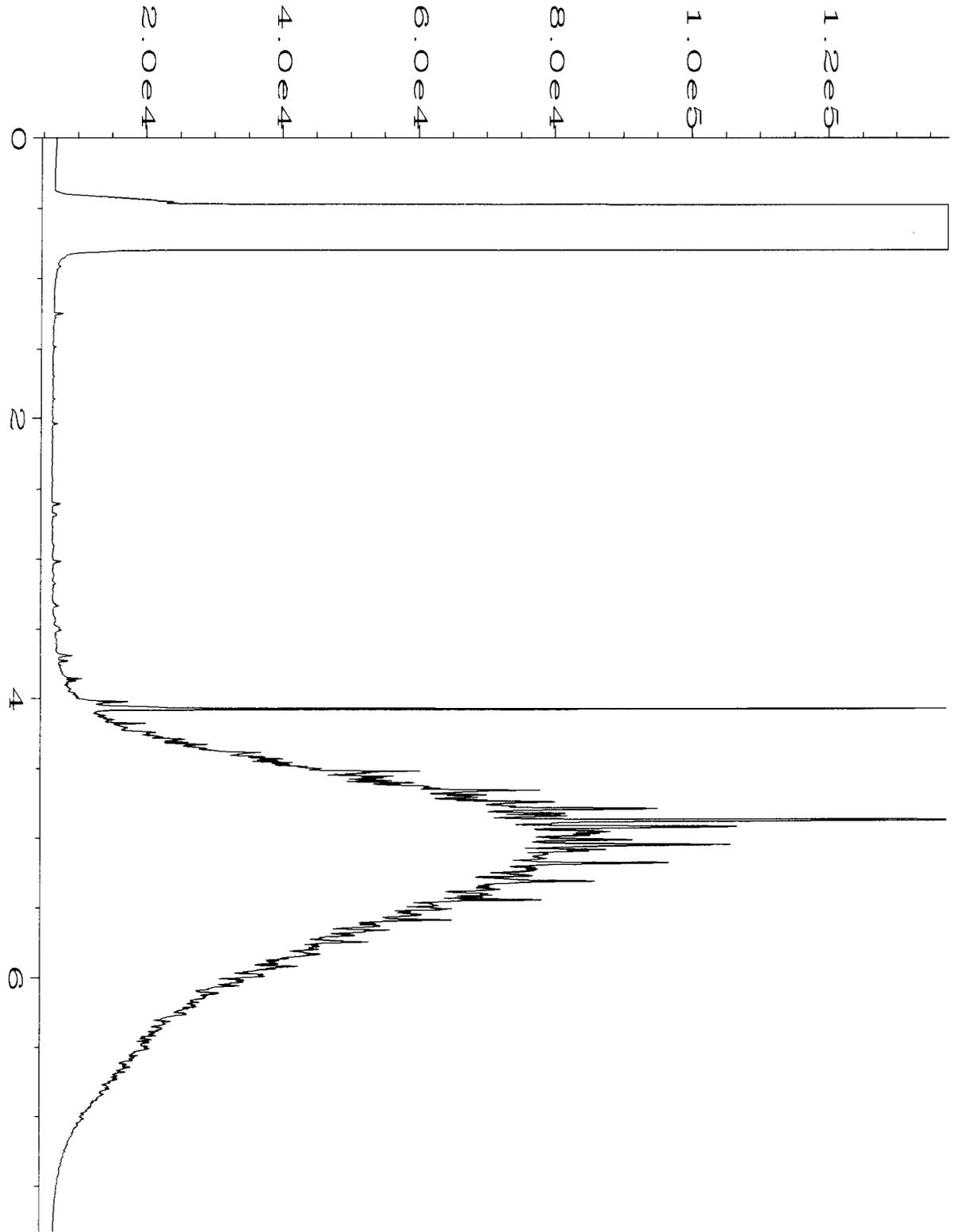
Data File Name	: C:\HPCHEM\1\DATA\07-17-14\050F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 50
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407272-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 17 Jul 14 08:46 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	18 Jul 14 08:21 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-17-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1472 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 17 Jul 14 10:30 AM	Analysis Method	: BAKEOUT.MTH
Report Created on:	18 Jul 14 08:49 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-17-14\005F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-59C	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 17 Jul 14 03:33 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	18 Jul 14 08:18 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-17-14\004F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 17 Jul 14 03:20 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	18 Jul 14 08:17 AM		

407272

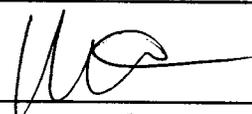
SAMPLE CHAIN OF CUSTODY ME 07-17-14 E02/V01

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <input checked="" type="checkbox"/> = run per CMP on 7/17/14	EIM Y

Page # 1 of 1

TURNAROUND TIME
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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
022-86.5	022		01A-E	7/17/14	1235	Soil	5	X	X	X			
022-82.5	022		02 T	7/17/14	1240	Soil	5	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		X	
022-79.5	022		03	7/17/14	1245	Soil	5					X	
OP 7/17/14													

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: 	Courtney Porter	SoundEarth	7/17/14	1500
Received by: 	D J W	F&B	"	"
Relinquished by:				
Received by:				Samples received at <u>5</u> °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 22, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on July 18, 2014 from the SOU_0731-004-05_20140718, F&BI 407305 project. The sample ID N24-NSW-81 has been amended to N24NSW-81 as it was listed on the chain of custody.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU0721R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 21, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 18, 2014 from the SOU_0731-004-05_20140718, F&BI 407305 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU0721R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140718, F&BI 407305 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407305 -01	N25SSW-81
407305 -02	N25ESW-81
407305 -03	N25NSW-81
407305 -04	N25-80
407305 -05	N25BTM-80
407305 -06	N24BTM-80
407305 -07	N24NSW-81
407305 -08	O24SSW-81
407305 -09	O24WSW-81
407305 -10	O24BTM-80

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/21/14

Date Received: 07/18/14

Project: SOU_0731-004-05_20140718, F&BI 407305

Date Extracted: 07/18/14

Date Analyzed: 07/18/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
N25SSW-81 407305-01	<0.02	0.081	0.077	0.37	37	88
N25ESW-81 407305-02	<0.02	<0.02	<0.02	<0.06	<2	86
N25NSW-81 407305-03	<0.02	<0.02	<0.02	<0.06	<2	87
N25BTM-80 407305-05	<0.02	<0.02	<0.02	<0.06	<2	86
N24BTM-80 407305-06	<0.02	<0.02	0.034	0.16	23	87
N24NSW-81 407305-07	<0.02	<0.02	<0.02	<0.06	<2	83
O24SSW-81 407305-08	<0.02	<0.02	<0.02	<0.06	<2	86
O24WSW-81 407305-09	<0.02	<0.02	<0.02	<0.06	<2	82
O24BTM-80 407305-10	<0.02	<0.02	<0.02	<0.06	<2	87
Method Blank 04-1462 MB	<0.02	<0.02	<0.02	<0.06	<2	83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/21/14
 Date Received: 07/18/14
 Project: SOU_0731-004-05_20140718, F&BI 407305
 Date Extracted: 07/18/14
 Date Analyzed: 07/18/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
N25SSW-81 407305-01	<50	<250	78
N25ESW-81 407305-02	<50	<250	78
N25NSW-81 407305-03	<50	<250	89
N25BTM-80 407305-05	<50	<250	92
N24BTM-80 407305-06	<50	<250	92
N24NSW-81 407305-07	<50	<250	90
O24SSW-81 407305-08	<50	<250	83
O24WSW-81 407305-09	<50	<250	82
O24BTM-80 407305-10	<50	<250	94
Method Blank 04-1489 MB	<50	<250	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/21/14

Date Received: 07/18/14

Project: SOU_0731-004-05_20140718, F&BI 407305

**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: 407208-09 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	91	69-120
Toluene	mg/kg (ppm)	0.5	88	70-117
Ethylbenzene	mg/kg (ppm)	0.5	90	65-123
Xylenes	mg/kg (ppm)	1.5	88	66-120
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/21/14

Date Received: 07/18/14

Project: SOU_0731-004-05_20140718, F&BI 407305

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

Laboratory Code: 407294-22 (Matrix Spike)

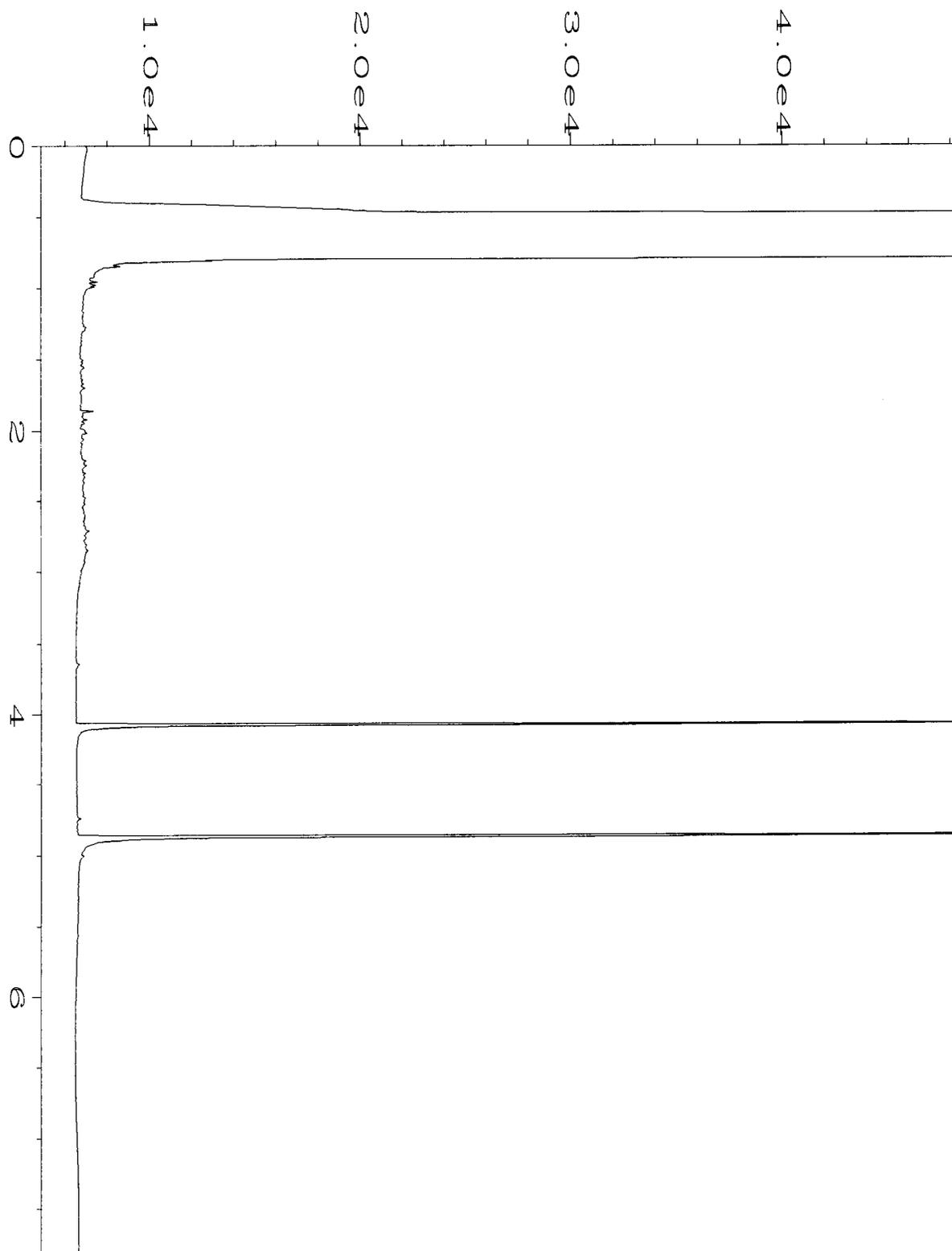
Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	103	105	63-146	2

Laboratory Code: Laboratory Control Sample

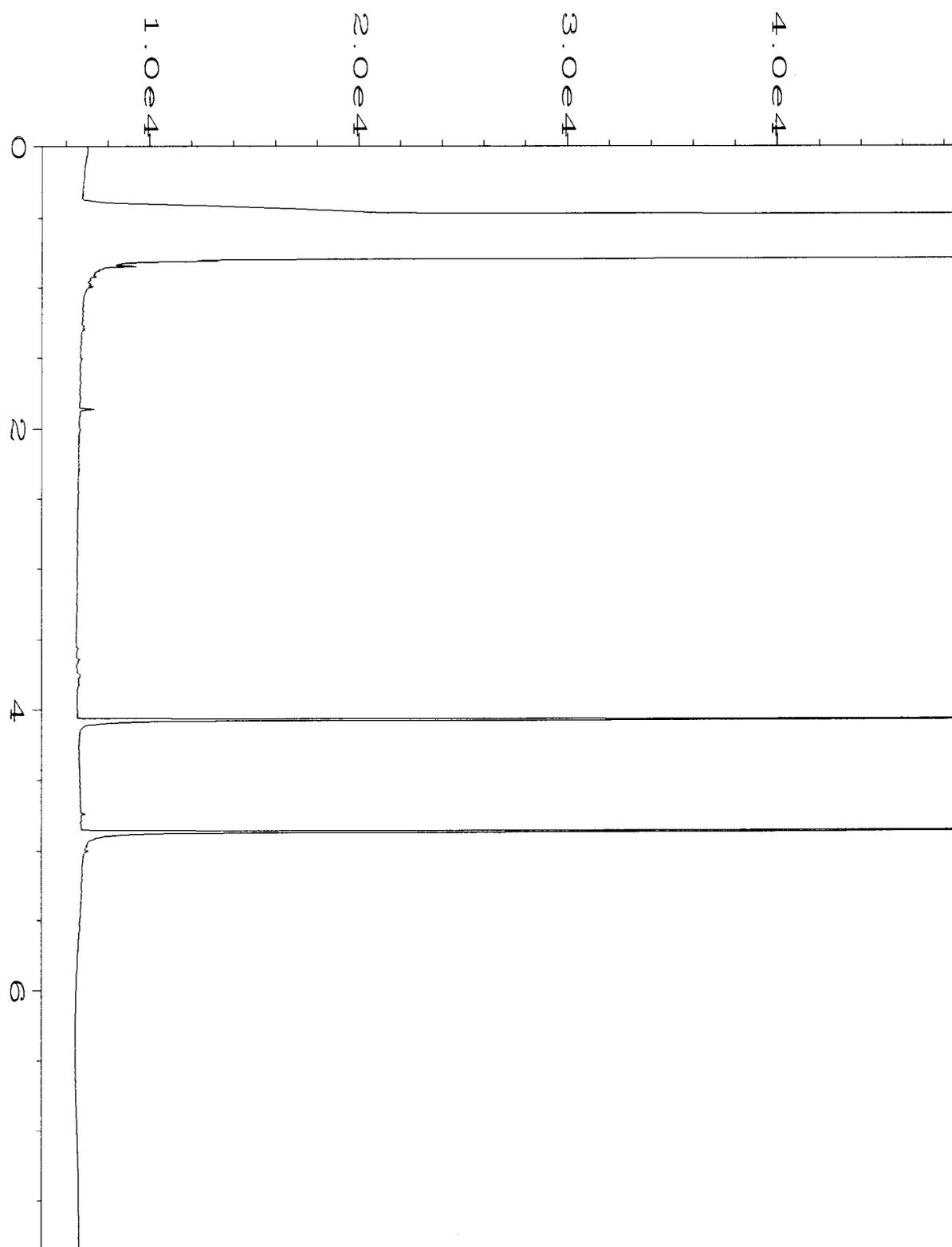
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	79-144

Data Qualifiers & Definitions

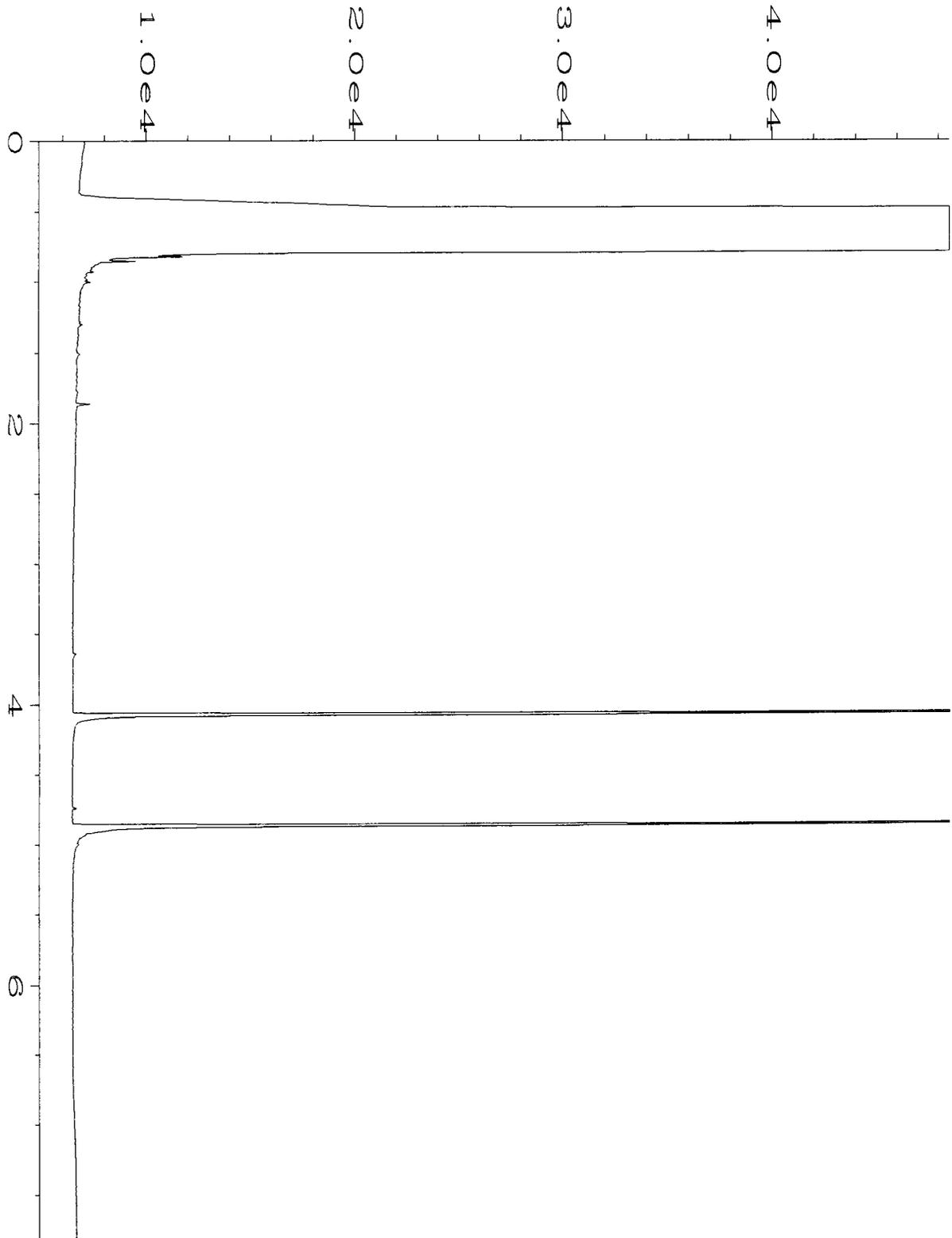
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



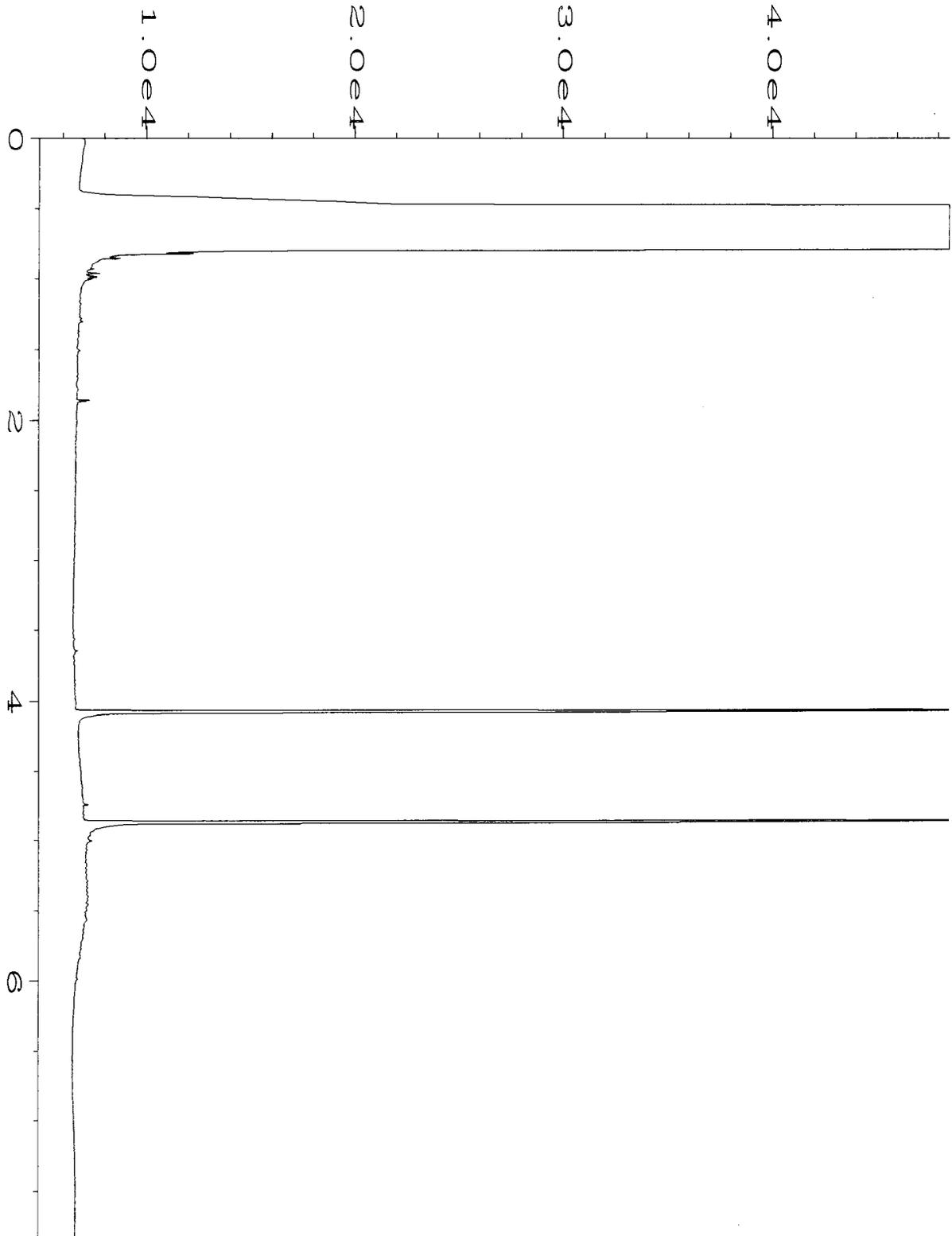
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Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 08:29 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



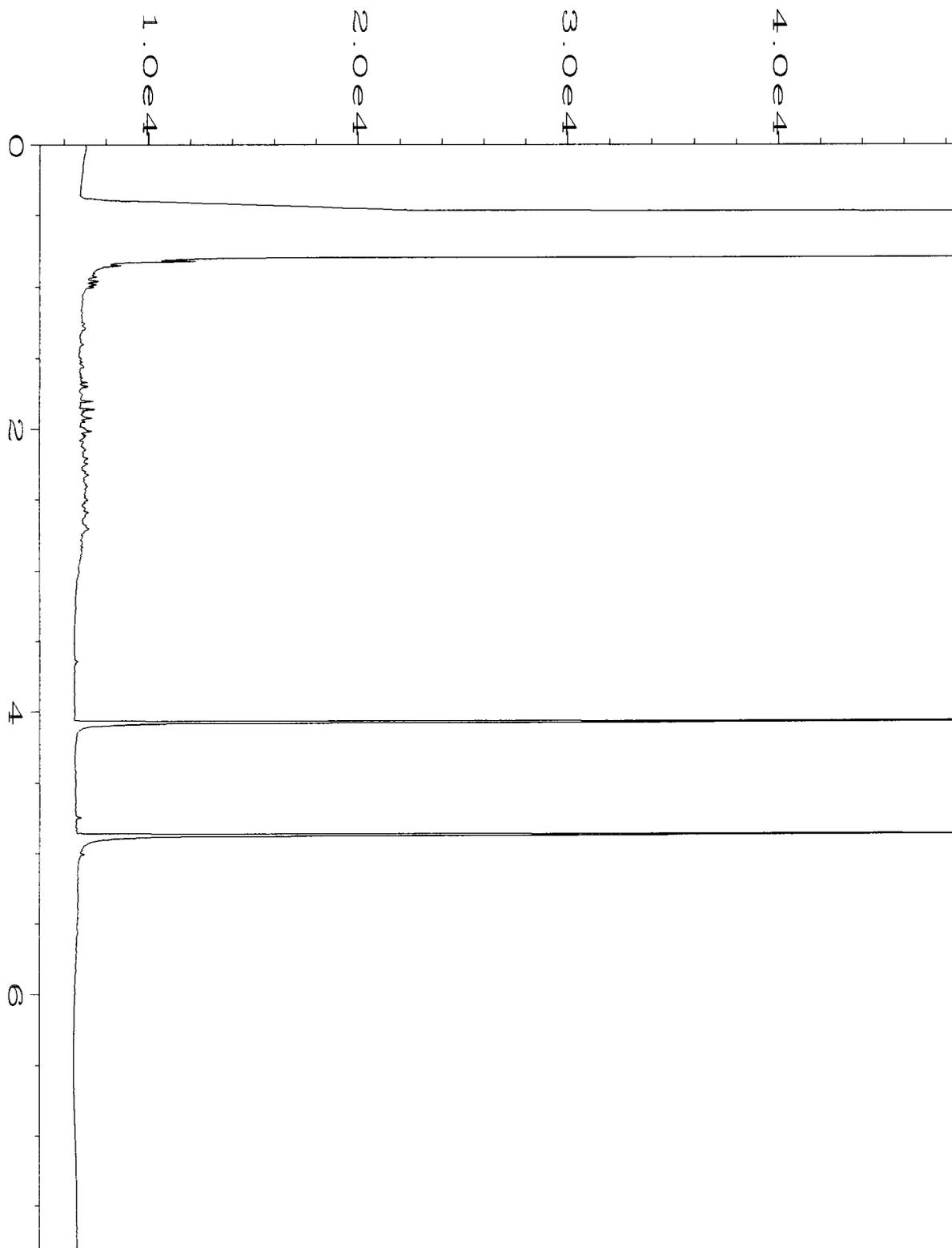
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Operator	: sp	Vial Number	: 57
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 08:42 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



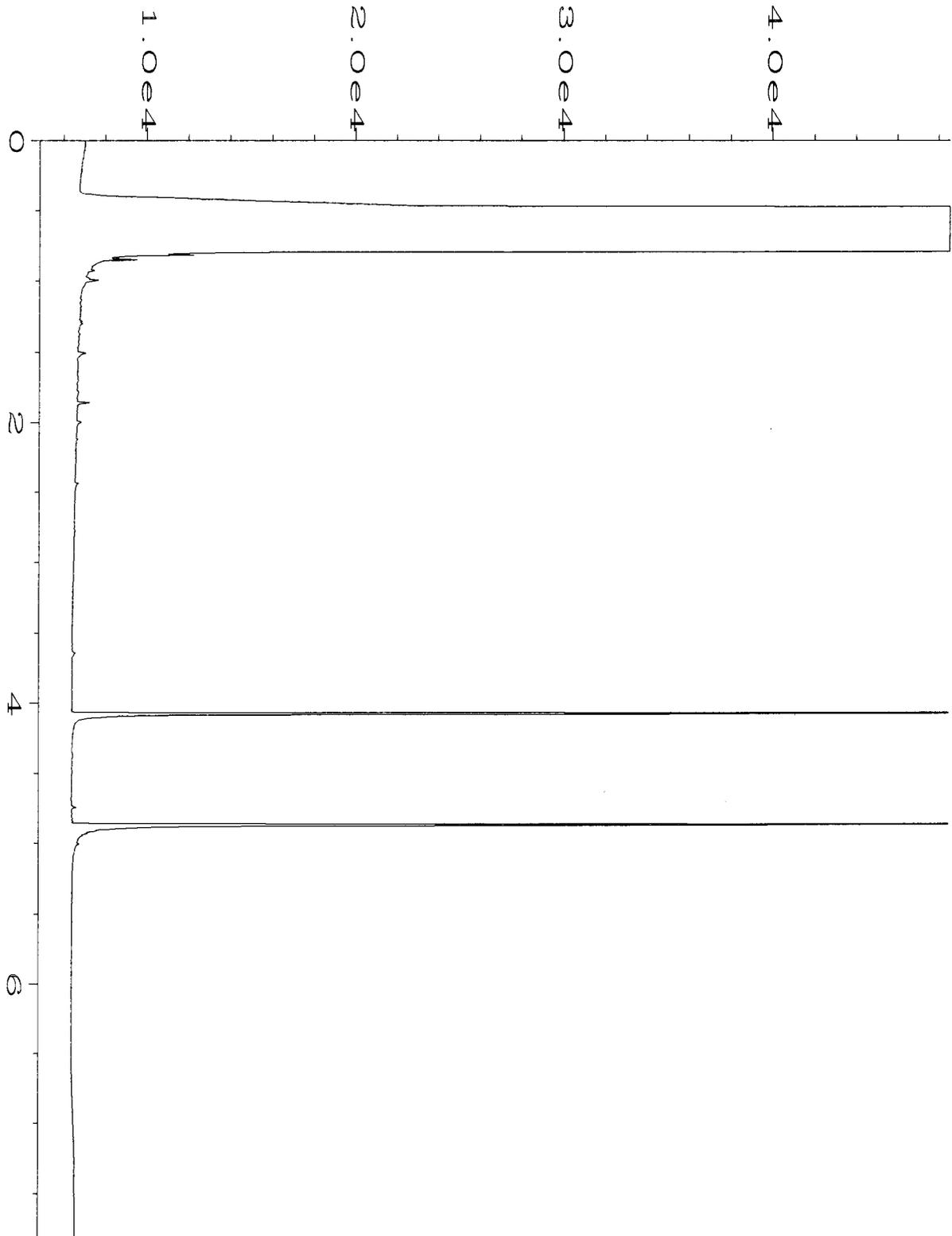
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Operator	: sp	Vial Number	: 58
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 08:55 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



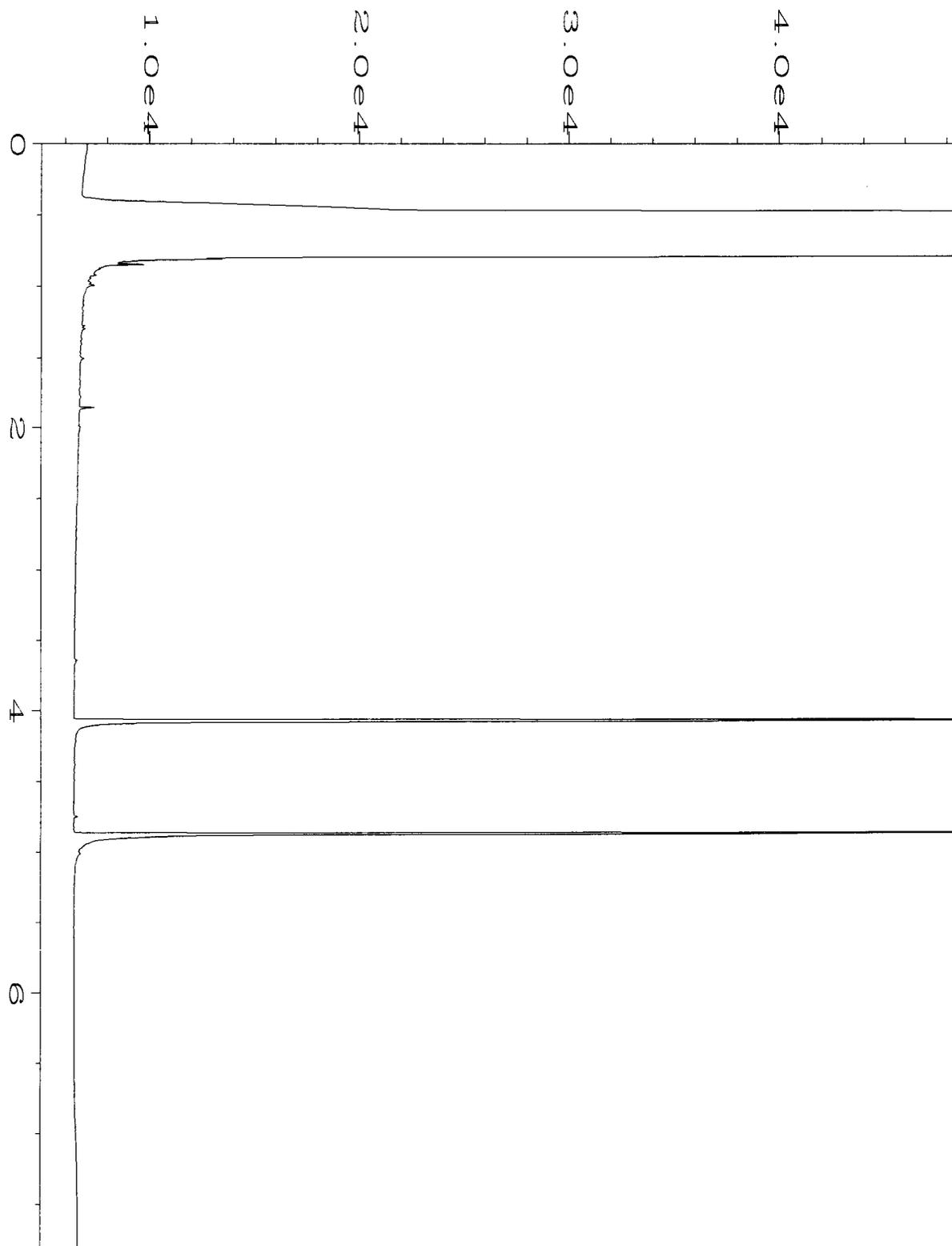
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Operator	: sp	Vial Number	: 60
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-05	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 09:21 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



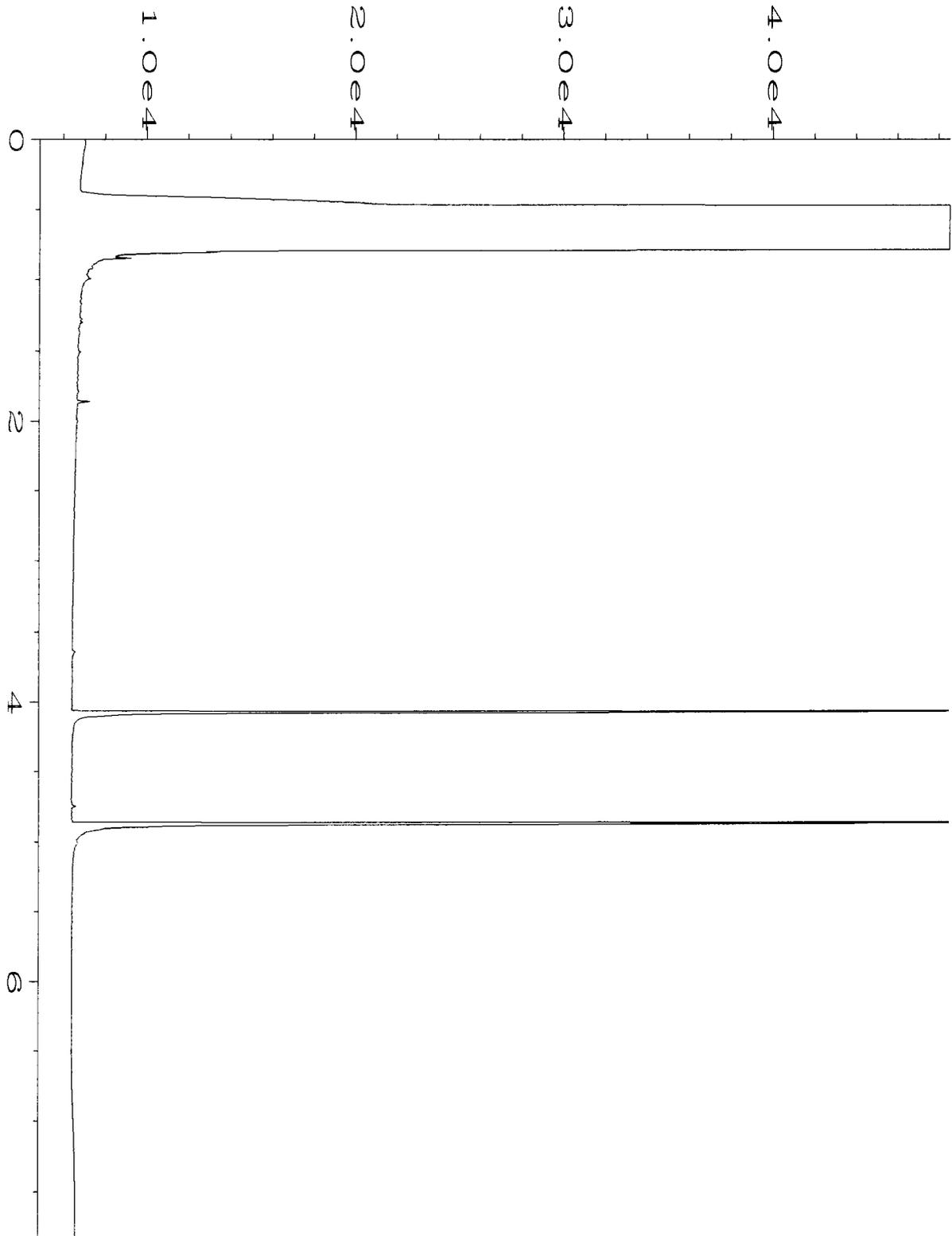
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Operator	: sp	Vial Number	: 61
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-06	Sequence Line	: 7
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 18 Jul 14 09:34 PM	Analysis Method	: DX.MTH
Report Created on:	: 21 Jul 14 08:25 AM		



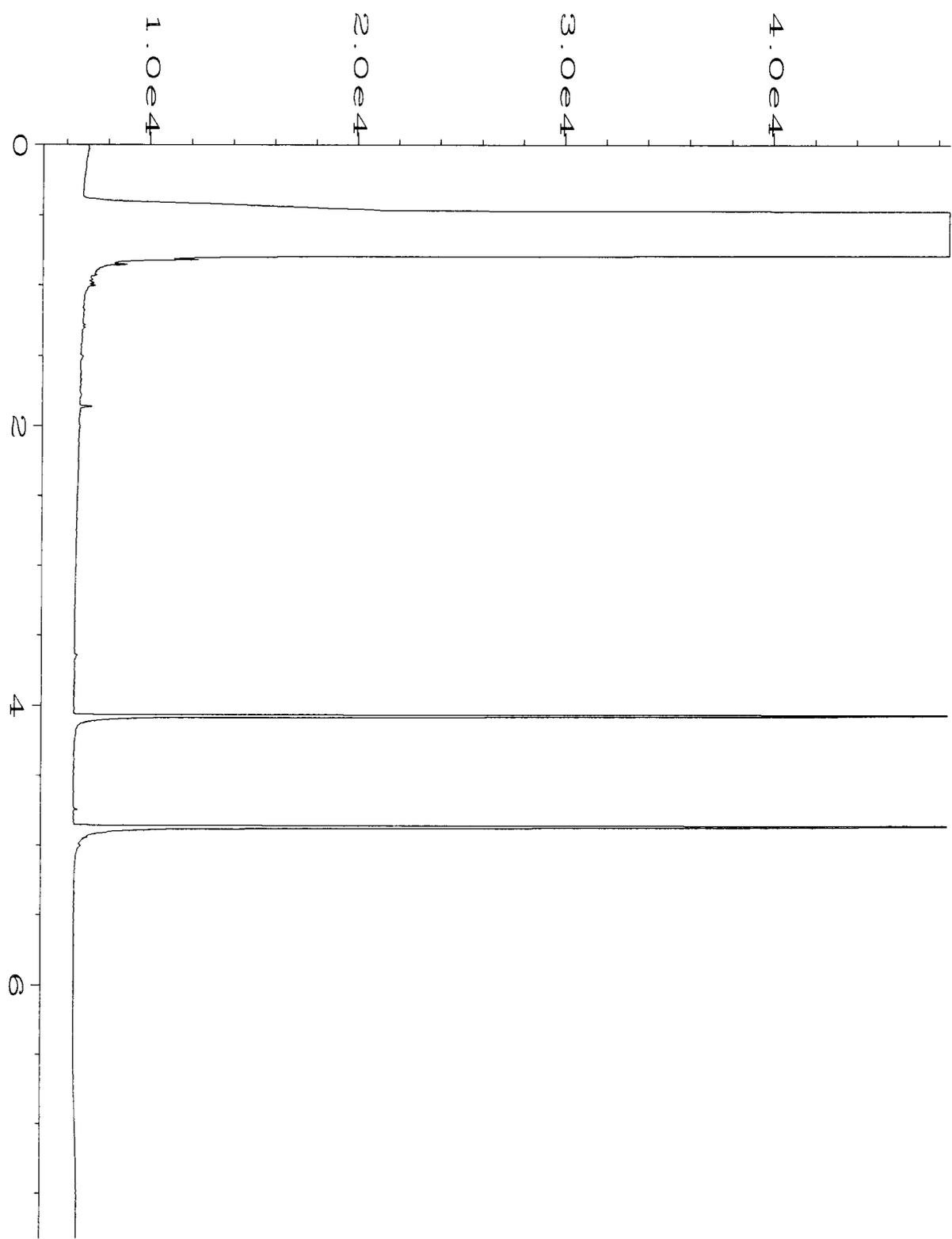
Data File Name	: C:\HPCHEM\1\DATA\07-18-14\062F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 62
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-07	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 09:48 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



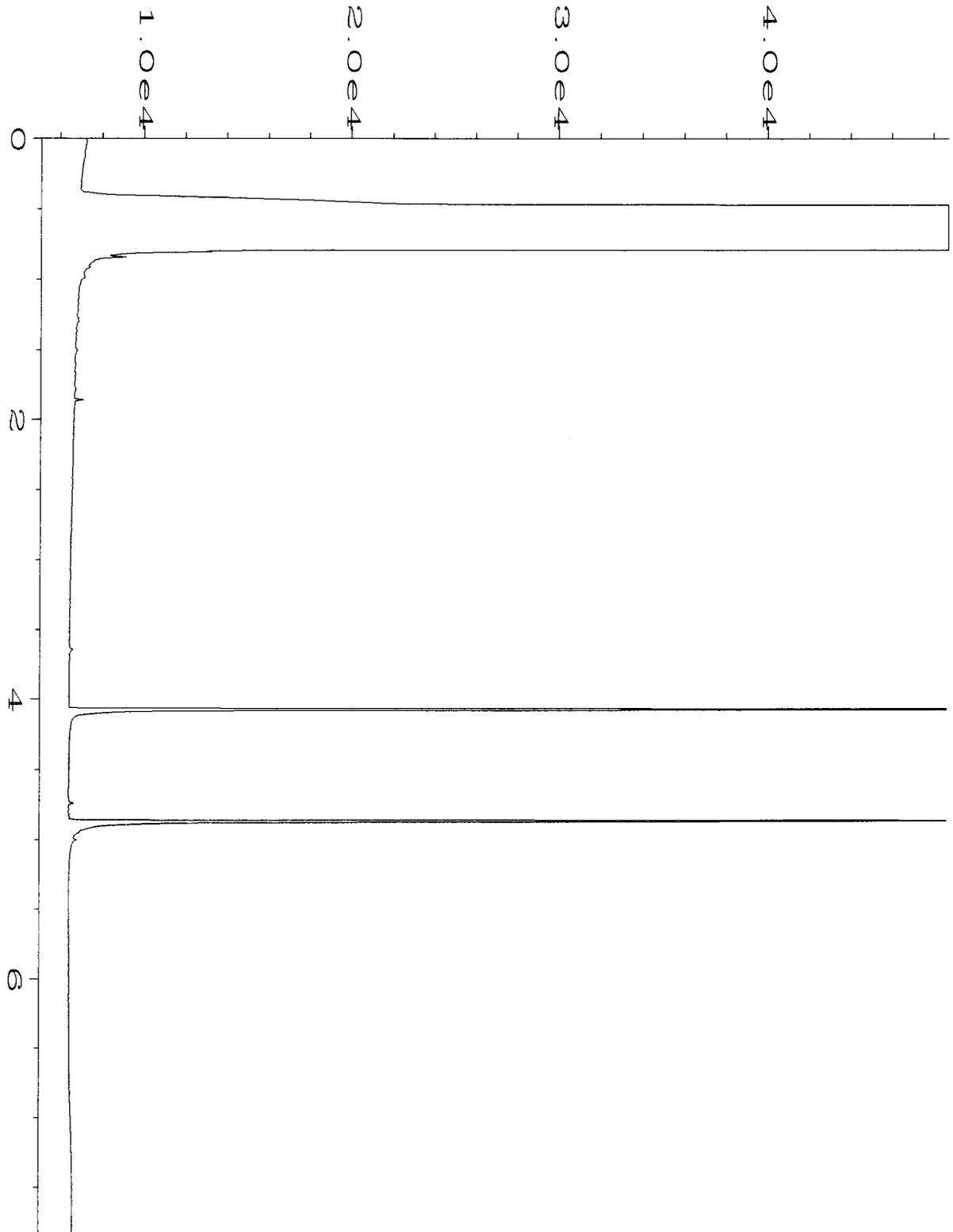
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Operator	: sp	Vial Number	: 63
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-08	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 10:01 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



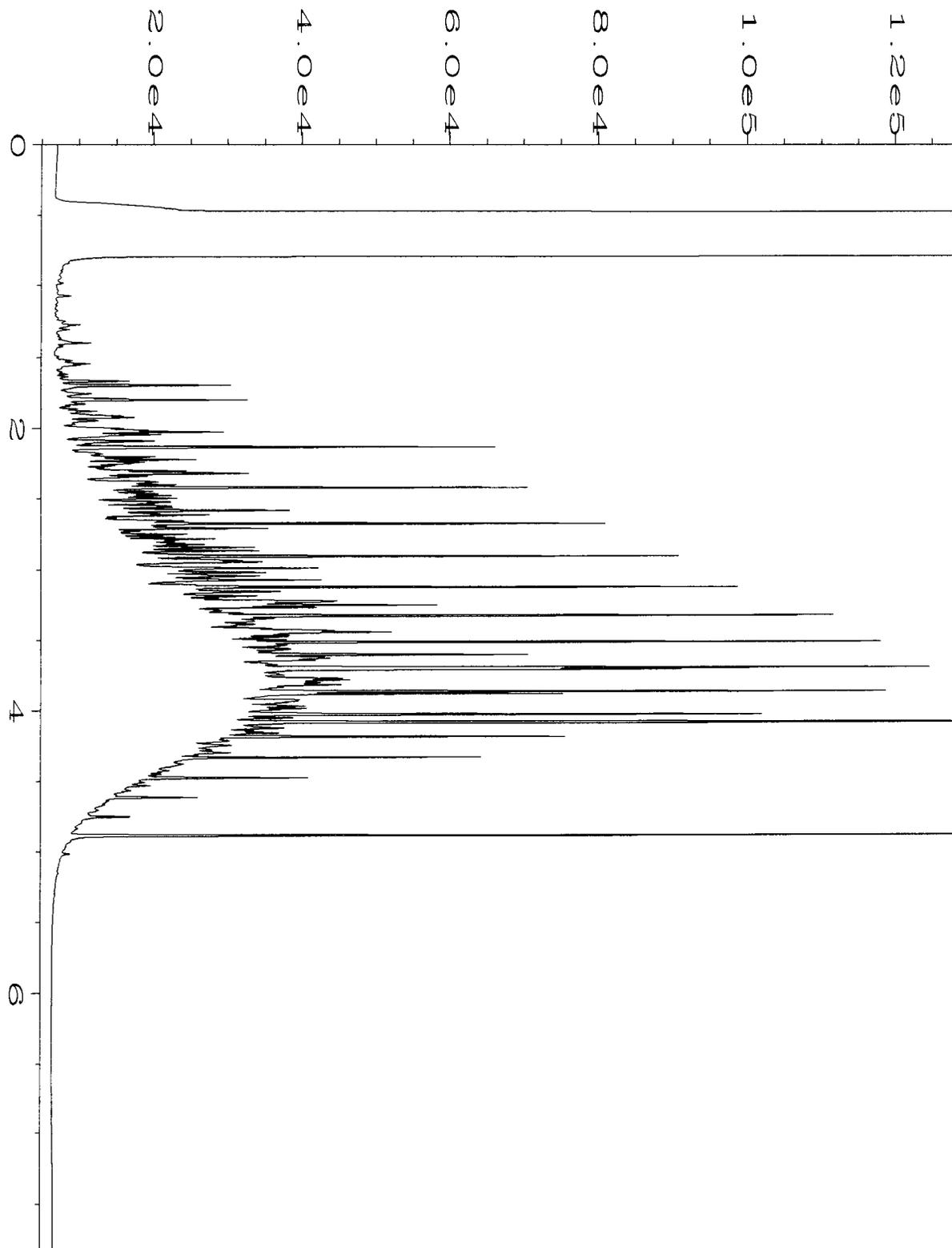
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Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-09	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 10:14 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:25 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-18-14\065F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 65
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407305-10	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 10:27 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:26 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-18-14\051F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 51
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1489 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 07:23 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:26 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-18-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Jul 14 08:25 AM	Analysis Method	: DX.MTH
Report Created on:	21 Jul 14 08:26 AM		

407305

SAMPLE CHAIN OF CUSTODY

ME 07-18-14

US4
US4/EO3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ■ = HOLD	EIM Y

Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
~~CRUSH~~ 24hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	Notes
N25SSW-81	N25 SSW	81'	01A5	7/18/14	1258	SOIL	5	X	X	X		
N25ESW-81	N25 ESW	81'	02		1259		5	X	X	X		
N25NSW-81	N25 NSW	81'	03		1300		5	X	X	X		
N25-80	N25	80'	04		1303		5	■	■	■		HOLD
N25 BTM-80	N25 BTM	80'	05		1305		5	X	X	X		
N24 BTM-80	N24 BTM	80'	06		1308		5	X	X	X		
N24 NSW-81	N24 NSW	81'	07		1310		5	X	X	X		
024SSW-81	024 SSW	81'	08		1316		5	X	X	X		
023WSW-81	023 WSW	81'	09		1317		5	X	X	X		
024 BTM-80	024 BTM	80'	10		1318		5	X	X	X		
7/18/14												

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:	JONATHAN LOEFFLER	SOUNDEARTH	7/18/14	1519
Received by:	V. N. H.	FBI	7/18/14	1519
Relinquished by:				
Received by:				
Samples received at			4	°C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

July 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 22, 2014 from the SOU_0731-004-05_20140722, F&BI 407345 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0723R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 22, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140722, F&BI 407345 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407345 -01	DD3-85
407345 -02	DD3-80
407345 -03	DD3-75
407345 -04	CC5-85
407345 -05	CC5-80
407345 -06	CC5-75

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD3-85	Client:	SoundEarth Strategies
Date Received:	07/22/14	Project:	SOU_0731-004-05_20140722, F&BI 407345
Date Extracted:	07/22/14	Lab ID:	407345-01
Date Analyzed:	07/22/14	Data File:	072215.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD3-80	Client:	SoundEarth Strategies
Date Received:	07/22/14	Project:	SOU_0731-004-05_20140722, F&BI 407345
Date Extracted:	07/22/14	Lab ID:	407345-02
Date Analyzed:	07/22/14	Data File:	072216.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC5-85	Client:	SoundEarth Strategies
Date Received:	07/22/14	Project:	SOU_0731-004-05_20140722, F&BI 407345
Date Extracted:	07/22/14	Lab ID:	407345-04
Date Analyzed:	07/22/14	Data File:	072217.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC5-80	Client:	SoundEarth Strategies
Date Received:	07/22/14	Project:	SOU_0731-004-05_20140722, F&BI 407345
Date Extracted:	07/22/14	Lab ID:	407345-05
Date Analyzed:	07/22/14	Data File:	072218.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140722, F&BI 407345
Date Extracted:	07/22/14	Lab ID:	04-1507 mb
Date Analyzed:	07/22/14	Data File:	072214.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/23/14

Date Received: 07/22/14

Project: SOU_0731-004-05_20140722, F&BI 407345

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407345-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	56	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	76	76	10-101	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	73	11-103	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	80	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	82	13-112	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	85	86	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	88	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	86	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	87	27-112	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	86	30-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	84	27-110	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	42-107
Chloroethane	mg/kg (ppm)	2.5	94	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	65-110
Methylene chloride	mg/kg (ppm)	2.5	88	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Trichloroethene	mg/kg (ppm)	2.5	94	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

407345

SAMPLE CHAIN OF CUSTODY

ME 07-22-14

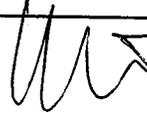
A01 / VS1
Page # 1 of 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

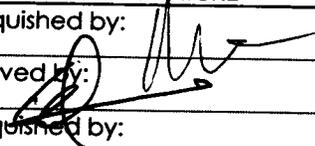
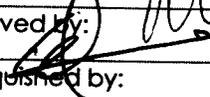
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24 hrs. Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	eVOCs by EPA 8260C	HOLD	Notes
DD3-85	DD3	85	01A-E	7/22/14	1300	soil	5				X		
DD3-80	DD3	80	02T	I	1305	soil	5				X		
DD3-75	DD3	75	03		1310	soil	5					X	
CC5-85	CC5	85	04		1325	soil	5				X		
CC5-80	CC5	80	05		1330	soil	5				X		
CC5-75	CC5	75	06		1335	soil	5					X	
<i>OP 7/22/14</i>													

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: 	Courtney Porter	SoundEarth	7/23/14	1430
Received by: 	Eric Joun	TEB	7/22/14	1430
Relinquished by:				
Received by:		Samples received at	4	0

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

July 31, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 30, 2014 from the SOU_0731-004-05_20140730, F&BI 407479 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0731R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 30, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140730, F&BI 407479 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407479-01	O5-70
407479-02	O5-65
407479-03	O5-60
407479-04	L5-70
407479-05	L5-65
407479-06	L5-60

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O5-70	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-01
Date Analyzed:	07/30/14	Data File:	073009.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O5-65	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-02
Date Analyzed:	07/30/14	Data File:	073010.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O5-60	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-03
Date Analyzed:	07/30/14	Data File:	073011.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	109	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L5-70	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-04
Date Analyzed:	07/30/14	Data File:	073012.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L5-65	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-05
Date Analyzed:	07/30/14	Data File:	073013.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L5-60	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	407479-06
Date Analyzed:	07/30/14	Data File:	073014.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140730, F&BI 407479
Date Extracted:	07/30/14	Lab ID:	04-1517 mb
Date Analyzed:	07/30/14	Data File:	073007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/31/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407479

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407479-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	48	58	10-138	19
Chloroethane	mg/kg (ppm)	2.5	<0.5	84	74	10-176	13
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	79	10-160	16
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	95	10-156	12
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	91	14-137	9
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	91	19-140	10
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	88	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	90	12-160	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	87	10-156	8
Trichloroethene	mg/kg (ppm)	2.5	<0.02	91	98	21-139	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	86	90	20-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	61	22-139
Chloroethane	mg/kg (ppm)	2.5	68	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	62-131
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

407479

SAMPLE CHAIN OF CUSTODY

ME

7/30/14

V52

Send Report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24 hr. TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
05-70	05	70'	01A-D	7/30/14	1330	SOIL	4				X		
05-65	05	65'	02	↓	1335	↓	4				X		
05-60	05	60'	03	↓	1340	↓	4				X		
L5-70	L5	70'	04	↓	1345	↓	4				X		
L5-65	L5	65'	05	↓	1350	↓	4				X		
L5-60	L5	60'	06	↓	1355	↓	4				X		
													7/30/14

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:	JONATHAN LOEFFLER	SOUNDEARTH	7/30/14	1440
Received by:	Pete Kingston	EB&B	7/30/14	1940
Relinquished by:				
Received by:		Samples received at	4	°C

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

August 6, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on July 30, 2014 from the SOU_0731-004-05_20140730, F&BI 407480 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0806R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on July 30, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140730, F&BI 407480 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
407480 -01	A21NSW-70
407480 -02	Duplicate04

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407480

Date Extracted: 07/31/14

Date Analyzed: 07/31/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
A21NSW-70 407480-01	<2	91
Duplicate04 407480-02	<2	91
Method Blank 04-1535 MB	<2	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407480

Date Extracted: 07/31/14

Date Analyzed: 07/31/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
A21NSW-70 407480-01	<50	<250	85
Duplicate04 407480-02	<50	<250	86
Method Blank 04-1579 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A21NSW-70	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407480
Date Extracted:	07/30/14	Lab ID:	407480-01
Date Analyzed:	07/30/14	Data File:	073015.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate04	Client:	SoundEarth Strategies
Date Received:	07/30/14	Project:	SOU_0731-004-05_20140730, F&BI 407480
Date Extracted:	07/30/14	Lab ID:	407480-02
Date Analyzed:	07/30/14	Data File:	073016.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140730, F&BI 407480
Date Extracted:	07/30/14	Lab ID:	04-1517 mb
Date Analyzed:	07/30/14	Data File:	073007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407480

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 407454-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407480

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

Laboratory Code: 407480-01 (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	92	98	63-146	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 07/30/14

Project: SOU_0731-004-05_20140730, F&BI 407480

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 407479-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	48	58	10-138	19
Chloroethane	mg/kg (ppm)	2.5	<0.5	84	74	10-176	13
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	79	10-160	16
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	95	10-156	12
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	91	14-137	9
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	91	19-140	10
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	88	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	90	12-160	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	87	10-156	8
Benzene	mg/kg (ppm)	2.5	<0.03	84	87	29-129	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	91	98	21-139	7
Toluene	mg/kg (ppm)	2.5	<0.05	82	86	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	86	90	20-133	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	83	87	32-137	5
m,p-Xylene	mg/kg (ppm)	5	<0.1	84	89	34-136	6
o-Xylene	mg/kg (ppm)	2.5	<0.05	86	90	33-134	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	61	22-139
Chloroethane	mg/kg (ppm)	2.5	68	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Toluene	mg/kg (ppm)	2.5	93	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	93	64-123
m,p-Xylene	mg/kg (ppm)	5	94	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

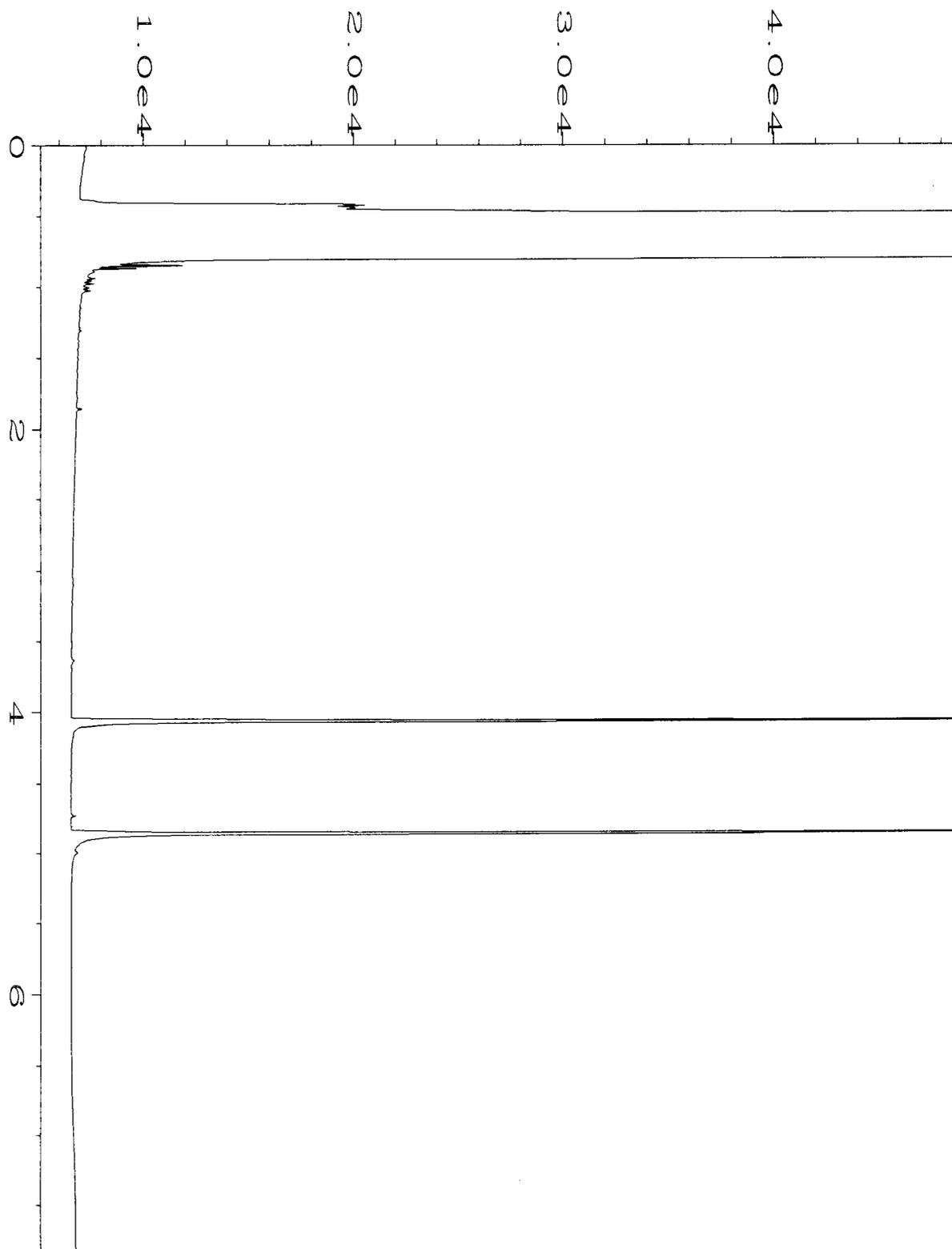
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

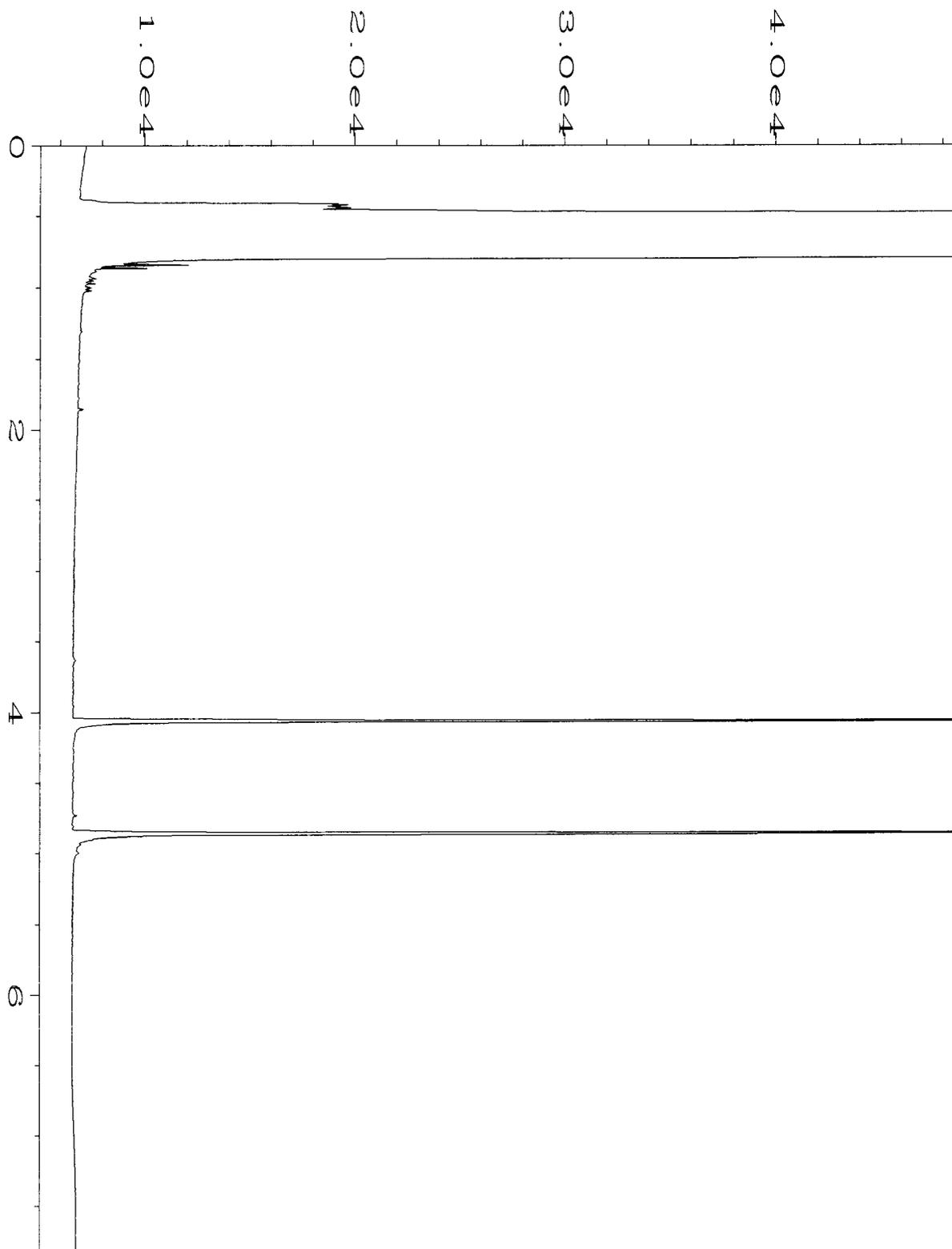
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

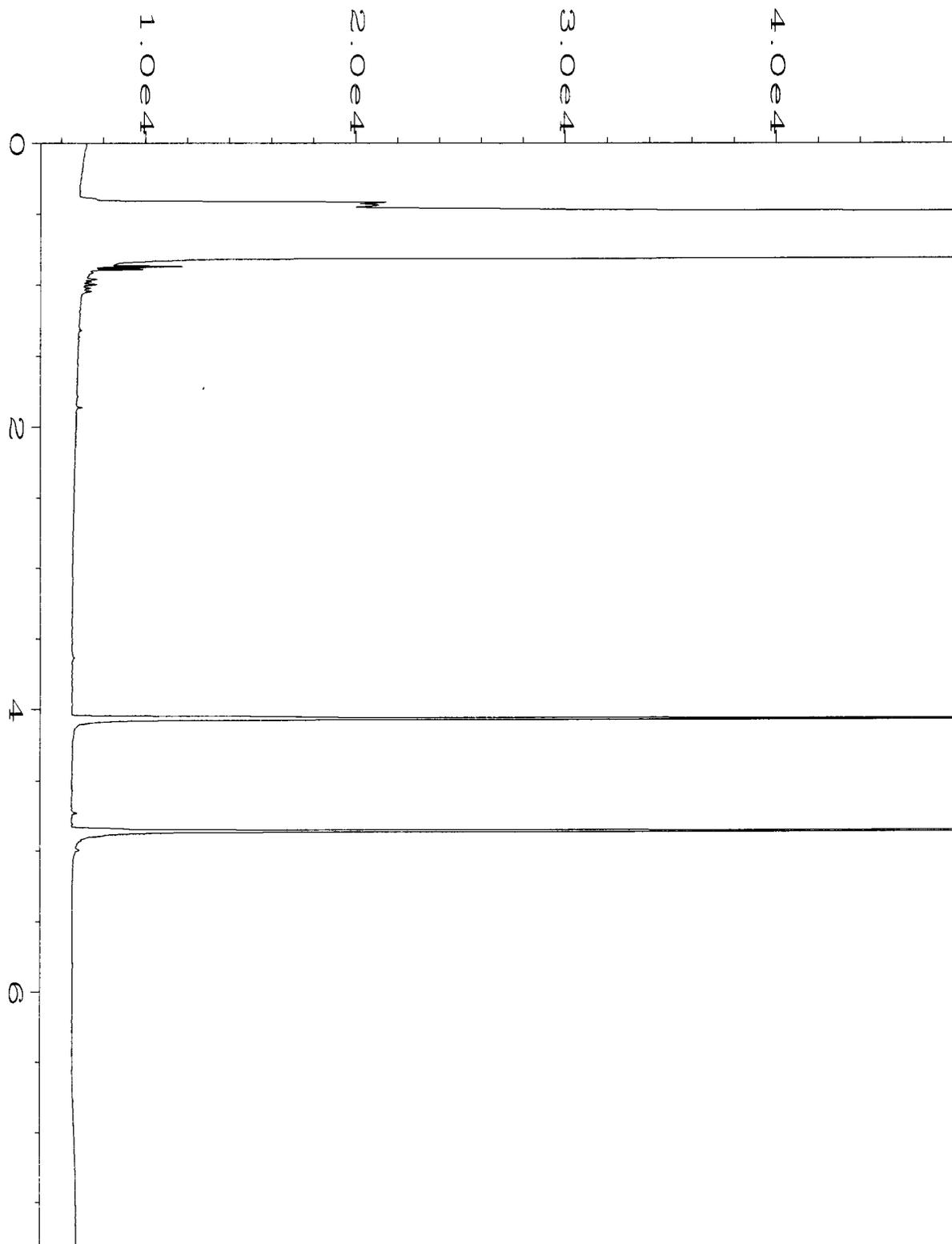
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



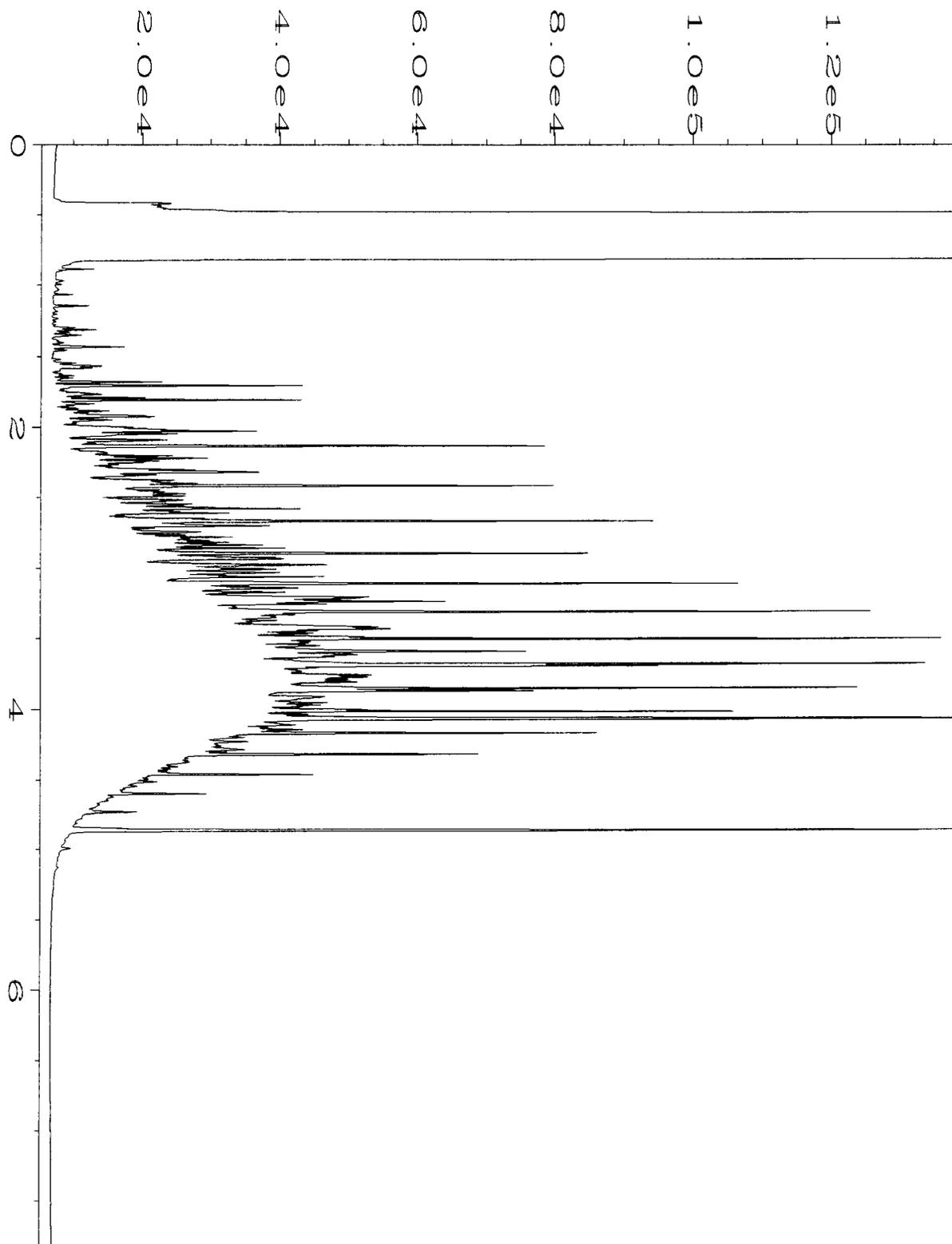
Data File Name	: C:\HPCHEM\1\DATA\07-31-14\033F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 33
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407480-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 31 Jul 14 04:25 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	01 Aug 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-31-14\034F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC1	Injection Number	: 1
Sample Name	: 407480-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 31 Jul 14 04:38 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	01 Aug 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-31-14\029F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1579 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 31 Jul 14 03:21 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	01 Aug 14 09:05 AM		



Data File Name	: C:\HPCHEM\1\DATA\07-31-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 31 Jul 14 09:14 AM	Analysis Method	: BAKEOUT.MTH
Report Created on:	01 Aug 14 09:05 AM		

407480

SAMPLE CHAIN OF CUSTODY

ME 7/30/14 VSZ

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)

Jonathan Loeffler

Page # 1 of 1

PROJECT NAME/NO.

Troy Laundry Property

PO #

0731-004-05

REMARKS

EIM Y

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
AZINSW-7570 <i>per 3L 7/31/14 B/MH</i>																			
AZINSW-10	AZINSW	10'	01A-0	7/29/14	1400	SOIL	4	X	X	X	X								
DUPLICATE 04	—	—	02+	—	—	SOIL	4	X	X	X	X								
<i>[Signature]</i>																			
7/30/14																			

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	7/30/14	1440
Received by: <i>[Signature]</i>	<i>[Signature]</i>	FBT	7/30/14	1640
Relinquished by: _____				
Received by: _____		Samples received at	4 °C	

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

August 6, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 5, 2014 from the SOU_0731-004-05_20140805, F&BI 408054 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in cursive script, appearing to read "Michael Erdahl", is written over a dark olive green rectangular background.

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU0806R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140805, F&BI 408054 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408054 -01	K11-70
408054 -02	J13-70
408054 -03	K14-70
408054 -04	Duplicate05

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K11-70	Client:	SoundEarth Strategies
Date Received:	08/05/14	Project:	SOU_0731-004-05_20140805, F&BI 408054
Date Extracted:	08/05/14	Lab ID:	408054-01
Date Analyzed:	08/05/14	Data File:	080527.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	107	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.040

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J13-70	Client:	SoundEarth Strategies
Date Received:	08/05/14	Project:	SOU_0731-004-05_20140805, F&BI 408054
Date Extracted:	08/05/14	Lab ID:	408054-02
Date Analyzed:	08/05/14	Data File:	080528.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	109	51	121
4-Bromofluorobenzene	104	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K14-70	Client:	SoundEarth Strategies
Date Received:	08/05/14	Project:	SOU_0731-004-05_20140805, F&BI 408054
Date Extracted:	08/05/14	Lab ID:	408054-03
Date Analyzed:	08/05/14	Data File:	080529.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	105	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate05	Client:	SoundEarth Strategies
Date Received:	08/05/14	Project:	SOU_0731-004-05_20140805, F&BI 408054
Date Extracted:	08/05/14	Lab ID:	408054-04
Date Analyzed:	08/05/14	Data File:	080530.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	109	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.066

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140805, F&BI 408054
Date Extracted:	08/05/14	Lab ID:	04-1570 mb
Date Analyzed:	08/05/14	Data File:	080526.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/06/14

Date Received: 08/05/14

Project: SOU_0731-004-05_20140805, F&BI 408054

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408054-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	46	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	67	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	67	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	84	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	76	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	80	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	83	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	83	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	0.034	80	84	20-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	100	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	95	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

408054

SAMPLE CHAIN OF CUSTODY

ME 08/05/14

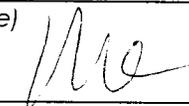
USI/CTA

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

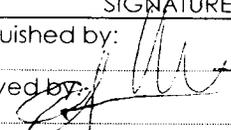
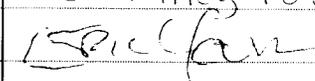
TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
K11-70	K11	7	01AE	8/5/14	1400	Soil	5				X	
J13-70	J13	10	02	I	1405	I	5				X	
K14-70	K14	10	03		1410		5				X	
Duplicate	Duplicate	7	04		1415		5				X	
CP 8/5/14												

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: 	Courtney Porter	SoundEarth	8/5/14	3:15
Received by: 	Spickard	F&B	8/5/14	3:05
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

August 7, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 6, 2014 from the SOU_0731-004-05_20140806, F&BI 408075 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0807R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 6, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140806, F&BI 408075 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408075 -01	J11-70
408075 -02	K10-70
408075 -03	Duplicate06

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J11-70	Client:	SoundEarth Strategies
Date Received:	08/06/14	Project:	SOU_0731-004-05_20140806, F&BI 408075
Date Extracted:	08/06/14	Lab ID:	408075-01
Date Analyzed:	08/06/14	Data File:	080612.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	K10-70	Client:	SoundEarth Strategies
Date Received:	08/06/14	Project:	SOU_0731-004-05_20140806, F&BI 408075
Date Extracted:	08/06/14	Lab ID:	408075-02
Date Analyzed:	08/06/14	Data File:	080613.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate06	Client:	SoundEarth Strategies
Date Received:	08/06/14	Project:	SOU_0731-004-05_20140806, F&BI 408075
Date Extracted:	08/06/14	Lab ID:	408075-03
Date Analyzed:	08/06/14	Data File:	080614.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140806, F&BI 408075
Date Extracted:	08/06/14	Lab ID:	04-1570 mb 2
Date Analyzed:	08/06/14	Data File:	080609.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408075

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408054-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	46	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	67	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	67	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	84	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	76	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	80	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	83	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	83	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	0.034	80	84	20-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	100	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	95	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

408075

SAMPLE CHAIN OF CUSTODY

ME 08-06-14

VS1 / C11

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

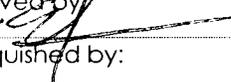
TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24 hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
J11-70	J11	4	01AE	8/6/14	1000	Soil	5				X	
K10-70	K10	6	021	I	1000	I	5				X	
Duplicate	Duplicate	6	031	I	1010	I	5				X	
8/6/14												

Samples received at 4 °C

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: 	Courtney Porter	SoundEarth	8/6/14	1140
Received by: 	Earth	ES	8/6/14	1130
Relinquished by:				
Received by:				

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

August 7, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 6, 2014 from the SOU_0731-004-05_20140806, F&BI 408087 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0807R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 6, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140806, F&BI 408087 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408087 -01	F4-68

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408087

Date Extracted: 08/06/14

Date Analyzed: 08/06/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
F4-68 408087-01	<2	89
Method Blank 04-1589 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408087

Date Extracted: 08/06/14

Date Analyzed: 08/06/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
F4-68 408087-01	<50	<250	97
Method Blank 04-1622 MB	<50	<250	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F4-68	Client:	SoundEarth Strategies
Date Received:	08/06/14	Project:	SOU_0731-004-05_20140806, F&BI 408087
Date Extracted:	08/06/14	Lab ID:	408087-01
Date Analyzed:	08/06/14	Data File:	080621.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	105	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140806, F&BI 408087
Date Extracted:	08/06/14	Lab ID:	04-1572 mb
Date Analyzed:	08/06/14	Data File:	080620.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408087

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408057-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408087

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

Laboratory Code: 408060-13 (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	101	107	63-146	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	105	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/07/14

Date Received: 08/06/14

Project: SOU_0731-004-05_20140806, F&BI 408087

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408087-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	38	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	51	10-176	16
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	58	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	78	78	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	76	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	75	75	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	78	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	78	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	77	76	10-156	1
Benzene	mg/kg (ppm)	2.5	<0.03	78	78	29-129	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	85	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	80	78	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	20-133	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	81	79	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	80	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	81	33-134	2

Laboratory Code: Laboratory Control Sample

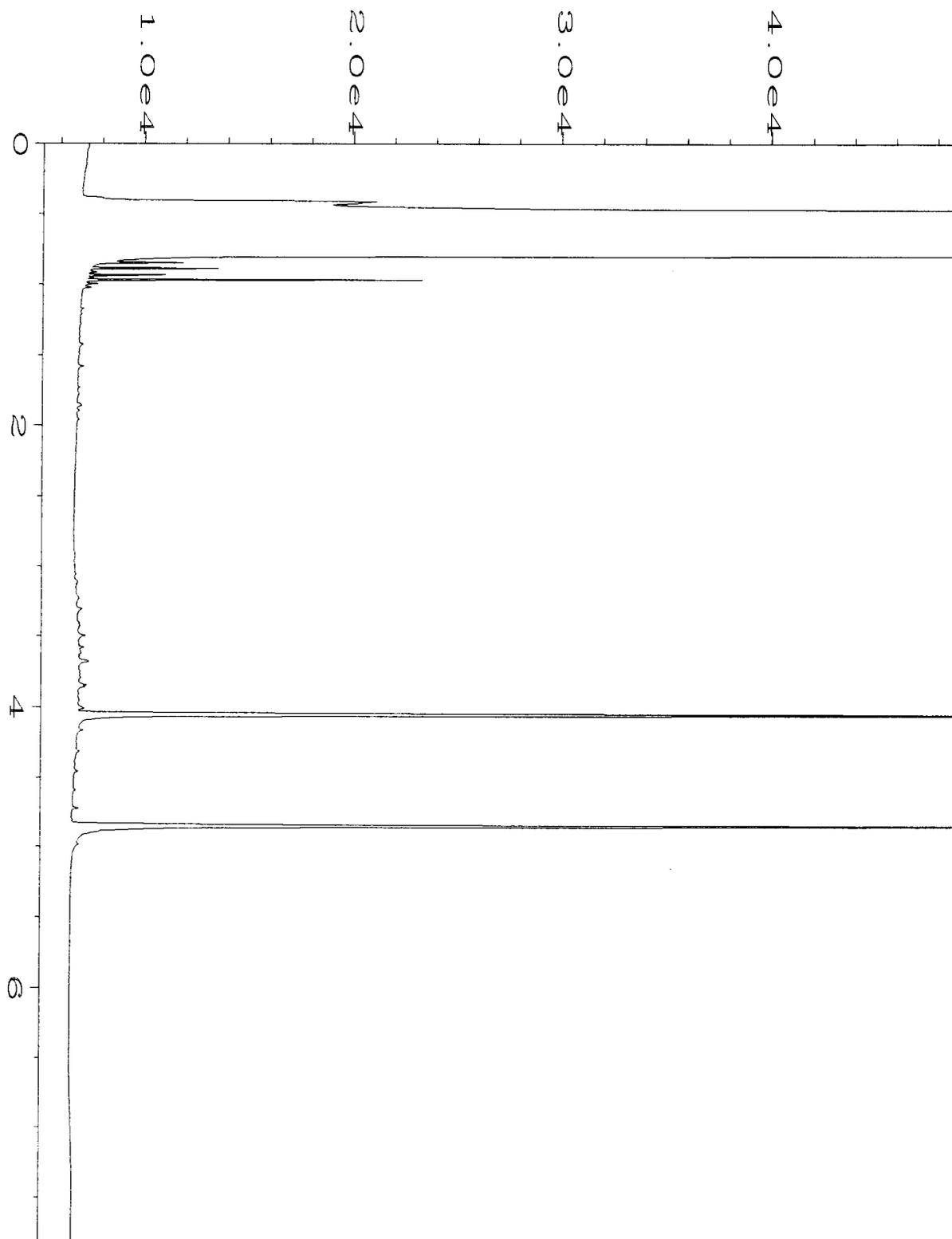
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	61	22-139
Chloroethane	mg/kg (ppm)	2.5	86	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	47-128
Methylene chloride	mg/kg (ppm)	2.5	99	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	96	68-114
Trichloroethene	mg/kg (ppm)	2.5	105	64-117
Toluene	mg/kg (ppm)	2.5	97	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	100	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

FRIEDMAN & BRUYA, INC.

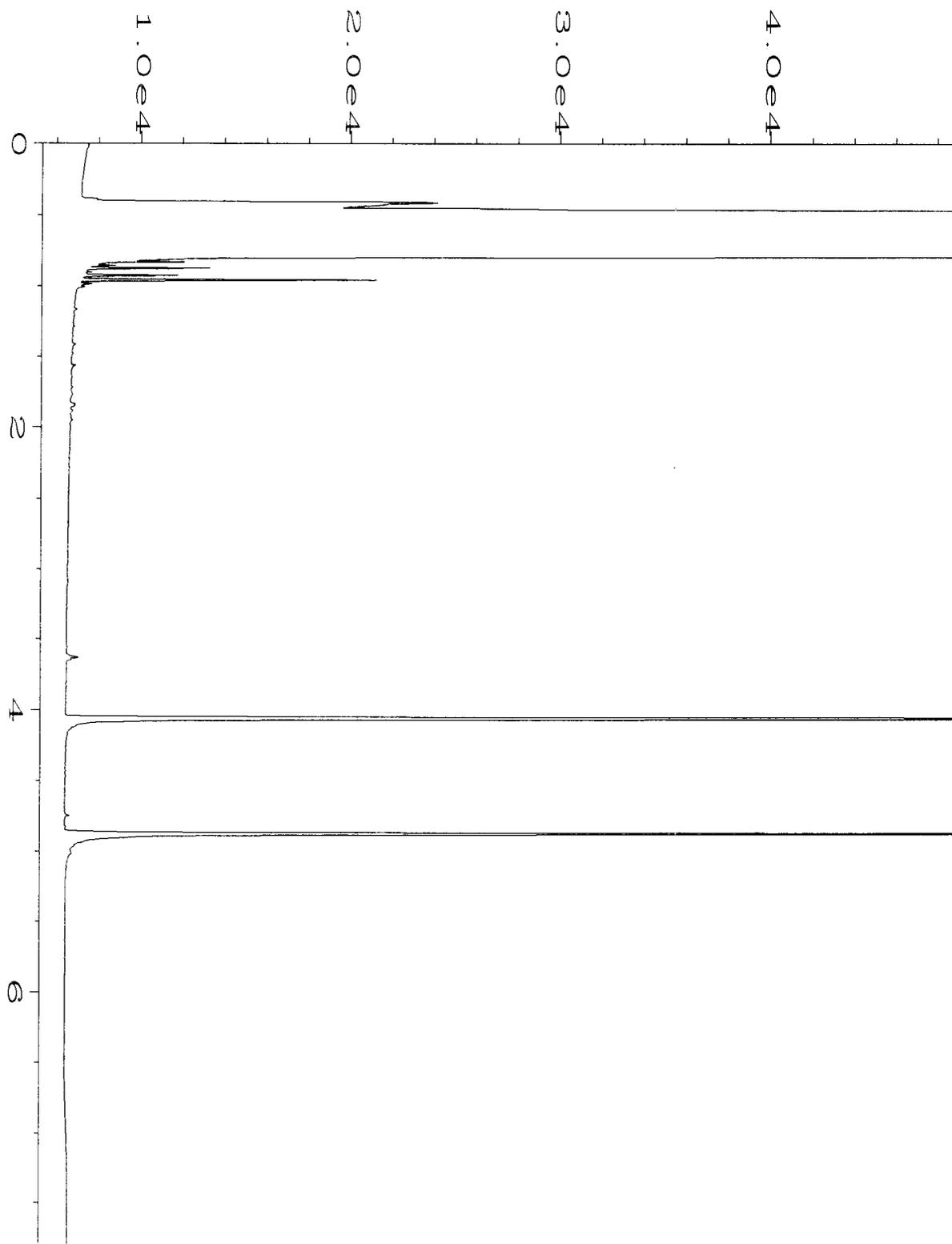
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

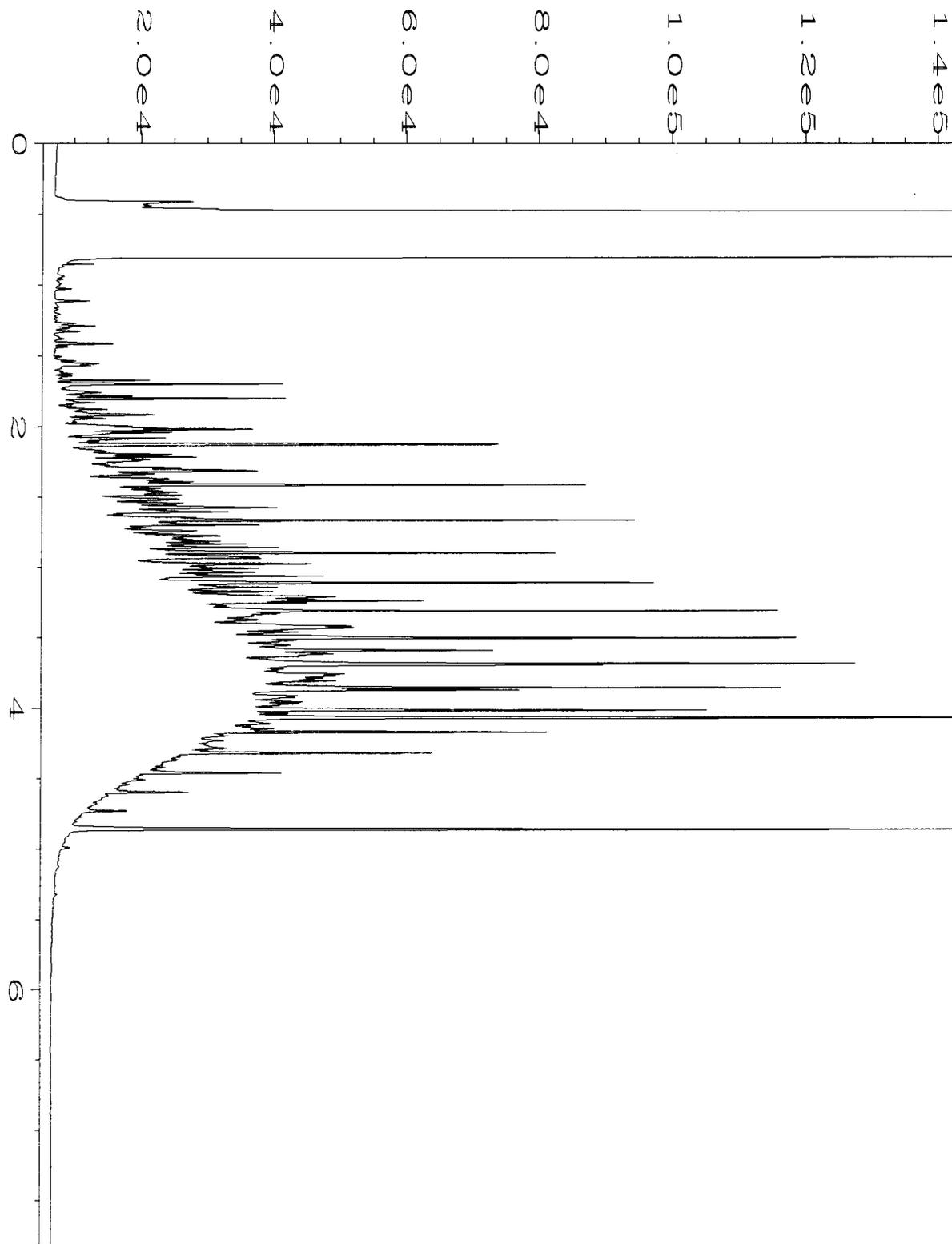
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\1\DATA\08-06-14\040F1101.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 40
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408087-01	Sequence Line	: 11
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Aug 14 06:43 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	07 Aug 14 08:59 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-06-14\029F1101.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1622 mb	Sequence Line	: 11
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Aug 14 04:23 PM	Analysis Method	: BAKEOUT.MTH
Report Created on:	07 Aug 14 09:00 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-06-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Aug 14 08:54 AM	Analysis Method	: BAKEOUT.MTH
Report Created on:	07 Aug 14 09:00 AM		

408087

SAMPLE CHAIN OF CUSTODY

ME 8/6/14 B01/US1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

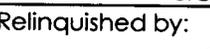
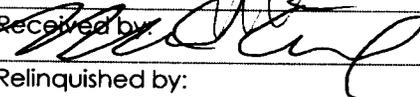
SAMPLE DISPOSAL

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
54-68	CP F4	1	01AE	8/6/14	1545	soil	5	X	X	X	X	
CP 8/6/14												

ies received at 19 °C

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: 	Courtney Porter	SoundEarth	8/6/14	1630
Received by: 	Michael E. Cole	FIBm	↓	↓
Relinquished by:				
Received by:				

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

August 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on August 11, 2014 from the SOU_0731-004-05_20140811, F&BI 408155 project. There are 11 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0827R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140811, F&BI 408155 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408155-01	G31ESW-87
408155-02	J1WSW-68
408155-03	H1WSW-68
408155-04	F1WSW-68
408155-05	I1WSW-68

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

Date Extracted: 08/22/14

Date Analyzed: 08/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
F1WSW-68 408155-04	6.1	93
I1WSW-68 408155-05	<2	87
Method Blank 04-1664 MB	<2	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

Date Extracted: 08/22/14

Date Analyzed: 08/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
F1WSW-68 408155-04	64	<250	103
I1WSW-68 408155-05	<50	<250	91
Method Blank 04-1715 MB	<50	<250	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F1WSW-68	Client:	SoundEarth Strategies
Date Received:	08/11/14	Project:	SOU_0731-004-05_20140811
Date Extracted:	08/21/14	Lab ID:	408155-04
Date Analyzed:	08/21/14	Data File:	082120.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	I1WSW-68	Client:	SoundEarth Strategies
Date Received:	08/11/14	Project:	SOU_0731-004-05_20140811
Date Extracted:	08/21/14	Lab ID:	408155-05
Date Analyzed:	08/21/14	Data File:	082121.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140811
Date Extracted:	08/21/14	Lab ID:	04-1686 mb
Date Analyzed:	08/21/14	Data File:	082111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408316-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

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

Laboratory Code: 408155-04 (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	52	108	98	63-146	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408272-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	60	59	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	106	107	10-176	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	81	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	86	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	76	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	80	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	79	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	85	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	87	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	78	76	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	77	77	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	80	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	79	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	84	82	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	82	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	84	33-134	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	68	22-139
Chloroethane	mg/kg (ppm)	2.5	108	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	47-128
Methylene chloride	mg/kg (ppm)	2.5	104	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Benzene	mg/kg (ppm)	2.5	86	68-114
Trichloroethene	mg/kg (ppm)	2.5	86	64-117
Toluene	mg/kg (ppm)	2.5	91	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	93	72-114
Ethylbenzene	mg/kg (ppm)	2.5	92	64-123
m,p-Xylene	mg/kg (ppm)	5	94	78-122
o-Xylene	mg/kg (ppm)	2.5	95	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

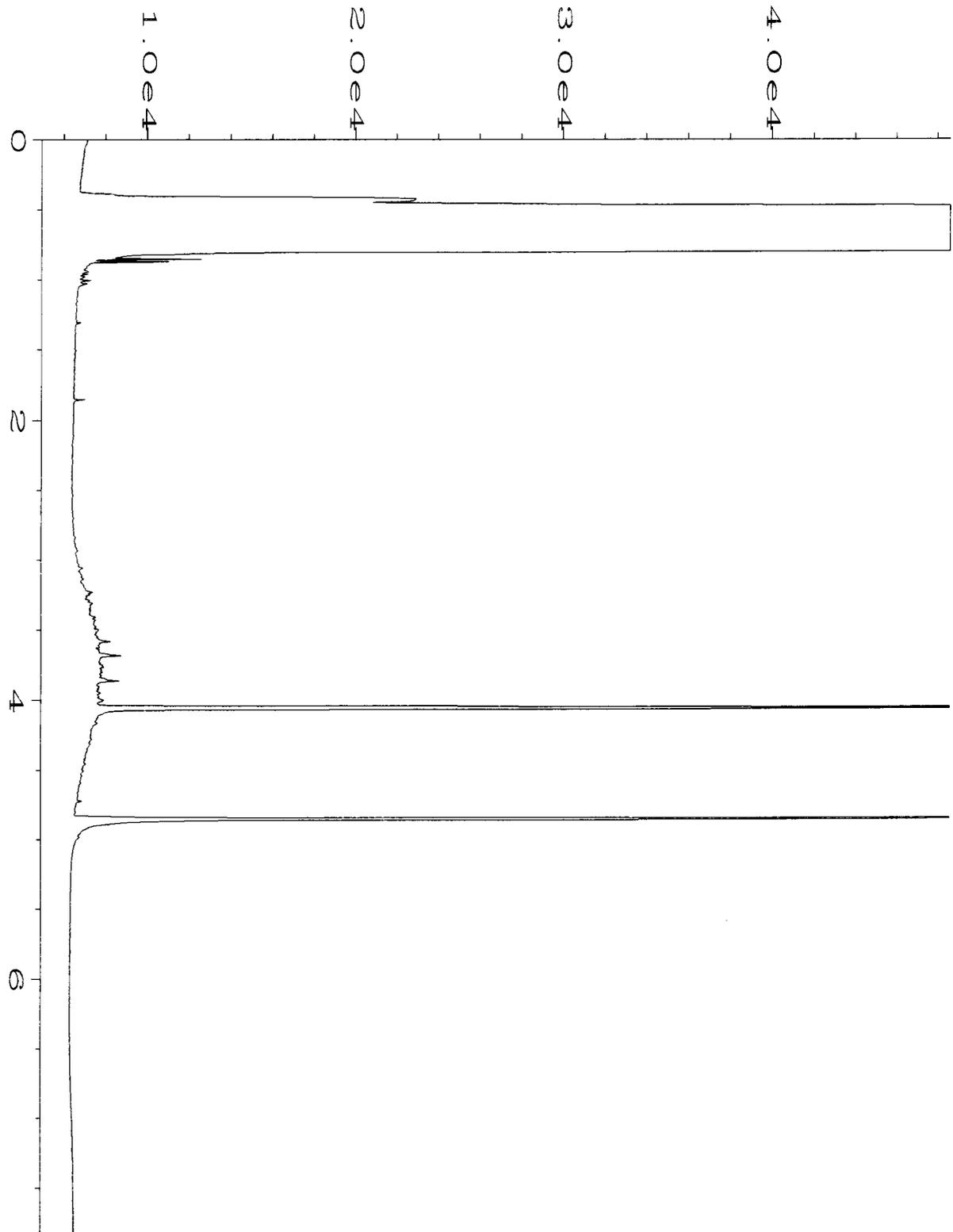
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

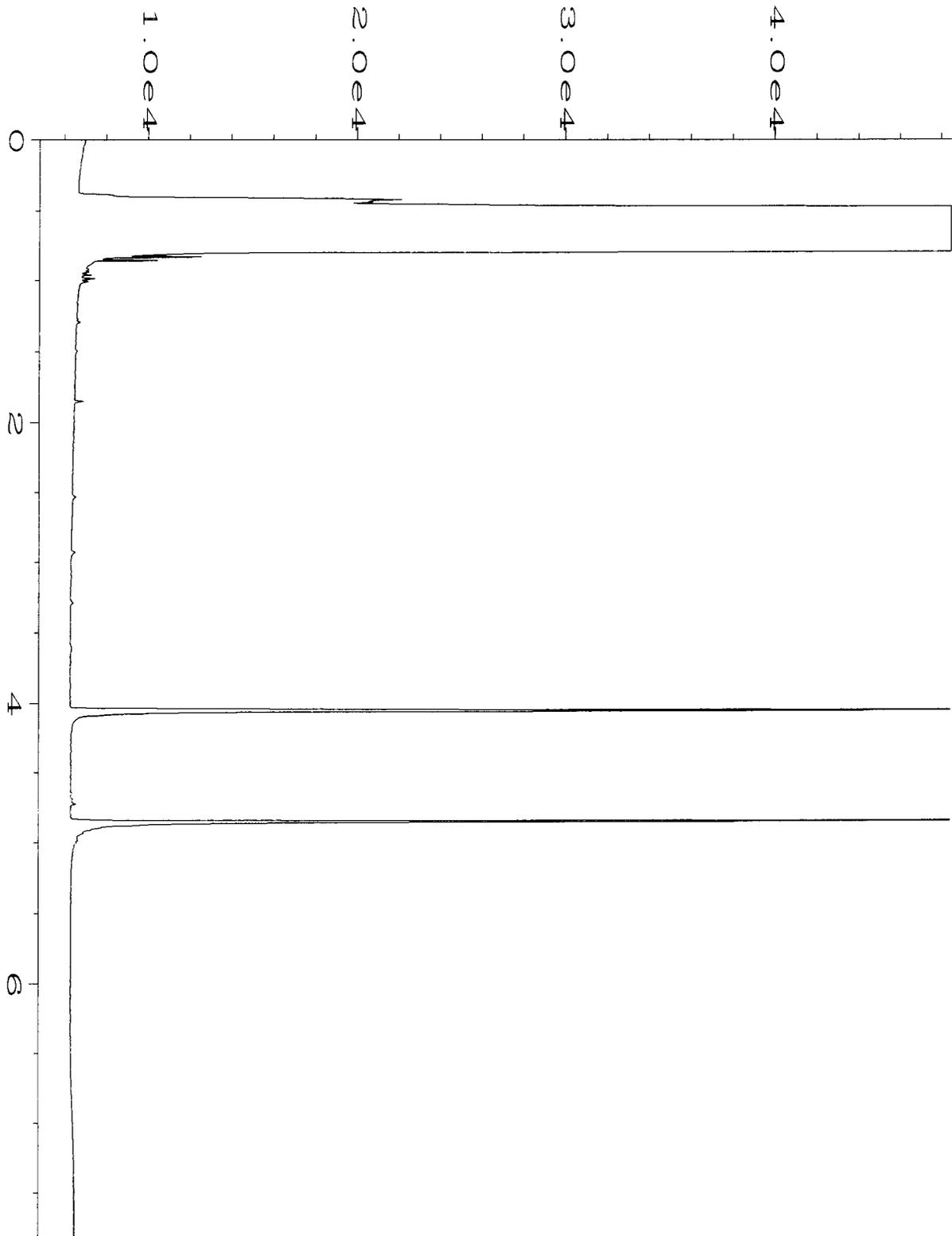
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

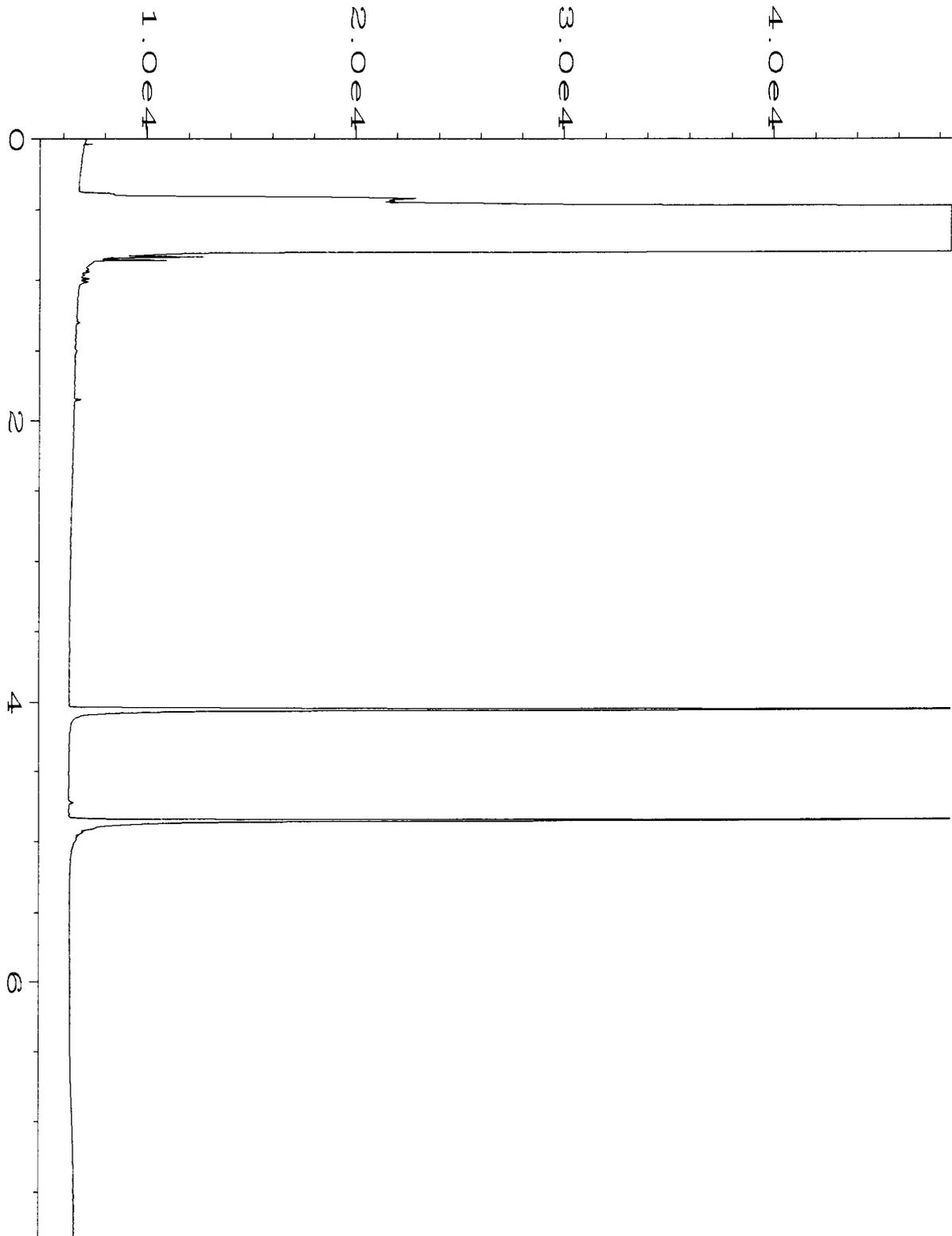
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



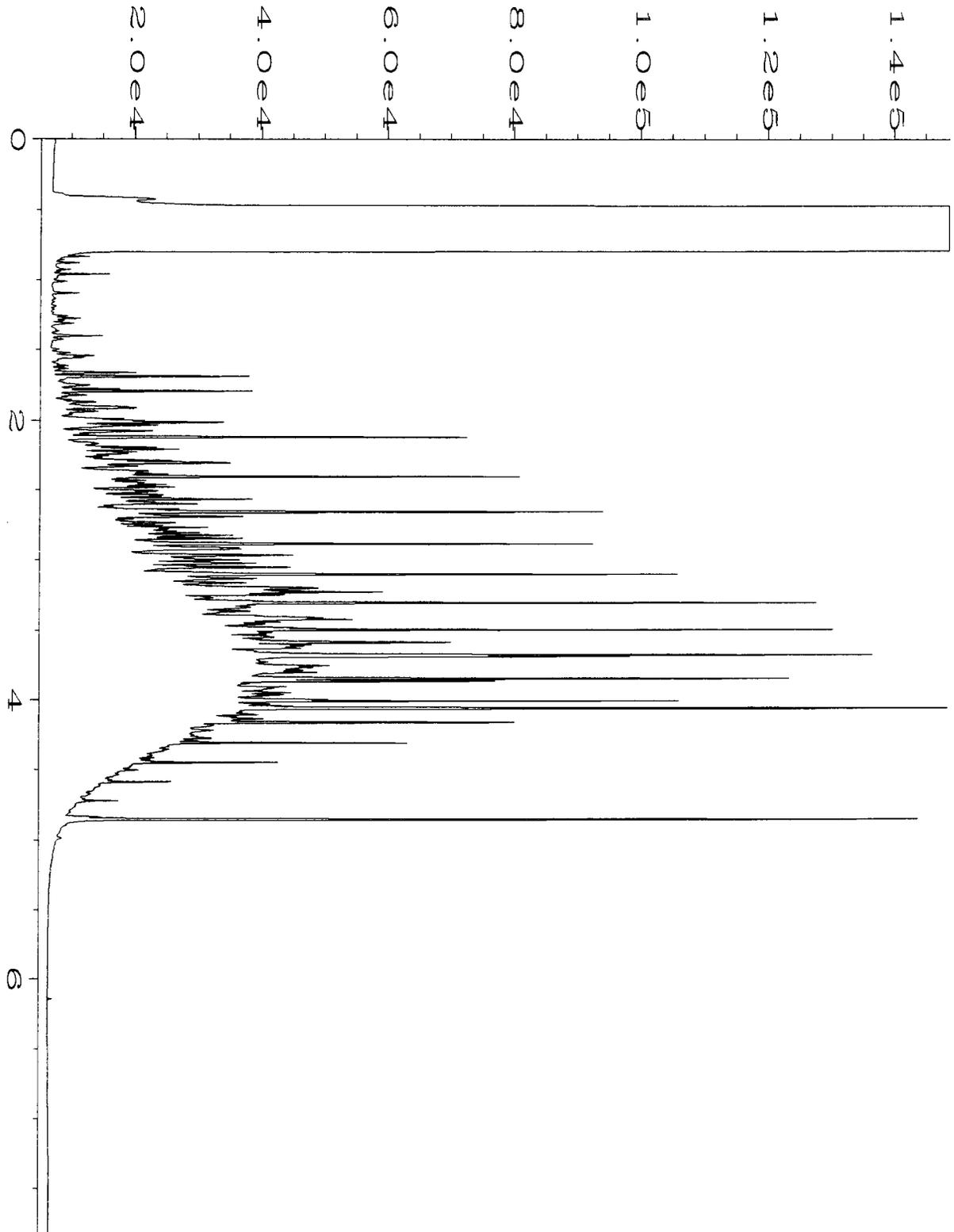
Data File Name	: C:\HPCHEM\1\DATA\08-22-14\016F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408155-04	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 11:33 AM	Analysis Method	: DX.MTH
Report Created on:	22 Aug 14 01:32 PM		



Data File Name	: C:\HPCHEM\1\DATA\08-22-14\017F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408155-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 11:45 AM	Analysis Method	: DX.MTH
Report Created on:	22 Aug 14 01:32 PM		



Data File Name	: C:\HPCHEM\1\DATA\08-22-14\012F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 12
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1716 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 10:43 AM	Analysis Method	: DX.MTH
Report Created on:	22 Aug 14 01:32 PM		



Data File Name	: C:\HPCHEM\1\DATA\08-22-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 08:28 AM	Analysis Method	: DX.MTH
Report Created on:	22 Aug 14 01:32 PM		

408155

SAMPLE CHAIN OF CUSTODY

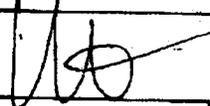
ME 8/11/14 VSI/802

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

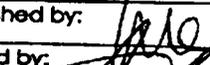
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS Q = Run per PUK on 8/13/14 ✓ - per PK 8/21/14 me	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Gx	VOCs by EPA 8260C	Notes
G31ESW-67	G31	67	01A	8/11/14	0820	soil	5					
J1WSW-68	J1	68	02		1020	soil	5					
H1WSW-68	H1	68	03		1025	soil	5	⊗	⊗	⊗	⊗	
F1WSW-68	F1	68	04		1030	soil	5	✓	✓	✓	✓	
I1WSW-68	I1	68	05		1040	soil	5	✓	✓	✓	✓	
CP 8/11/14												

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: 	Courtney Porter	SoundEarth	8/11/14	1435
Received by: 	Jonathan Loeffler	FBI	8/11/14	1435
Relinquished by:				
Received by:				

Samples received at _____

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

August 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 11, 2014 from the SOU_0731-004-05_20140811, F&BI 408155 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0819R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140811, F&BI 408155 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408155-01	G31ESW-87
408155-02	J1WSW-68
408155-03	H1WSW-68
408155-04	F1WSW-68
408155-05	I1WSW-68

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/19/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

Date Extracted: 08/13/14

Date Analyzed: 08/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
H1WSW-68 408155-03	21	90
Method Blank 04-1640 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/19/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

Date Extracted: 08/13/14

Date Analyzed: 08/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
H1WSW-68 408155-03	170	<250	115
Method Blank 04-1655 MB	<50	<250	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H1WSW-68	Client:	SoundEarth Strategies
Date Received:	08/11/14	Project:	SOU_0731-004-05_20140811
Date Extracted:	08/13/14	Lab ID:	408155-03
Date Analyzed:	08/13/14	Data File:	081306.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140811
Date Extracted:	08/13/14	Lab ID:	04-1635 mb2
Date Analyzed:	08/13/14	Data File:	081305.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	88	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/19/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408185-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/19/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

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

Laboratory Code: 408155-03 (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	150	103	106	64-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/19/14

Date Received: 08/11/14

Project: SOU_0731-004-05_20140811, F&BI 408155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408141-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	37	39	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	56	60	10-176	7
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	54	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	74	10-156	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	58	57	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	67	67	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	68	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	72	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	60	61	10-156	2
Benzene	mg/kg (ppm)	2.5	<0.03	60	59	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	56	55	21-139	2
Toluene	mg/kg (ppm)	2.5	<0.05	54	54	35-130	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	39	40	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	49	49	32-137	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	46	47	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	51	52	33-134	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	93	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	104	47-128
Methylene chloride	mg/kg (ppm)	2.5	109	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	106	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	115	62-131
Benzene	mg/kg (ppm)	2.5	102	68-114
Trichloroethene	mg/kg (ppm)	2.5	100	64-117
Toluene	mg/kg (ppm)	2.5	103	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	107	72-114
Ethylbenzene	mg/kg (ppm)	2.5	106	64-123
m,p-Xylene	mg/kg (ppm)	5	105	78-122
o-Xylene	mg/kg (ppm)	2.5	109	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

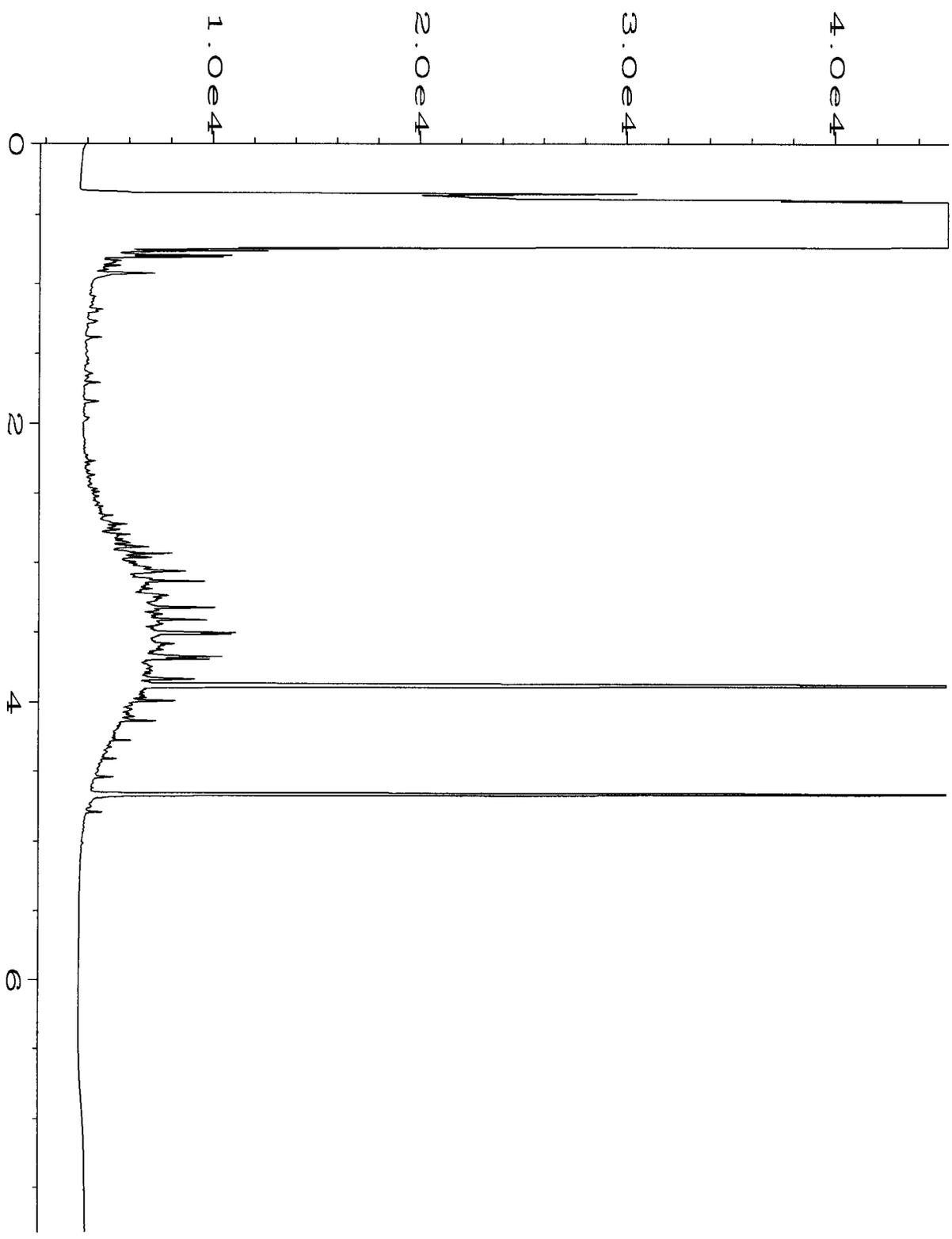
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

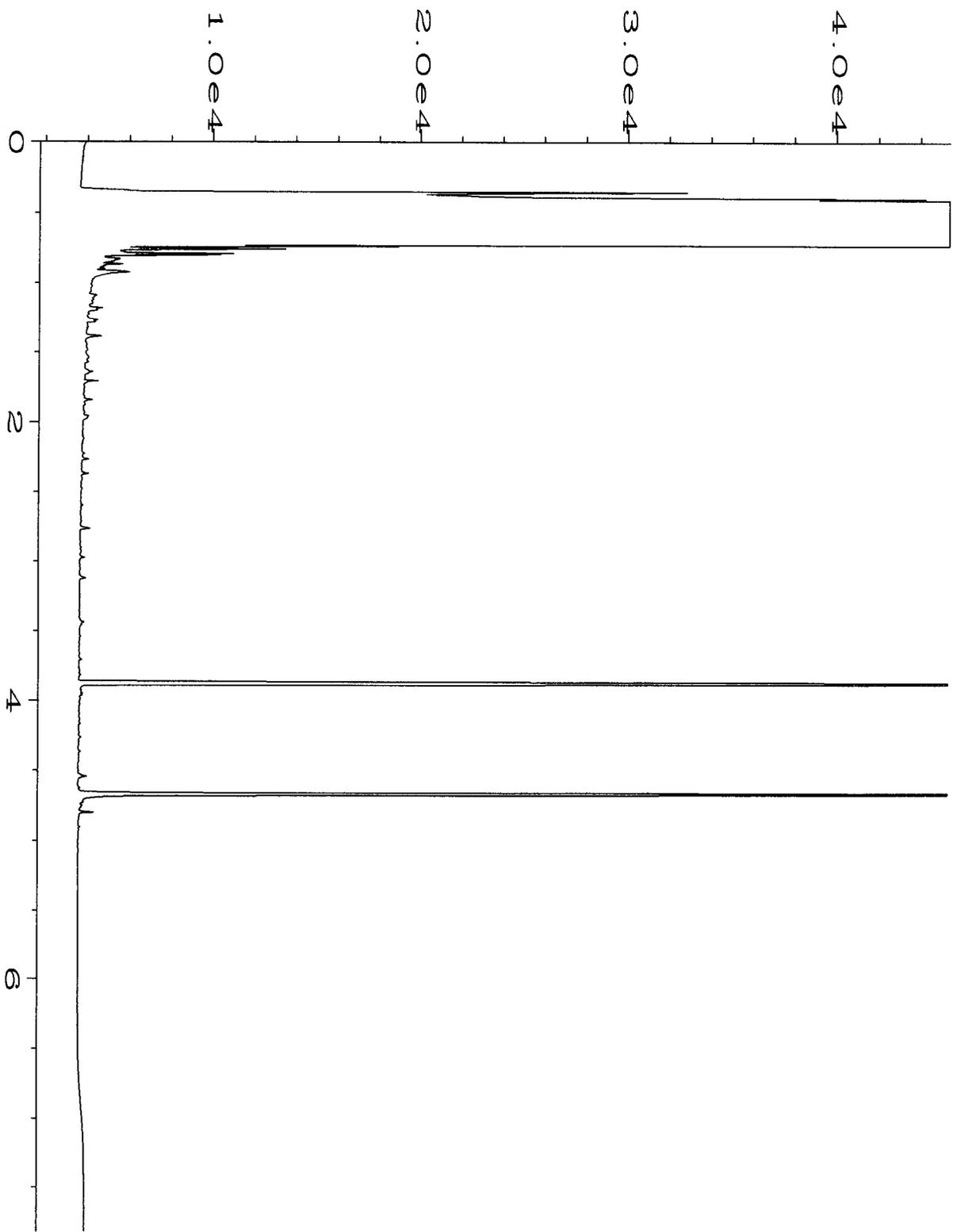
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

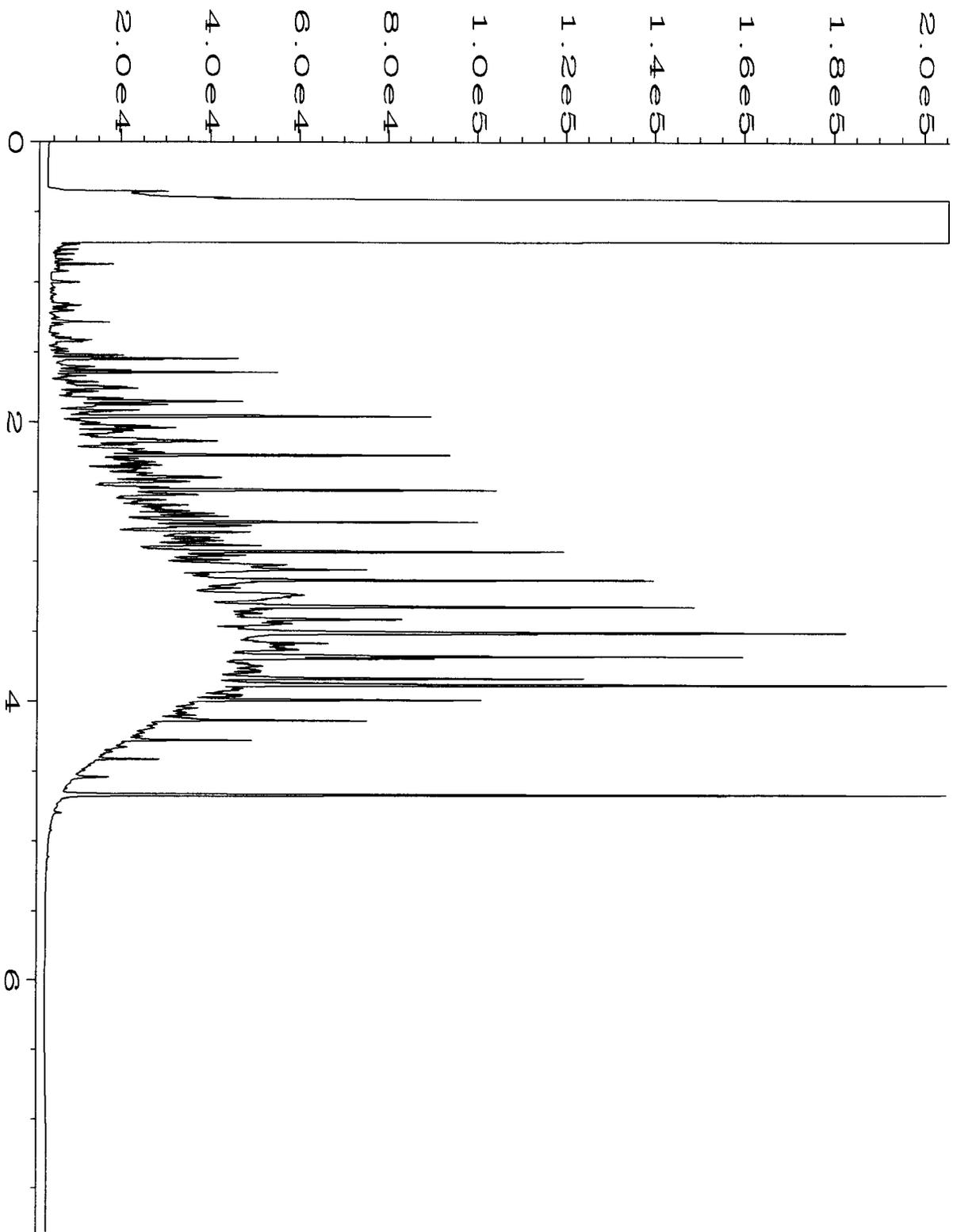
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\6\DATA\08-13-14\025F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 25
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 408155-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Aug 14 01:09 PM	Analysis Method	: DX.MTH
Report Created on:	14 Aug 14 08:58 AM		



Data File Name	: C:\HPCHEM\6\DATA\08-13-14\021F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1655 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Aug 14 12:18 PM	Analysis Method	: DX.MTH
Report Created on:	13 Aug 14 12:41 PM		



Data File Name	: C:\HPCHEM\6\DATA\08-13-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Aug 14 08:53 AM	Analysis Method	: DX.MTH
Report Created on:	13 Aug 14 12:41 PM		

408155

SAMPLE CHAIN OF CUSTODY

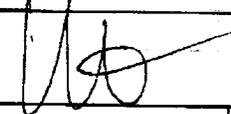
ME 8/11/14 VSI/B02

Send Report To Pete Kingston cc: Jonathan Loeffler, Courney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

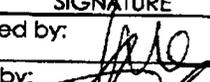
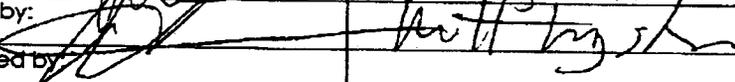
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per PJK on 8/13/14	EIM Y

Page # _____ of _____
TURNAROUND TIME
<input checked="" type="checkbox"/> Standard (2 Weeks) RUSH
Rush charges authorized by: _____
SAMPLE DISPOSAL
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
G3ESW-87	G3A	87	01A	8/11/14	0820	soil	5					X	
J1WSW-68	J1	68	02	I	1020	soil	5					X	
H1WSW-68	H1	68	03		1025	soil	5	⊗	⊗	⊗	⊗	X	
F1WSW-68	F1	68	04		1030	soil	5					X	
I1WSW-68	I1	68	05		1040	soil	5					X	
CP 8/11/14													

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: 	Courney Porter	SoundEarth	8/11/14	1435
Received by: 	Will King	FRL	8/11/14	1435
Relinquished by:				
Received by:				

Samples received at

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

August 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 13, 2014 from the SOU_0731-004-05_20140813, F&BI 408204 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0814R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 13, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140813, F&BI 408204 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408204 -01	L8-70
408204 -02	L12-70
408204 -03	L12-65
408204 -04	L12-60
408204 -05	L12-55
408204 -06	L8-65
408204 -07	L8-60
408204 -08	L8-55

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L8-70	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-01
Date Analyzed:	08/13/14	Data File:	081314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L12-70	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-02
Date Analyzed:	08/13/14	Data File:	081315.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L12-65	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-03
Date Analyzed:	08/13/14	Data File:	081316.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L12-60	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-04
Date Analyzed:	08/13/14	Data File:	081317.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	92	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L12-55	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-05
Date Analyzed:	08/13/14	Data File:	081318.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L8-65	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-06
Date Analyzed:	08/13/14	Data File:	081319.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L8-60	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-07
Date Analyzed:	08/13/14	Data File:	081320.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L8-55	Client:	SoundEarth Strategies
Date Received:	08/13/14	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	408204-08
Date Analyzed:	08/13/14	Data File:	081321.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140813, F&BI 408204
Date Extracted:	08/13/14	Lab ID:	04-1637 mb
Date Analyzed:	08/13/14	Data File:	081311.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	91	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/14/14

Date Received: 08/13/14

Project: SOU_0731-004-05_20140813, F&BI 408204

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408204-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	59	60	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	79	82	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	78	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	90	104	10-156	14
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	88	14-137	10
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	91	19-140	8
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	85	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	88	90	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	90	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	85	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	86	83	20-133	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	103	47-128
Methylene chloride	mg/kg (ppm)	2.5	121	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	112	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	111	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	106	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	115	62-131
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

408204

SAMPLE CHAIN OF CUSTODY

ME 08-13-14

VSI/BI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
XRUSH 24-hr

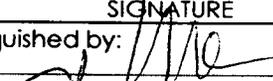
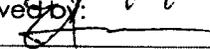
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
L8-70	08 L8 8/13/14	70	01A-E	8/13/14	1235	soil	5				X	
L12-70	08 L12 8/13/14	70	02	8/13/14	1240	soil	5				X	
L12-65	L12	65	03	8/13/14	1405	soil	5				X	
L12-60	L12	60	04	8/13/14	1410	soil	5				X	
L12-55	L12	55	05	8/13/14	1415	soil	5				X	
L8-65	L8	65	06	8/13/14	1425	soil	5				X	
L8-60	L8	60	07	8/13/14	1430	soil	5				X	
L8-55	L8	55	08	8/13/14	1435	soil	5				X	
Samples received at <u>4</u> °C												
OP 8/13/14												

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: 	Courtney Porter	SoundEarth	8/13/14	1530
Received by: 	Eric Yarr	FAB	8/13/14	1520
Relinquished by:				
Received by:				

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

August 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 14, 2014 from the SOU_0731-004-05_20140814, F&BI 408224 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0815R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 14, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140814, F&BI 408224 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408224-01	O8-70
408224-02	O8-65
408224-03	O8-60
408224-04	O8-55

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	08-70	Client:	SoundEarth Strategies
Date Received:	08/14/14	Project:	SOU_0731-004-05_20140814, F&BI 408224
Date Extracted:	08/14/14	Lab ID:	408224-01
Date Analyzed:	08/14/14	Data File:	081415A.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O8-65	Client:	SoundEarth Strategies
Date Received:	08/14/14	Project:	SOU_0731-004-05_20140814, F&BI 408224
Date Extracted:	08/14/14	Lab ID:	408224-02
Date Analyzed:	08/14/14	Data File:	081416.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O8-60	Client:	SoundEarth Strategies
Date Received:	08/14/14	Project:	SOU_0731-004-05_20140814, F&BI 408224
Date Extracted:	08/14/14	Lab ID:	408224-03
Date Analyzed:	08/14/14	Data File:	081417.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O8-55	Client:	SoundEarth Strategies
Date Received:	08/14/14	Project:	SOU_0731-004-05_20140814, F&BI 408224
Date Extracted:	08/14/14	Lab ID:	408224-04
Date Analyzed:	08/14/14	Data File:	081418.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140814, F&BI 408224
Date Extracted:	08/14/14	Lab ID:	04-1673 mb
Date Analyzed:	08/14/14	Data File:	081414.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/15/14

Date Received: 08/14/14

Project: SOU_0731-004-05_20140814, F&BI 408224

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408224-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	64	61	10-91	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	72	73	10-101	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	81	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	87	87	14-128	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	90	13-112	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	96	96	23-115	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	99	100	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	92	93	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	97	97	27-112	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	93	96	30-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	99	99	27-110	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	79	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	72-116
Trichloroethene	mg/kg (ppm)	2.5	98	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

408224

SAMPLE CHAIN OF CUSTODY

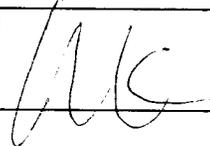
ME 8/14/14 CEI/VS1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

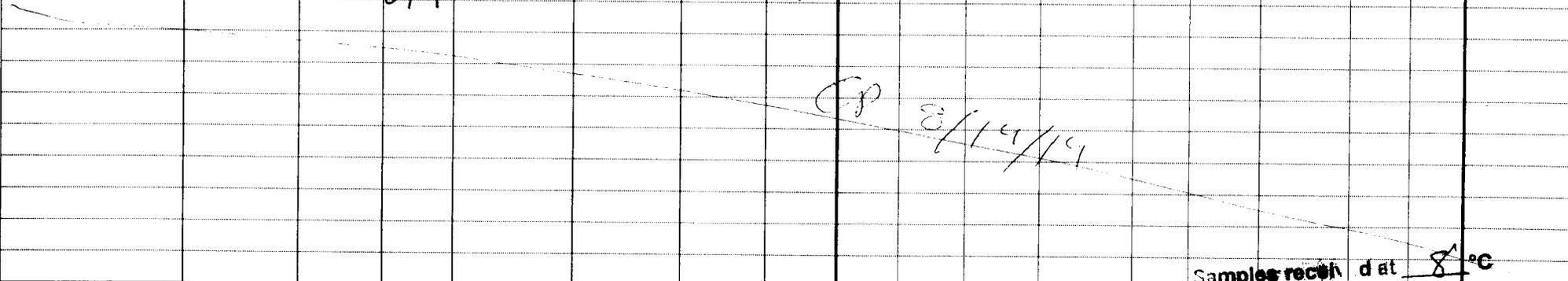
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24 hrs.
Rush charges authorized by:
P. Kingston

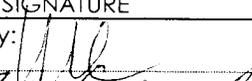
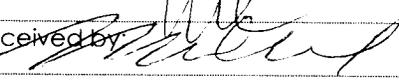
SAMPLE DISPOSAL
 Dispose after 30 days
Return samples
Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
08-70	08	70	01A-E	8/14/14	1155	Soil	5				X	
08-65	08	65	02	I	1205	I	5				X	
08-60	08	60	03		1210		5				X	
08-55	08	55	04		1215		5				X	
												

CP 8/14/14

Samples received at 8°C

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: 	Courtney Porter	SoundEarth	8/14/14	1220
Received by: 	Michael Escobedo	FE Inc	↓	↓
Relinquished by:				
Received by:				

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

August 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 15, 2014 from the SOU_0731-004-05_20140815, F&BI 408251 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0818R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140815, F&BI 408251 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408251-01	B20-68
408251-02	B20-65

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/14

Date Received: 08/15/14

Project: SOU_0731-004-05_20140815, F&BI 408251

Date Extracted: 08/15/14

Date Analyzed: 08/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
B20-68 408251-01	<0.02	0.096	0.085	0.82	27	99
B20-65 408251-02	<0.02	<0.02	<0.02	<0.06	<2	85
Method Blank 04-1658 MB	<0.02	<0.02	<0.02	<0.06	<2	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/14

Date Received: 08/15/14

Project: SOU_0731-004-05_20140815, F&BI 408251

Date Extracted: 08/15/14

Date Analyzed: 08/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
B20-68 408251-01	<50	<250	93
B20-65 408251-02	<50	<250	91
Method Blank 04-1691 MB	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/14

Date Received: 08/15/14

Project: SOU_0731-004-05_20140815, F&BI 408251

**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: 408251-02 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	85	69-120
Toluene	mg/kg (ppm)	0.5	82	70-117
Ethylbenzene	mg/kg (ppm)	0.5	84	65-123
Xylenes	mg/kg (ppm)	1.5	84	66-120
Gasoline	mg/kg (ppm)	20	105	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/14

Date Received: 08/15/14

Project: SOU_0731-004-05_20140815, F&BI 408251

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

Laboratory Code: 408231-05 (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	91	92	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

408251

SAMPLE CHAIN OF CUSTODY

ME 8/15/14

30 / VS1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>RKH</i>		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	
REMARKS	EIM Y	

TURNAROUND TIME Standard 12 Weeks <input checked="" type="checkbox"/> RUSH <i>24hr</i> Rush charges authorized by: <i>P. Kingston</i>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
B20-68	B20	68	OKA-F	8/15/14	0923	Soil	5	X	X	X		
B20-65	B20	65	OR4	8/15/14	0930	Soil	5	X	X	X		
<i>RKH</i> 8/15/14												
Samples received at 17°C												

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: <i>RKH</i>	Pete Kingston	SGS	8/15/14	10:25
Received by: <i>James Bruya</i>	James Bruya	F&B	8/15	10:25
Relinquished by:				
Received by:				

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

August 25, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 18, 2014 from the SOU_0731-004-05_20140818, F&BI 408280 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0825R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140818, F&BI 408280 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408280 -01	JJ3-35
408280 -02	JJ3-25
408280 -03	JJ1-35
408280 -04	JJ1-25

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

Date Extracted: 08/18/14

Date Analyzed: 08/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ3-35 408280-01	<2	113
JJ3-25 408280-02	<2	112
JJ1-35 408280-03	<2	111
JJ1-25 408280-04	<2	112
Method Blank 04-1661 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

Date Extracted: 08/19/14

Date Analyzed: 08/19/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
JJ3-35 408280-01	<50	<250	118
JJ3-25 408280-02	<50	<250	113
JJ1-35 408280-03	<50	<250	121
JJ1-25 408280-04	<50	<250	113
Method Blank 04-1700 MB2	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ3-35	Client:	SoundEarth Strategies
Date Received:	08/18/14	Project:	SOU_0731-004-05_20140818
Date Extracted:	08/18/14	Lab ID:	408280-01
Date Analyzed:	08/18/14	Data File:	081815.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ3-25	Client:	SoundEarth Strategies
Date Received:	08/18/14	Project:	SOU_0731-004-05_20140818
Date Extracted:	08/18/14	Lab ID:	408280-02
Date Analyzed:	08/18/14	Data File:	081816.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1-35	Client:	SoundEarth Strategies
Date Received:	08/18/14	Project:	SOU_0731-004-05_20140818
Date Extracted:	08/18/14	Lab ID:	408280-03
Date Analyzed:	08/18/14	Data File:	081817.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1-25	Client:	SoundEarth Strategies
Date Received:	08/18/14	Project:	SOU_0731-004-05_20140818
Date Extracted:	08/18/14	Lab ID:	408280-04
Date Analyzed:	08/18/14	Data File:	081818.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140818
Date Extracted:	08/18/14	Lab ID:	04-1679 mb
Date Analyzed:	08/18/14	Data File:	081808.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408263-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

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

Laboratory Code: 408275-04 (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	103	105	63-146	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408275-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	53	10-138	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	74	10-176	11
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	74	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	87	98	10-156	12
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	86	14-137	19
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	87	19-140	13
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	82	25-135	8
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	88	12-160	11
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	92	10-156	9
Trichloroethene	mg/kg (ppm)	2.5	<0.02	74	84	21-139	13
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	85	93	20-133	9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/18/14

Project: SOU_0731-004-05_20140818, F&BI 408280

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	62	22-139
Chloroethane	mg/kg (ppm)	2.5	75	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	82	47-128
Methylene chloride	mg/kg (ppm)	2.5	101	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	90	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Trichloroethene	mg/kg (ppm)	2.5	83	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	84	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

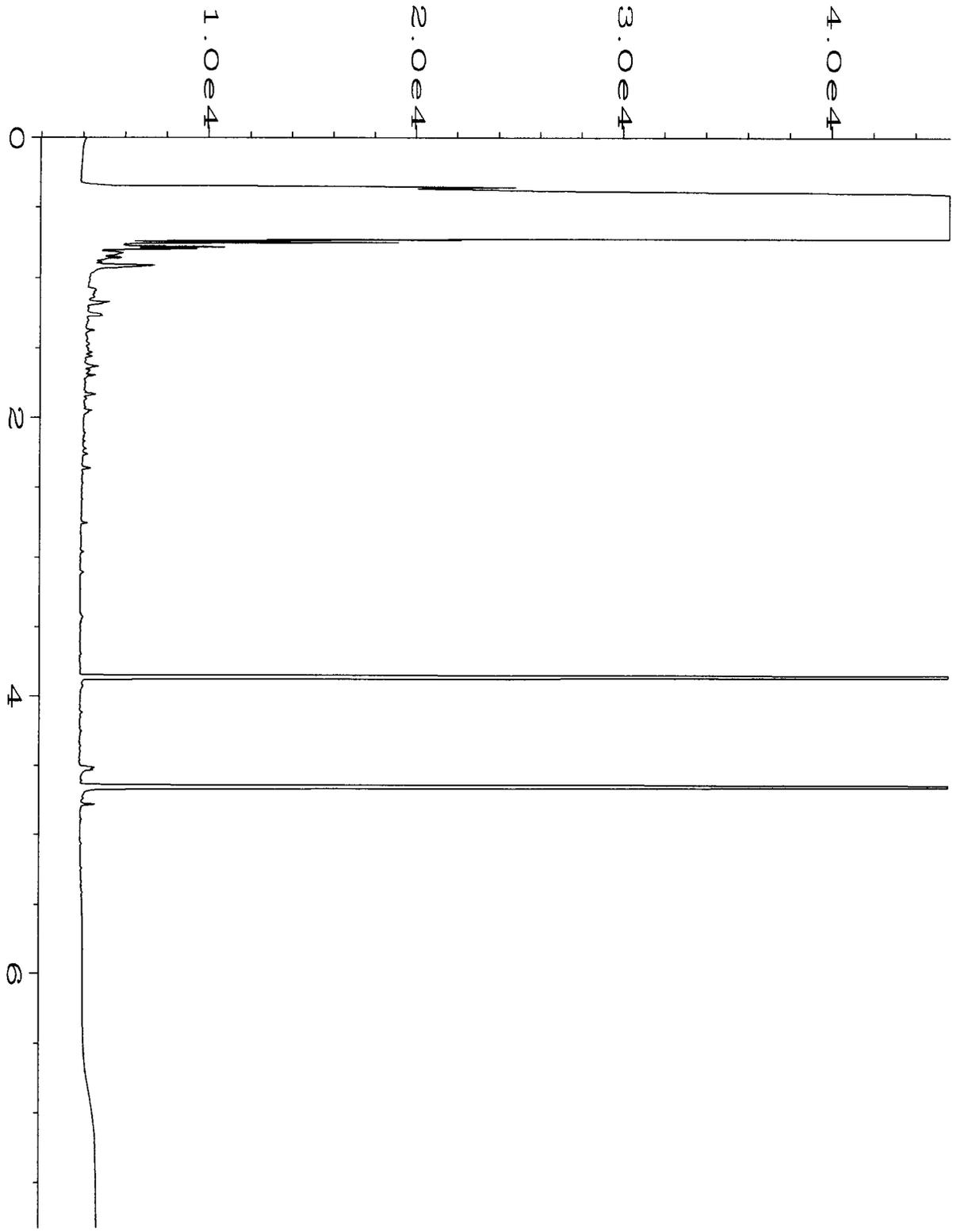
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

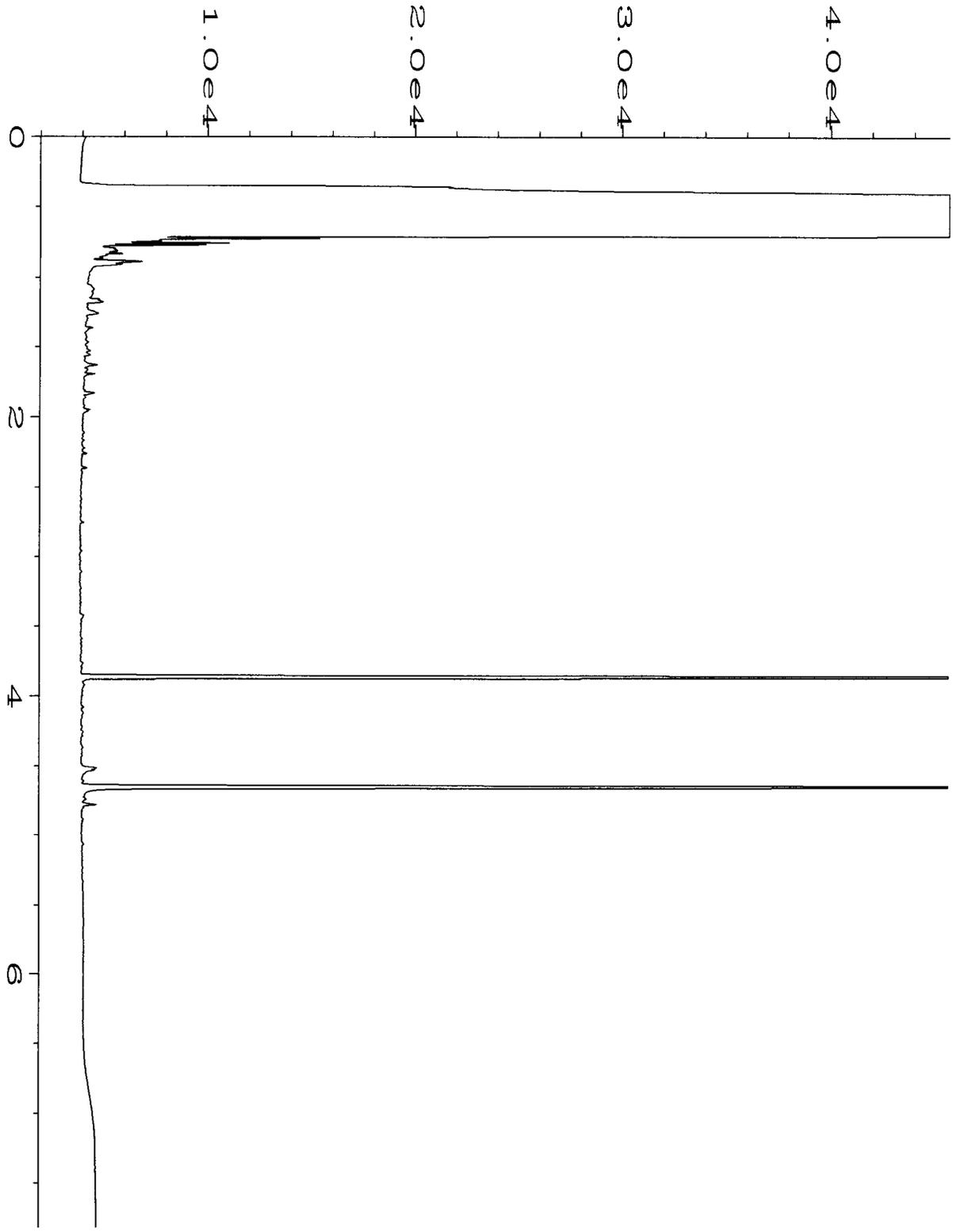
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

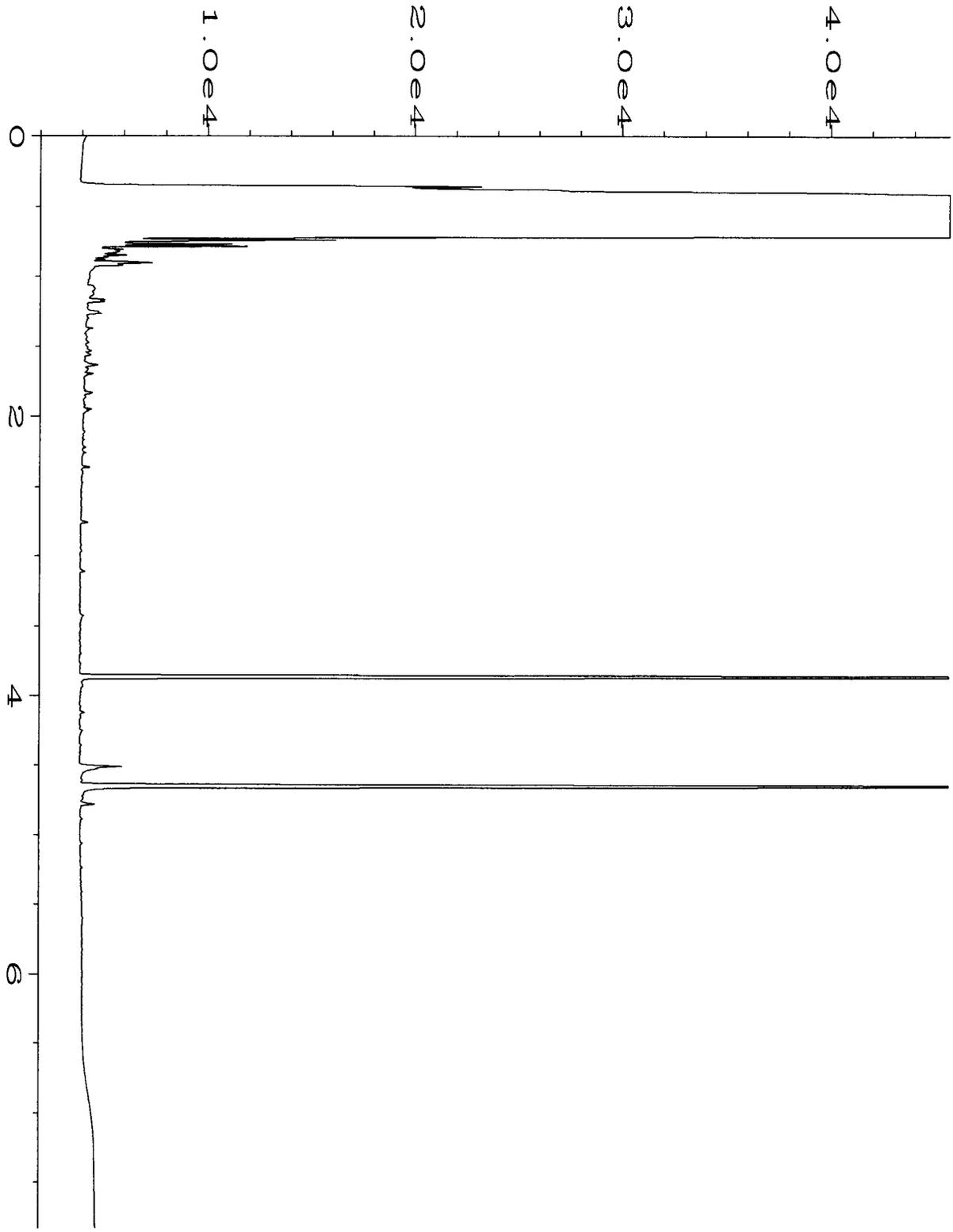
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



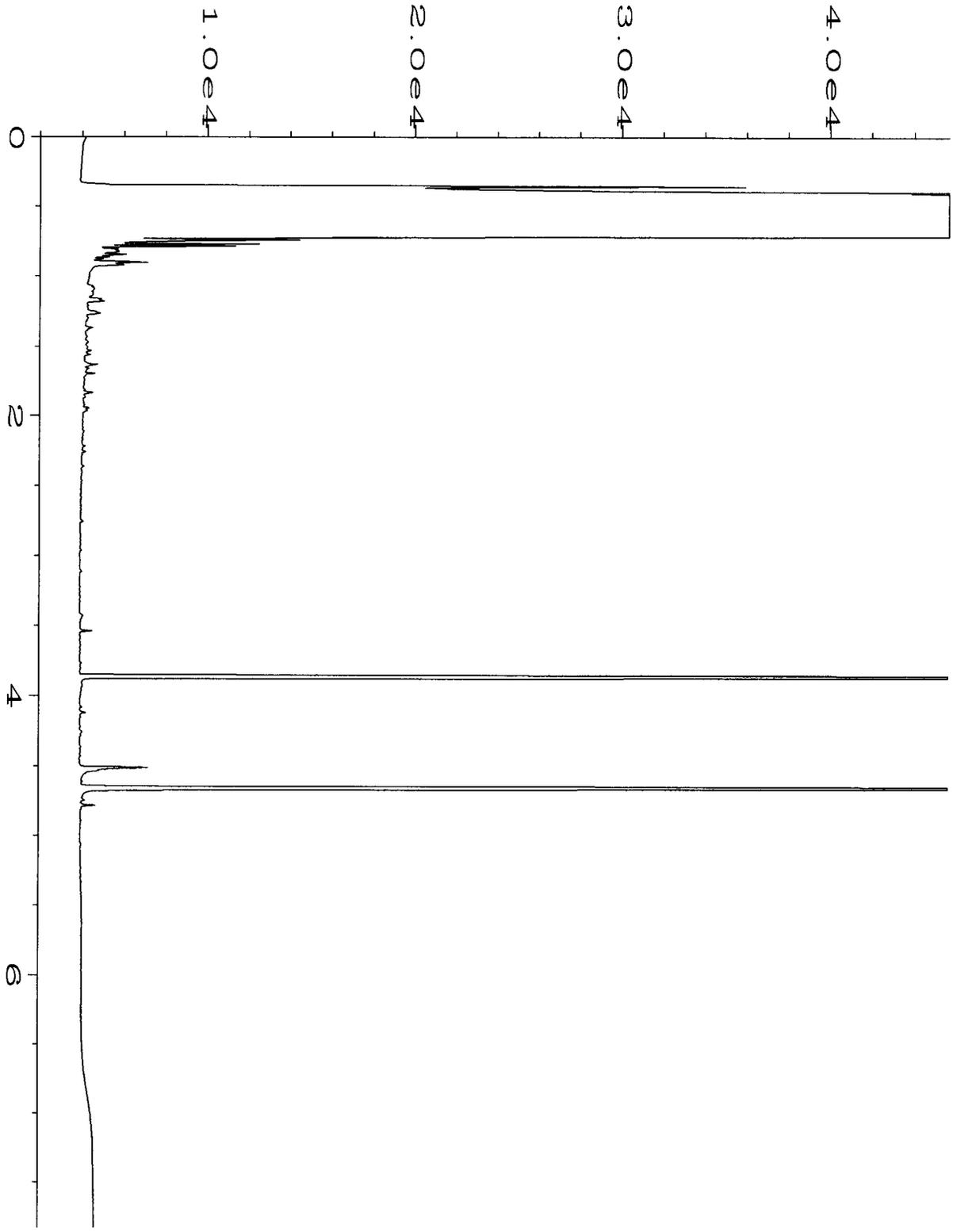
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Operator	: sp	Vial Number	: 30
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 408280-01	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 01:44 PM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:38 AM		



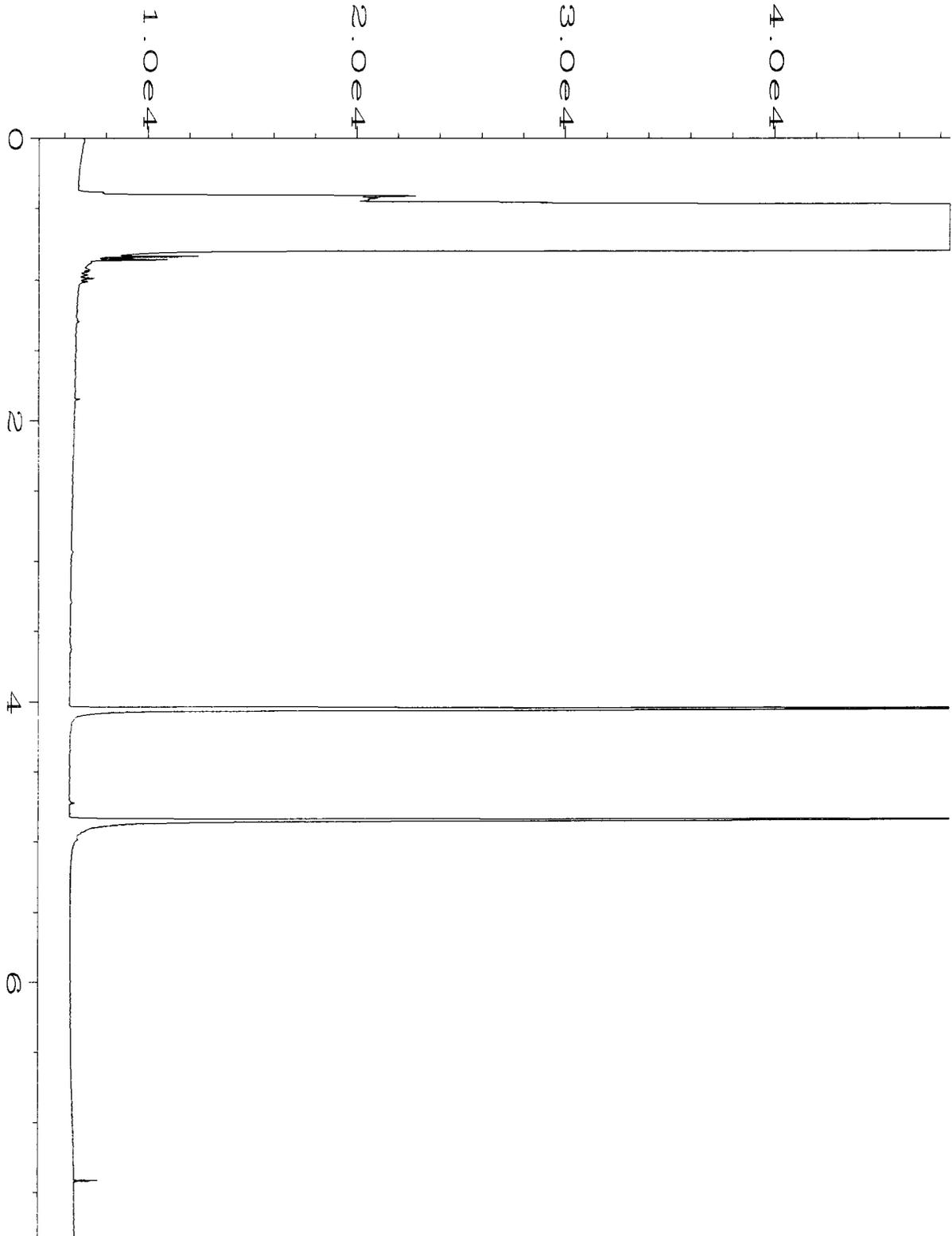
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Operator	: sp	Vial Number	: 31
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 408280-02	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 01:57 PM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:38 AM		



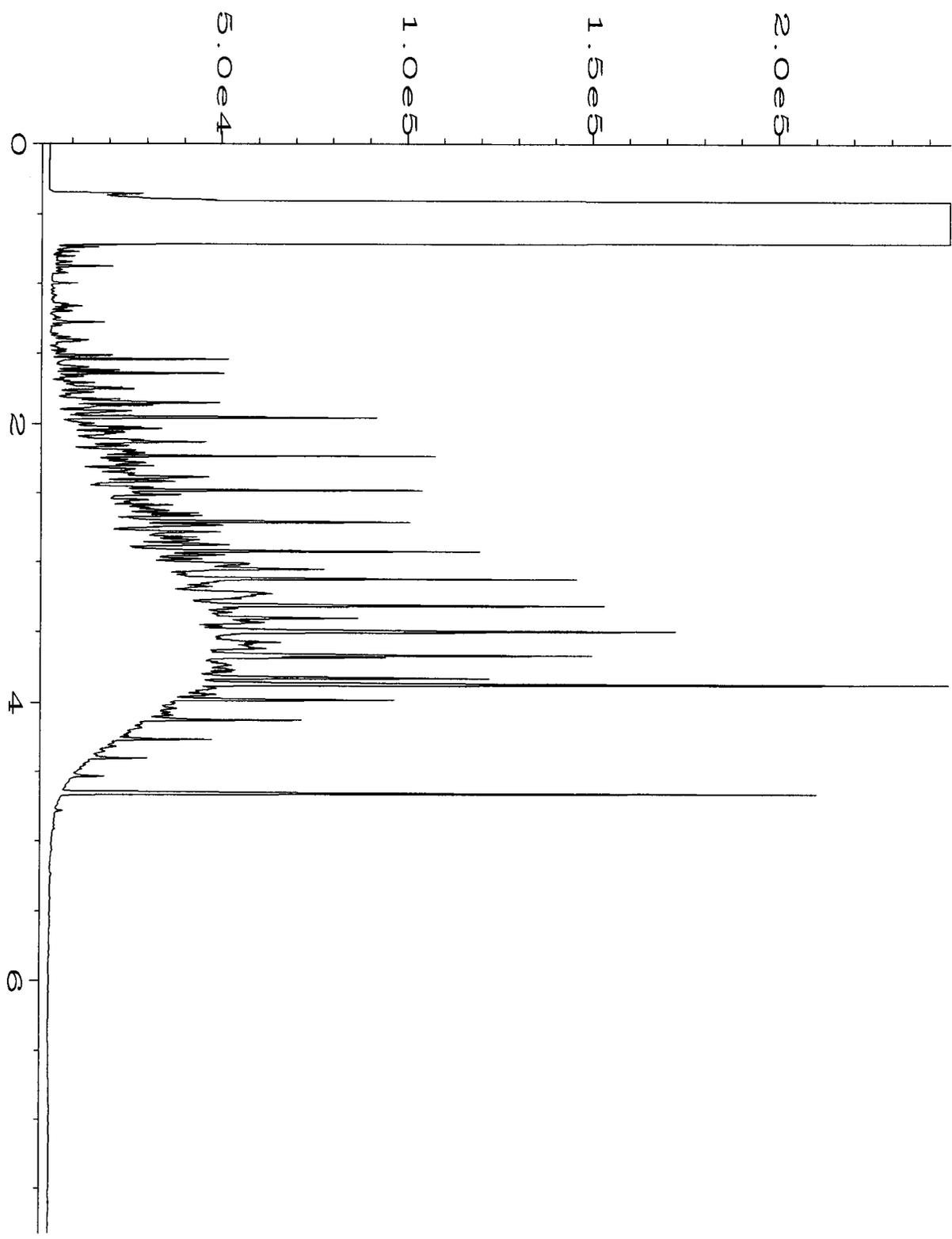
Data File Name	: C:\HPCHEM\6\DATA\08-19-14\032F0401.D	Page Number	: 1
Operator	: sp	Vial Number	: 32
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 408280-03	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 02:10 PM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:39 AM		



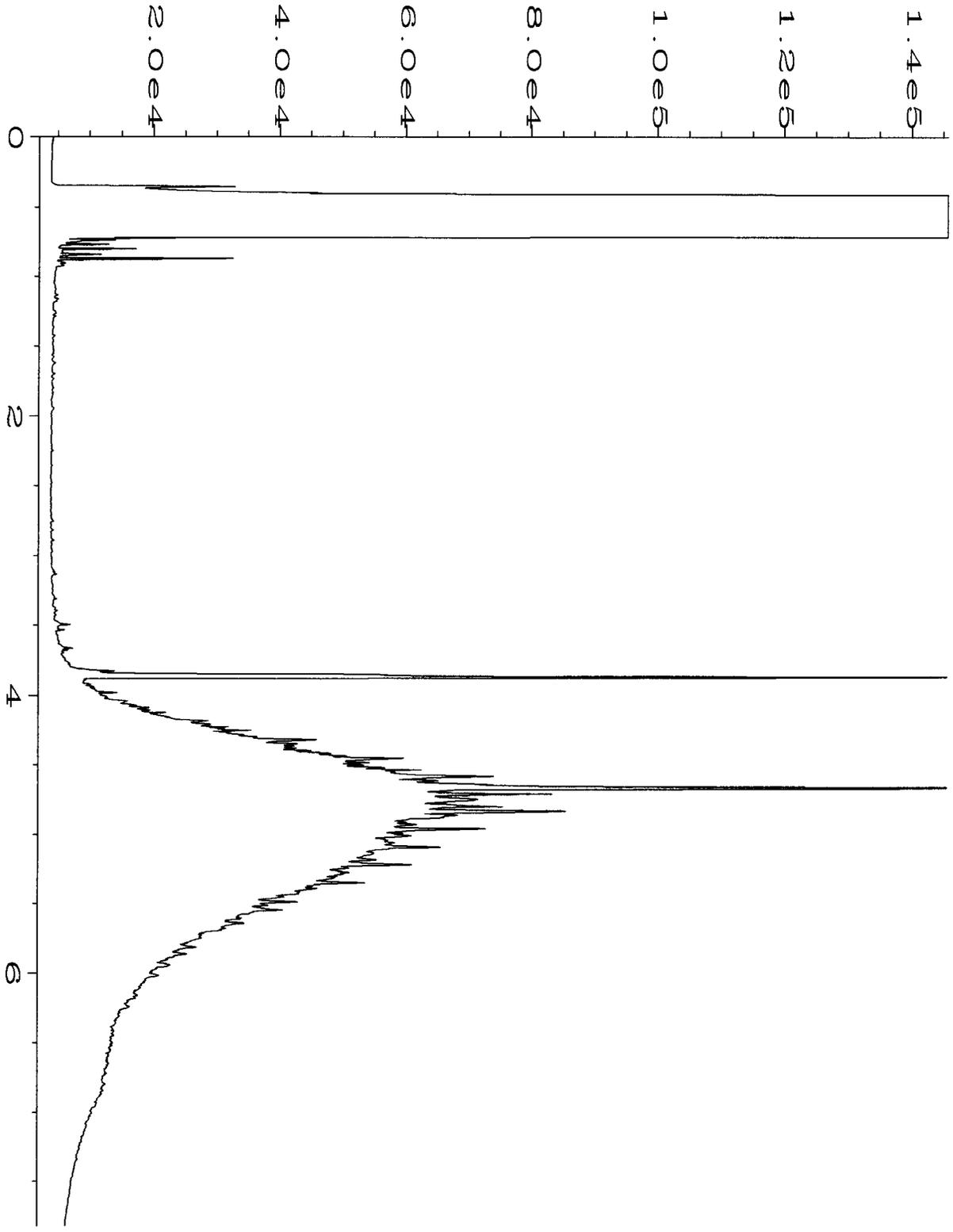
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Operator	: sp	Vial Number	: 33
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 408280-04	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 02:23 PM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:39 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-19-14\030F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 30
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1700 mb2	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 01:19 PM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:45 AM		



Data File Name	: C:\HPCHEM\6\DATA\08-19-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 08:01 AM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:38 AM		



Data File Name	: C:\HPCHEM\6\DATA\08-19-14\002F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 2
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 MO 41-165D	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Aug 14 08:14 AM	Analysis Method	: DX.MTH
Report Created on:	20 Aug 14 07:38 AM		

408280

SAMPLE CHAIN OF CUSTODY

ME 08/18/14

VSI/CO1
Page # 1 of 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH <u>5 day TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
JJ3-35	JJ3	35'	DA-E	8/18/14	1040	SOIL	5	X		X	X	
JJ3-25	JJ3	25'	DA	↓	1046	↓	5	X		X	X	
JJ1-35	JJ1	35'	DB	↓	1050	↓	5	X		X	X	
JJ1-25	JJ1	25'	DC	↓	1157	↓	5	X		X	X	

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	8/18/14	1425
Received by: <i>James Bruya</i>	JAMES BRUYA	F&B	8/18	1935
Relinquished by:				
Received by:				

Samples received at _____ °C

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

August 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 19, 2014 from the SOU_0731-004-05_20140819, F&BI 408299 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0827R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 19, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140819, F&BI 408299 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408299 -01	F1WSW-63
408299 -02	H1WSW-63
408299 -03	I1WSW-63
408299 -04	N1WSW-75

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

Date Extracted: 08/22/14

Date Analyzed: 08/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
F1WSW-63 408299-01	<2	89
H1WSW-63 408299-02	<2	91
I1WSW-63 408299-03	<2	92
Method Blank 04-1664 MB	<2	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

Date Extracted: 08/22/14

Date Analyzed: 08/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
F1WSW-63 408299-01	<50	<250	92
H1WSW-63 408299-02	<50	<250	93
I1WSW-63 408299-03	<50	<250	93
Method Blank 04-1714 MB	<50	<250	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F1WSW-63	Client:	SoundEarth Strategies
Date Received:	08/19/14	Project:	SOU_0731-004-05_20140819
Date Extracted:	08/21/14	Lab ID:	408299-01
Date Analyzed:	08/21/14	Data File:	082122.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H1WSW-63	Client:	SoundEarth Strategies
Date Received:	08/19/14	Project:	SOU_0731-004-05_20140819
Date Extracted:	08/21/14	Lab ID:	408299-02
Date Analyzed:	08/21/14	Data File:	082123.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	I1WSW-63	Client:	SoundEarth Strategies
Date Received:	08/19/14	Project:	SOU_0731-004-05_20140819
Date Extracted:	08/21/14	Lab ID:	408299-03
Date Analyzed:	08/21/14	Data File:	082124.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140819
Date Extracted:	08/21/14	Lab ID:	04-1686 mb
Date Analyzed:	08/21/14	Data File:	082111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408316-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

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

Laboratory Code: 408323-01 (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	105	105	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408272-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	60	59	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	106	107	10-176	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	81	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	86	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	76	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	80	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	79	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	85	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	87	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	78	76	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	77	77	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	80	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	79	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	84	82	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	82	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	84	33-134	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/19/14

Project: SOU_0731-004-05_20140819, F&BI 408299

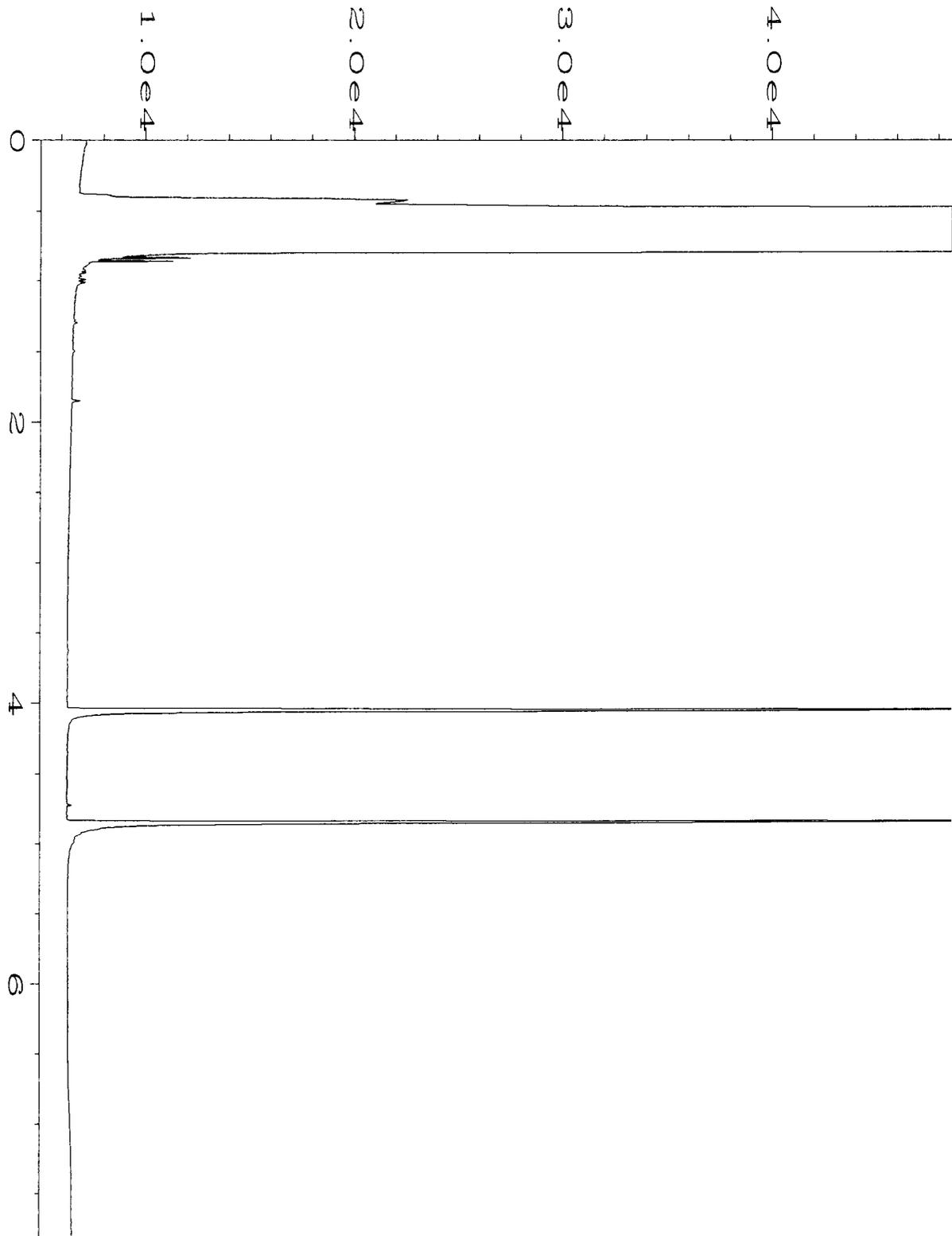
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

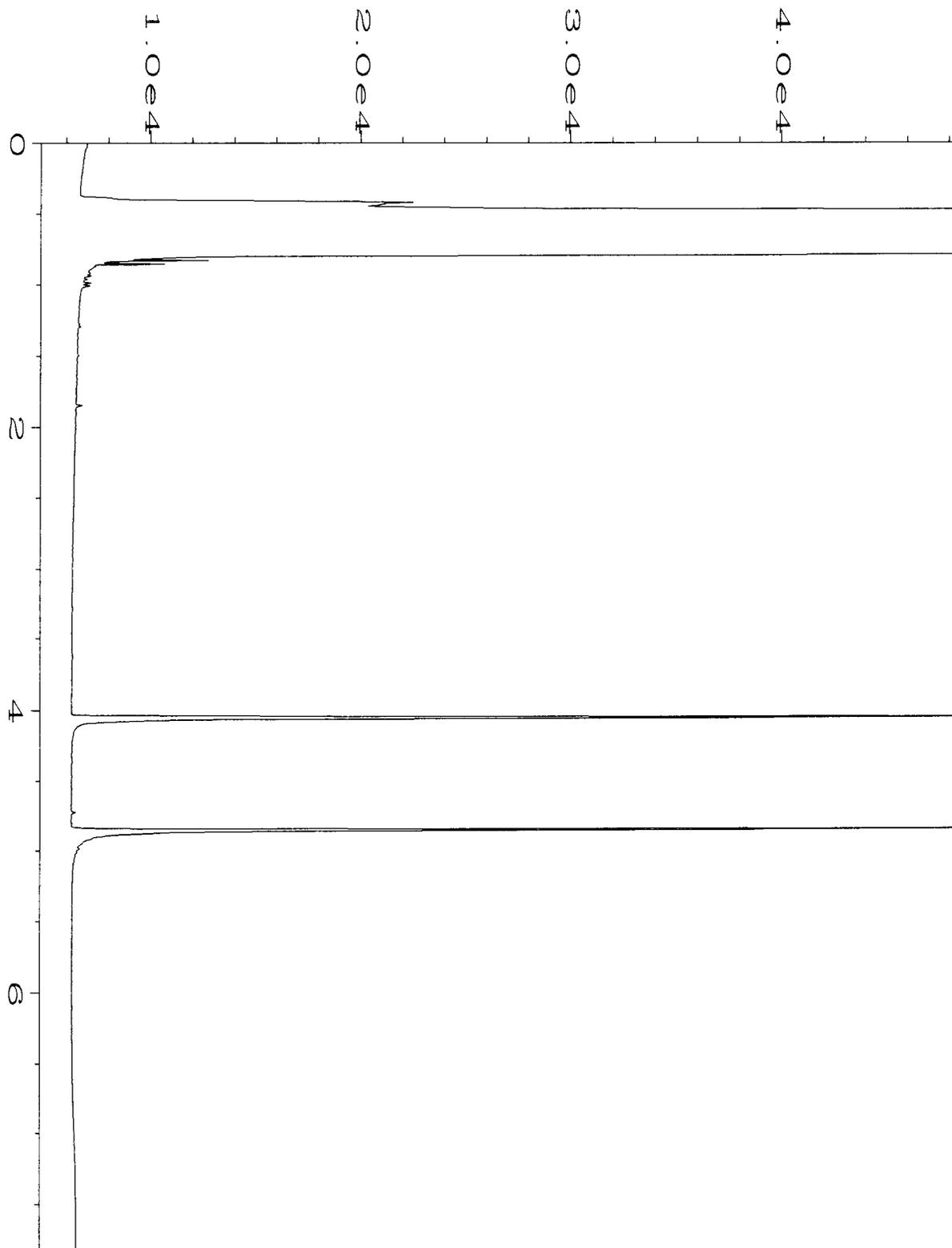
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	68	22-139
Chloroethane	mg/kg (ppm)	2.5	108	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	47-128
Methylene chloride	mg/kg (ppm)	2.5	104	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Benzene	mg/kg (ppm)	2.5	86	68-114
Trichloroethene	mg/kg (ppm)	2.5	86	64-117
Toluene	mg/kg (ppm)	2.5	91	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	93	72-114
Ethylbenzene	mg/kg (ppm)	2.5	92	64-123
m,p-Xylene	mg/kg (ppm)	5	94	78-122
o-Xylene	mg/kg (ppm)	2.5	95	77-124

Data Qualifiers & Definitions

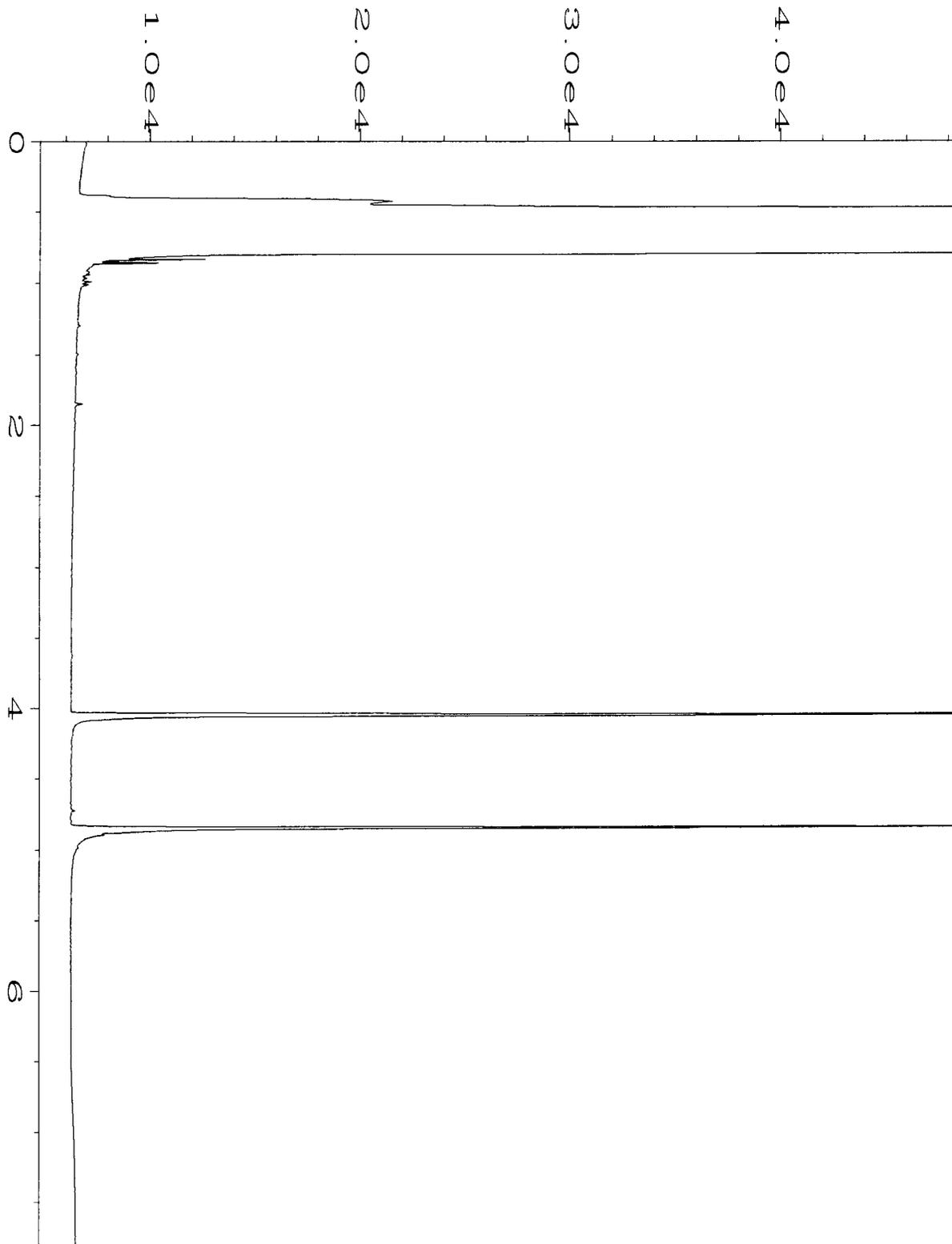
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



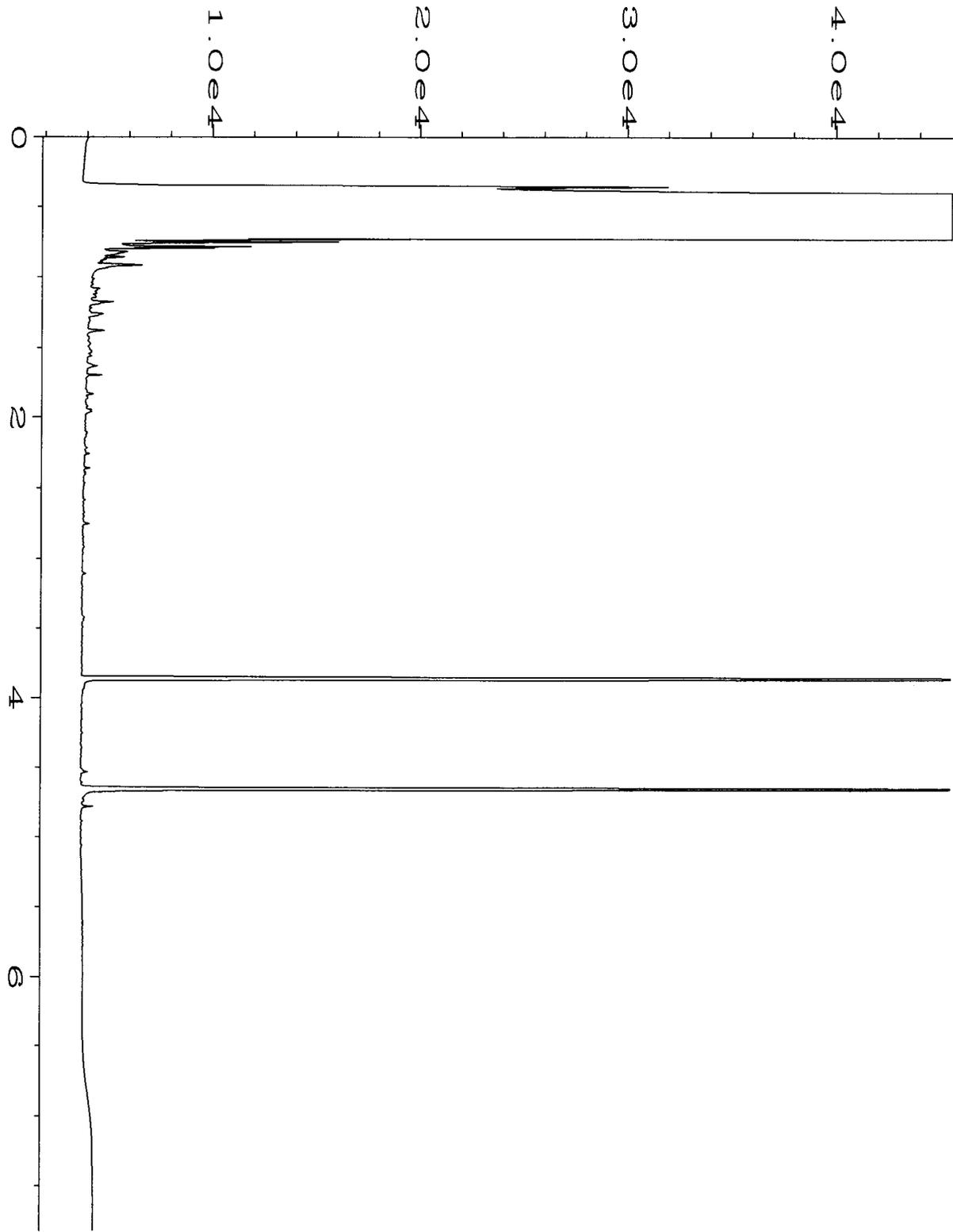
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Operator	: sp	Vial Number	: 23
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408299-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 01:01 PM	Analysis Method	: DX.MTH
Report Created on:	25 Aug 14 09:07 AM		



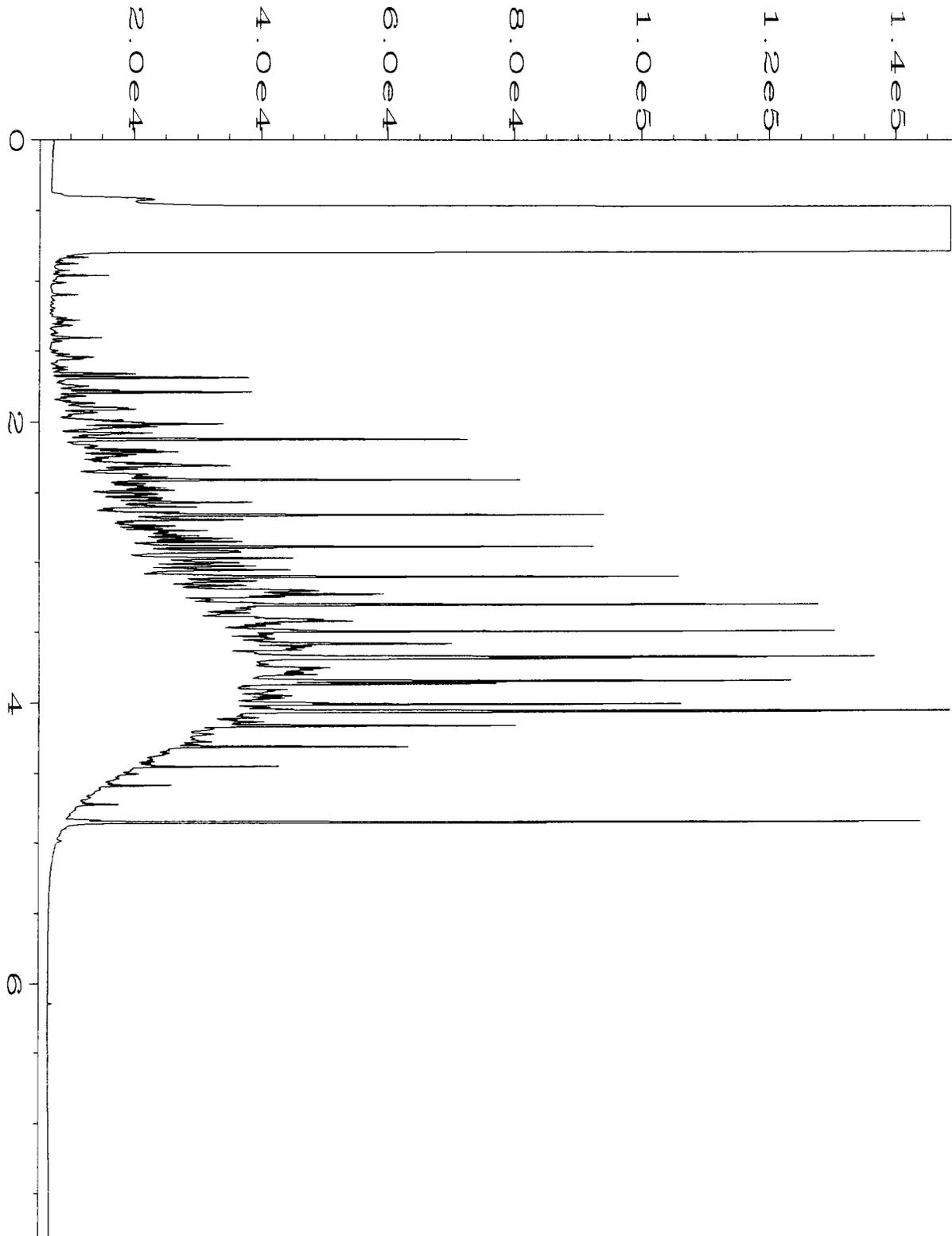
Data File Name	: C:\HPCHEM\1\DATA\08-22-14\024F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 24
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408299-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 01:13 PM	Analysis Method	: DX.MTH
Report Created on:	25 Aug 14 09:07 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-22-14\025F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 25
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408299-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 01:26 PM	Analysis Method	: DX.MTH
Report Created on:	25 Aug 14 09:07 AM		



Data File Name	: C:\HPCHEM\6\DATA\08-22-14\020F0501.D	Page Number	: 1
Operator	: sp	Vial Number	: 20
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1714 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 01:14 PM	Analysis Method	: DX.MTH
Report Created on:	25 Aug 14 08:59 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-22-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Aug 14 08:28 AM	Analysis Method	: DX.MTH
Report Created on:	25 Aug 14 09:06 AM		

408299

SAMPLE CHAIN OF CUSTODY

ME 08-19-14

1 US1 / CO1

Send Report To: Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	
REMARKS ⊗ = Run per PJK on 8/21/14	EIM Y	

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH Rush charges authorized by:	SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
FIWSW-63	F1	63'	01A-E	8/19/14	0900	SOIL	5	⊗	⊗	⊗	⊗	X	
HIWSW-63	H1	63'	02	8/19/14	0920	SOIL	5	⊗	⊗	⊗	⊗	X	
IIWSW-63	I1	63'	03	8/19/14	0935	SOIL	5	⊗	⊗	⊗	⊗	X	
NIWSW-75	N1	75'	04	8/19/14	0955	SOIL	5	⊗	⊗	⊗	⊗	X	
<i>[Handwritten signature]</i>													

sample received at 20°C on ice

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:	JONATHAN LOEFFLER	SOUNDEARTH	8/19/14	1415
Received by:	JAMES BRUYA	F&B	8/19	1415
Relinquished by:				
Received by:				

sample received at 20°C on ice

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

August 25, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 22, 2014 from the SOU_0731-004-05_20140822, F&BI 408366 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0825R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 22, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140822, F&BI 408366 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408366-01	H4-55
408366-02	H4-50
408366-03	I5-55
408366-04	I5-50
408366-05	H6-55
408366-06	H6-50
408366-07	F5-55
408366-08	Duplicate-07

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H4-55	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-01
Date Analyzed:	08/22/14	Data File:	082220.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	112	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H4-50	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-02
Date Analyzed:	08/22/14	Data File:	082221.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	129	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	I5-55	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-03
Date Analyzed:	08/22/14	Data File:	082222.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	I5-50	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-04
Date Analyzed:	08/22/14	Data File:	082223.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H6-55	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-05
Date Analyzed:	08/22/14	Data File:	082224.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	H6-50	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-06
Date Analyzed:	08/22/14	Data File:	082225.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F5-55	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-07
Date Analyzed:	08/22/14	Data File:	082226.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate-07	Client:	SoundEarth Strategies
Date Received:	08/22/14	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	408366-08
Date Analyzed:	08/22/14	Data File:	082227.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140822
Date Extracted:	08/22/14	Lab ID:	04-1718 mb
Date Analyzed:	08/22/14	Data File:	082210.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/22/14

Project: SOU_0731-004-05_20140822, F&BI 408366

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408346-17 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	55	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	71	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	72	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	85	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	81	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	87	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	86	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	88	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	88	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	86	21-139	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	89	94	20-133	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/25/14

Date Received: 08/22/14

Project: SOU_0731-004-05_20140822, F&BI 408366

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	68	22-139
Chloroethane	mg/kg (ppm)	2.5	72	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	92	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	91	62-131
Trichloroethene	mg/kg (ppm)	2.5	89	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

408366

SAMPLE CHAIN OF CUSTODY

ME 08-22-14

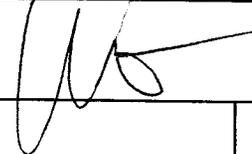
03 / ver 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

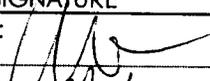
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) X RUSH <u>24</u> hr. Rush charges authorized by: <u>P. KINGSTON</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
H4-55	H4	55	01A-E	8/22/14	1325	soil	5				X	
H4-50	H4	50	02T	I	1330	soil	5				X	
I5-55	I5	55	03		1335	soil	5				X	
I5-50	I5	50	04		1340	soil	5				X	
H6-55	H6	55	05		1345	soil	5				X	
H6-50	H6	50	06		1350	soil	5				X	
F5-55	F5	55	07		1355	soil	5				X	
Duplicate 07	Duplicate	55	08		1400	soil	5				X	
CP 8/22/14												

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: 	Courtney Porter	SoundEarth	8/22/14	15 05
Received by: 	VINH	FBI	8/22/14	15 05
Relinquished by:				
Received by:				
Samples received at				4 °C

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

August 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 25, 2014 from the SOU_0731-004-05_20140825, F&BI 408386 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0826R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140825, F&BI 408386 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408386-01	W14-70
408386-02	W14-65
408386-03	W14-60
408386-04	T14-70
408386-05	T14-65
408386-06	T14-60
408386-07	T14-55
408386-08	Q14-70
408386-09	Q14-65
408386-10	Q14-60
408386-11	Q14-55
408386-12	W16-70
408386-13	W16-65
408386-14	W16-60
408386-15	W16-55

Methylene chloride was detected in the analysis of sample W16-60. The result was likely due to laboratory contamination and the data were qualified accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W14-70	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-01
Date Analyzed:	08/26/14	Data File:	082605.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	82	129
Toluene-d8	107	23	185
4-Bromofluorobenzene	241 ip	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.055
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	0.029
Tetrachloroethene	0.65

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T14-70	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-04
Date Analyzed:	08/25/14	Data File:	082531.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	82	129
Toluene-d8	97	23	185
4-Bromofluorobenzene	97	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T14-65	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-05
Date Analyzed:	08/25/14	Data File:	082532.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	82	129
Toluene-d8	97	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T14-60	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-06
Date Analyzed:	08/25/14	Data File:	082533.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T14-55	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-07
Date Analyzed:	08/25/14	Data File:	082534.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	99	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q14-70	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-08
Date Analyzed:	08/26/14	Data File:	082535.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q14-65	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-09
Date Analyzed:	08/26/14	Data File:	082536.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q14-60	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-10
Date Analyzed:	08/26/14	Data File:	082537.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	99	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q14-55	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-11
Date Analyzed:	08/26/14	Data File:	082538.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-70	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-12
Date Analyzed:	08/26/14	Data File:	082539.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	94	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	99	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-65	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-13
Date Analyzed:	08/26/14	Data File:	082540.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	97	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-60	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-14
Date Analyzed:	08/26/14	Data File:	082541.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	99	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	0.54 lc
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W16-55	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	408386-15
Date Analyzed:	08/26/14	Data File:	082542.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140825
Date Extracted:	08/25/14	Lab ID:	04-1721 mb
Date Analyzed:	08/25/14	Data File:	082526.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408386

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408303-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	64	62	10-80	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	69	9-92	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	82	11-98	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	87	88	23-111	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	88	23-103	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	89	91	31-104	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	99	99	34-107	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	88	88	44-98	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	86	85	27-106	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	87	38-101	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	79	78	32-104	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/26/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408386

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	68	29-137
Chloroethane	mg/kg (ppm)	2.5	73	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	56-126
Methylene chloride	mg/kg (ppm)	2.5	89	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	92	70-123
Trichloroethene	mg/kg (ppm)	2.5	95	73-118
Tetrachloroethene	mg/kg (ppm)	2.5	96	75-117

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

408386

SAMPLE CHAIN OF CUSTODY

ME 8/25/14 CII/Vs3

Send Report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

TURNAROUND TIME

Standard (2 Weeks)
X RUSH 24 hrs

Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
W14-70	W14	70	01A-E	8/25/14	1520	Soil	5				X		
W14-65	W14	65	02A-D	↓	1525	↓	↓						
W14-60	W14	60	03A-D		1530								
W14-70	T14	70	04A-D		1540								
T14-65	T14	65	05A-D		1545								
T14-60	T14	60	06A-D		1550								
T14-55	T14	55	07A-D		1555								
W14-70	N14	70	08A-D		1600								
W14-65	N14	65	09A-D		1605								
W14-60	N14	60	10A-D		1610								
W14-55	N14	55	11A-D		↓								↓
W16-70	W16	70	12A-D	8/25/14	1625	Soil	4				X	samples received at 4°C	
W16-65	W16	65	13A-D	↓	1630	↓	↓				X		

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
<i>[Signature]</i>	Pete Kingston	SoundEarth	8/25/14	1645
<i>[Signature]</i>	Matt Lusk	FB Tar	8/25/14	1645
Relinquished by:				
Received by:				

408386

SAMPLE CHAIN OF CUSTODY

ME 8/25/14

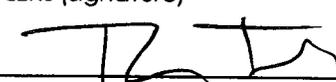
CE1/V33

Send Report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 2 of 2

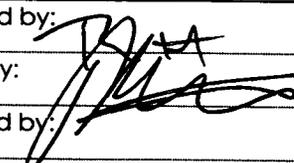
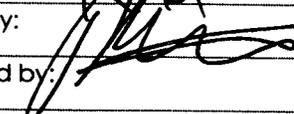
TURNAROUND TIME
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
W16-60	W16	60	14A-D	8/25/14	1635	soil	4				X	
W16-55	W16	55	15A-D	L	1640	soil	4				X	
CP 8/25/14												

Samples received at 14 °C

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: 	Pete Kingston	SoundEarth	8/25/14	1645
Received by: 	Matt Lyster	Fisher	8/25/14	1645
Relinquished by:				
Received by:				

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

September 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 25, 2014 from the SOU_0731-004-05_20140825, F&BI 408387 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0910R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140825, F&BI 408387 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408387 -01	JJ14SSW-95
408387 -02	S1WSW-77
408387 -03	U1WSW-77

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408387

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-95 408387-01	<2	105
U1WSW-77 408387-03	<2	104
Method Blank 04-1787 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408387

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ14SSW-95 408387-01	<50	<250	105
U1WSW-77 408387-03	<50	<250	104
Method Blank 04-1799 MB	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-95	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825, F&BI 408387
Date Extracted:	09/03/14	Lab ID:	408387-01
Date Analyzed:	09/03/14	Data File:	090319.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-77	Client:	SoundEarth Strategies
Date Received:	08/25/14	Project:	SOU_0731-004-05_20140825, F&BI 408387
Date Extracted:	09/03/14	Lab ID:	408387-03
Date Analyzed:	09/03/14	Data File:	090320.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140825, F&BI 408387
Date Extracted:	09/03/14	Lab ID:	04-1766 mb
Date Analyzed:	09/03/14	Data File:	090314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408387

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409027-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408387

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

Laboratory Code: 409039-01 (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	108	108	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/25/14

Project: SOU_0731-004-05_20140825, F&BI 408387

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408467-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	48	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	65	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	55	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	65	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	78	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	78	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	69	10-156	6
Benzene	mg/kg (ppm)	2.5	<0.03	68	65	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	67	65	21-139	3
Toluene	mg/kg (ppm)	2.5	0.59	61 b	60 b	35-130	2 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	50	48	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	1.8	58 b	57 b	32-137	2 b
m,p-Xylene	mg/kg (ppm)	5	13	56 b	59 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	7.0	63 b	61 b	33-134	3 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	83	22-139
Chloroethane	mg/kg (ppm)	2.5	94	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	110	62-131
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Toluene	mg/kg (ppm)	2.5	99	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

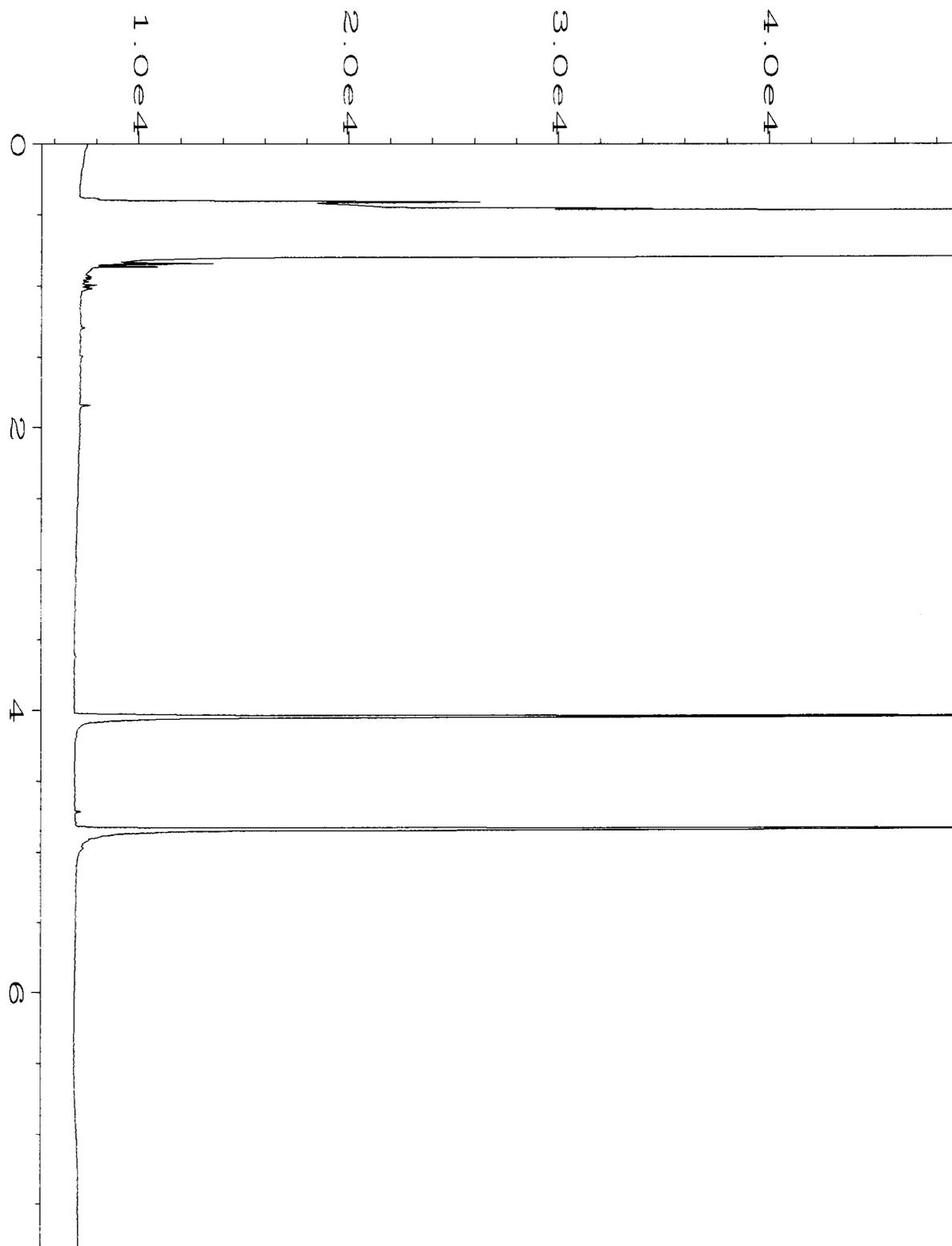
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

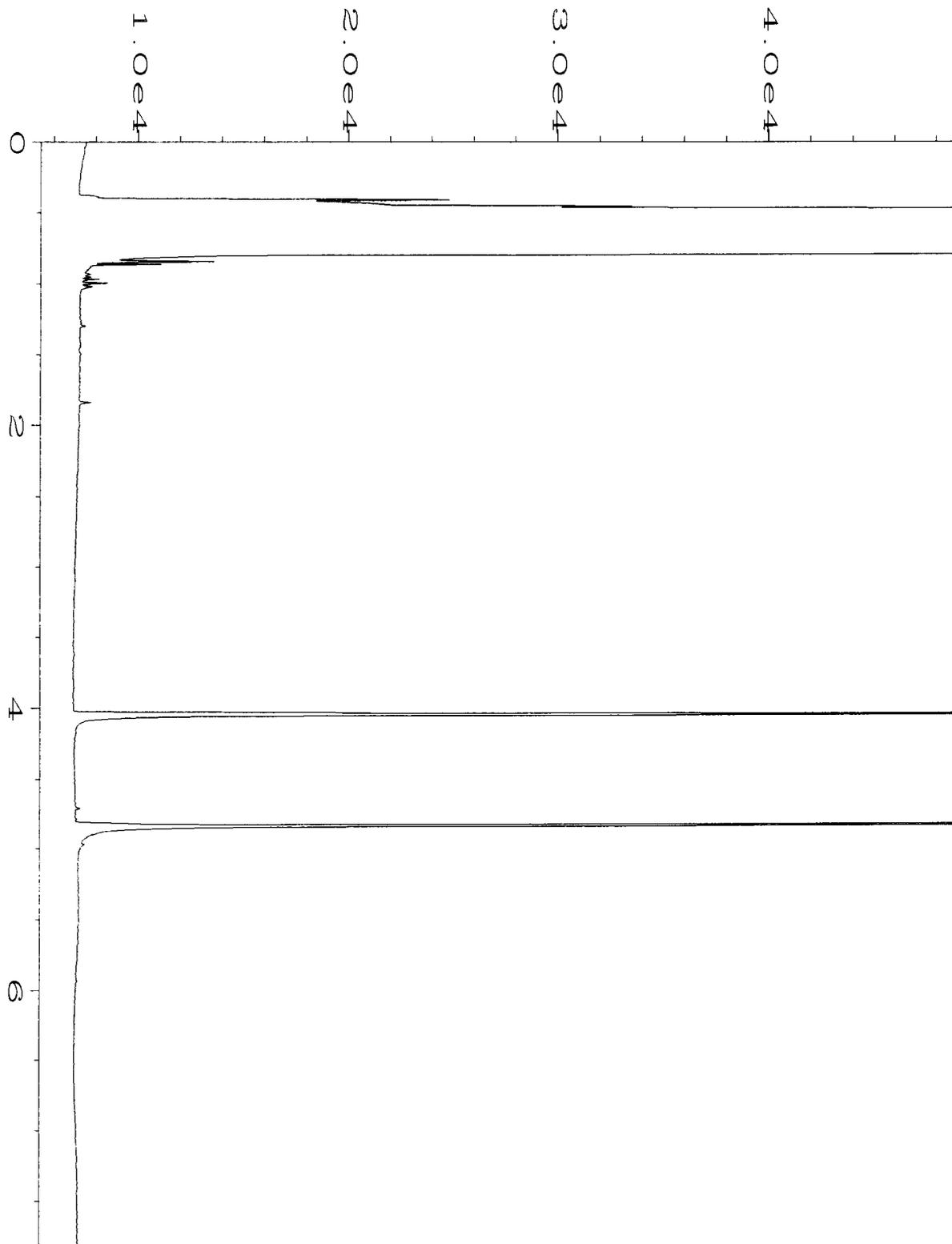
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

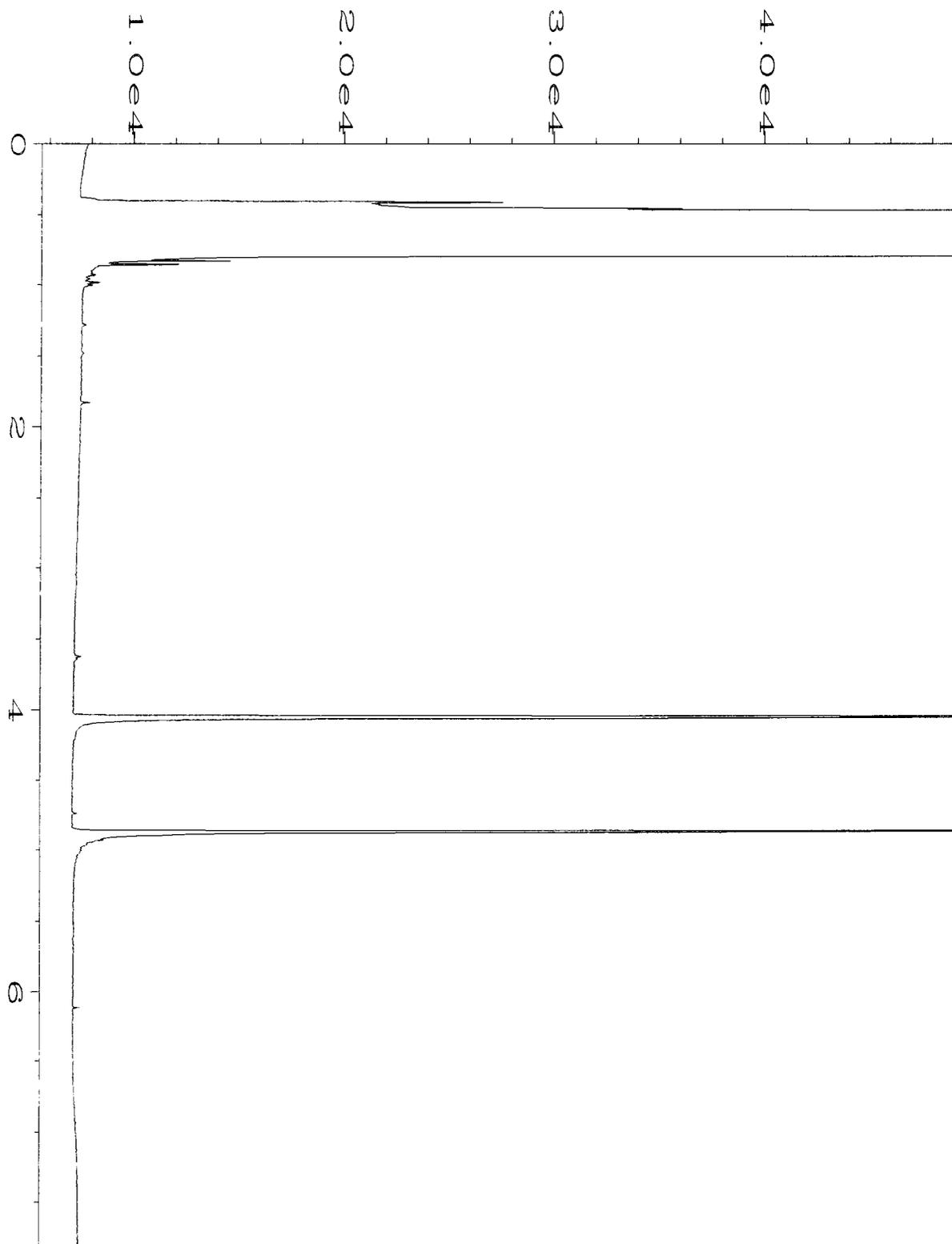
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



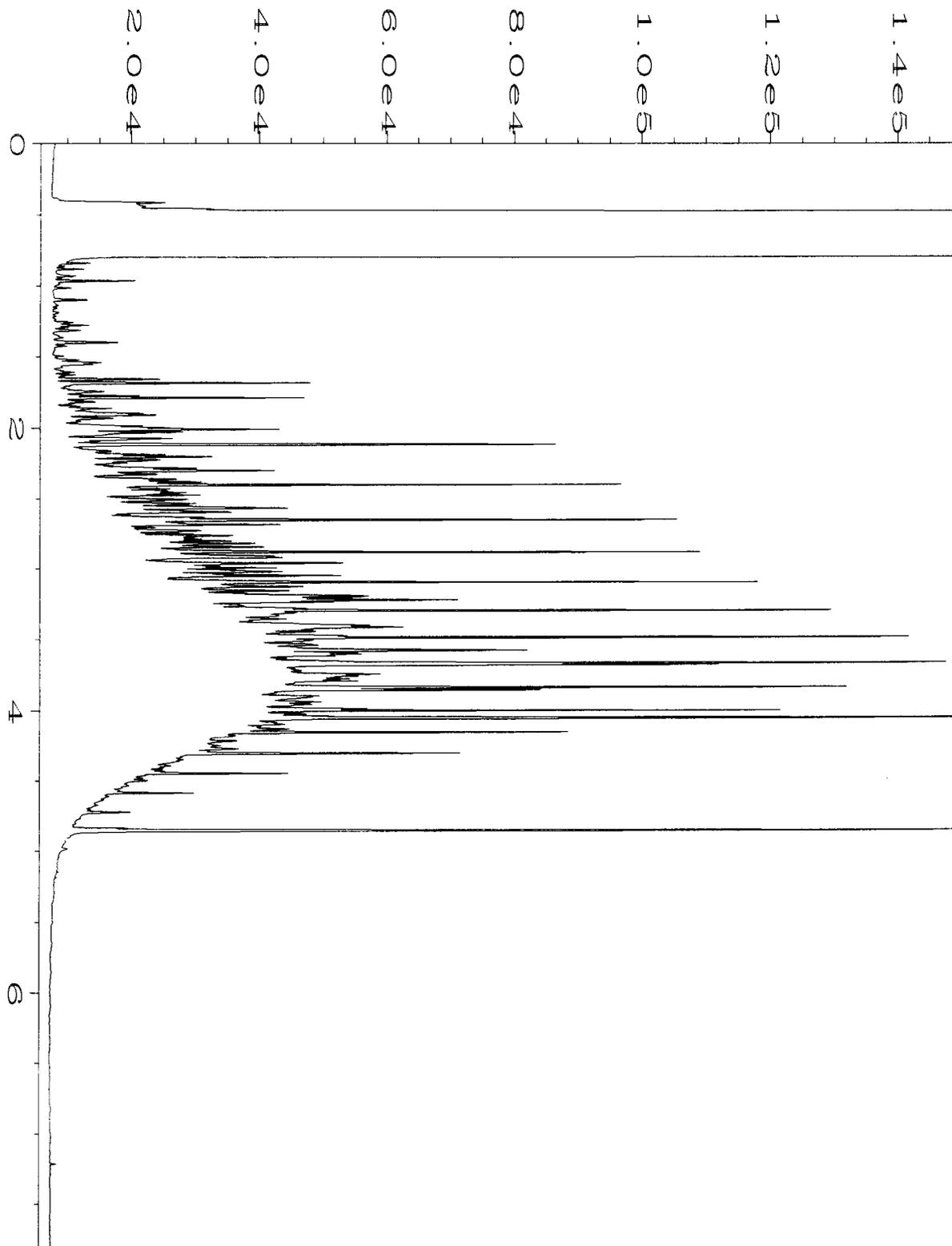
Data File Name	: C:\HPCHEM\1\DATA\09-04-14\019F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408387-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 01:09 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 03:04 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\020F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408387-03	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 01:22 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 03:04 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1799 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	05 Sep 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 08:52 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:12 PM		

408387

SAMPLE CHAIN OF CUSTODY

ME 08/25/14

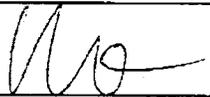
COI / USI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

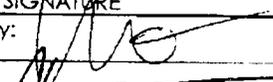
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
REMARKS ⊗ = Ren for PK on 9/3/14	EIM Y	SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
JJ14SSW-95	JJ14	95	016	8/25/14	0750	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
S1WSW-77	S1	77	02	8/25/14	0825	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
U1WSW-77	U1	77	03	8/25/14	0830	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CP 8/25/14												
Samples received at <u>4 °C</u>												

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
	Courtney Porter	SoundEarth	8/25/14	1630
	Michelle Linder	FBI	8/25/14	1645

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

August 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 26, 2014 from the SOU_0731-004-05_20140826, F&BI 408410 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU0827R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140826, F&BI 408410 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408410-01	N14-70
408410-02	N14-65
408410-03	N14-60
408410-04	Duplicate 08
408410-05	N14-55
408410-06	Y14-70
408410-07	Z14-70
408410-08	Z14-65
408410-09	Z14-60
408410-10	Z14-55

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N14-70	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-01
Date Analyzed:	08/26/14	Data File:	082624.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N14-65	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-02
Date Analyzed:	08/26/14	Data File:	082625.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N14-60	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-03
Date Analyzed:	08/26/14	Data File:	082626.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 08	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-04
Date Analyzed:	08/26/14	Data File:	082627.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z14-70	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-07
Date Analyzed:	08/26/14	Data File:	082628.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z14-65	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-08
Date Analyzed:	08/26/14	Data File:	082629.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z14-60	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-09
Date Analyzed:	08/26/14	Data File:	082630.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z14-55	Client:	SoundEarth Strategies
Date Received:	08/26/14	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	408410-10
Date Analyzed:	08/26/14	Data File:	082631.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	93	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140826
Date Extracted:	08/26/14	Lab ID:	04-1723 mb
Date Analyzed:	08/26/14	Data File:	082623.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/26/14

Project: SOU_0731-004-05_20140826, F&BI 408410

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408410-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	49	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	64	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	71	11-103	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	83	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	79	13-112	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	81	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	85	22-124	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	80	27-112	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	81	30-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	86	85	27-110	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/27/14

Date Received: 08/26/14

Project: SOU_0731-004-05_20140826, F&BI 408410

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	62	42-107
Chloroethane	mg/kg (ppm)	2.5	74	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	78	65-110
Methylene chloride	mg/kg (ppm)	2.5	92	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	92	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Trichloroethene	mg/kg (ppm)	2.5	88	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	94	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

40840

SAMPLE CHAIN OF CUSTODY ME 8/26/14

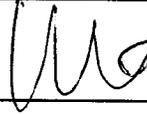
VS2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State: ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

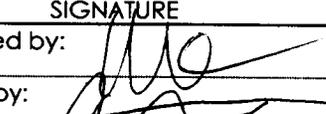
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr TAT
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
N14-70	N14	70	01A	8/26/14	1330						X		
N14-65	N14	65	02		1335						X		
N14-60	N14	60	03		1340						X		
Duplicate 03	Duplicate	60	04		1345						X		
N14-55	N14	55	05		1350							X	
Y14-70	Y14	70	06	8/26/14	1410							X	
Z14-70	Z14	70	07		1415						X		
Z14-65	Z14	65	08		1420						X		
Z14-60	Z14	60	09		1425						X		
Z14-55	Z14	55	10		1430						X		
								(P) 8/26/14					

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
	Courtney Porter	SoundEarth	8/26/14	1530
	Mark Bruya	FBK	8/26/14	1530
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

Samples received at LB °C

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

September 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 28, 2014 from the SOU_0731-004-05_20140828, F&BI 408462 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0908R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 28, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140828, F&BI 408462 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
408462 -01

SoundEarth Strategies
JJ14SSW-89

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408462

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-89 408462-01	<2	104
Method Blank 04-1787 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408462

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ14SSW-89 408462-01	<50	<250	103
Method Blank 04-1798 MB	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-89	Client:	SoundEarth Strategies
Date Received:	08/28/14	Project:	SOU_0731-004-05_20140828, F&BI 408462
Date Extracted:	09/03/14	Lab ID:	408462-01
Date Analyzed:	09/03/14	Data File:	090317.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140828, F&BI 408462
Date Extracted:	09/03/14	Lab ID:	04-1766 mb
Date Analyzed:	09/03/14	Data File:	090314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408462

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409027-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408462

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

Laboratory Code: 408462-01 (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	115	131	63-146	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	118	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408462

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408467-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	48	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	65	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	55	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	65	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	78	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	78	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	69	10-156	6
Benzene	mg/kg (ppm)	2.5	<0.03	68	65	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	67	65	21-139	3
Toluene	mg/kg (ppm)	2.5	0.59	61 b	60 b	35-130	2 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	50	48	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	1.8	58 b	57 b	32-137	2 b
m,p-Xylene	mg/kg (ppm)	5	13	56 b	59 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	7.0	63 b	61 b	33-134	3 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	83	22-139
Chloroethane	mg/kg (ppm)	2.5	94	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	110	62-131
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Toluene	mg/kg (ppm)	2.5	99	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

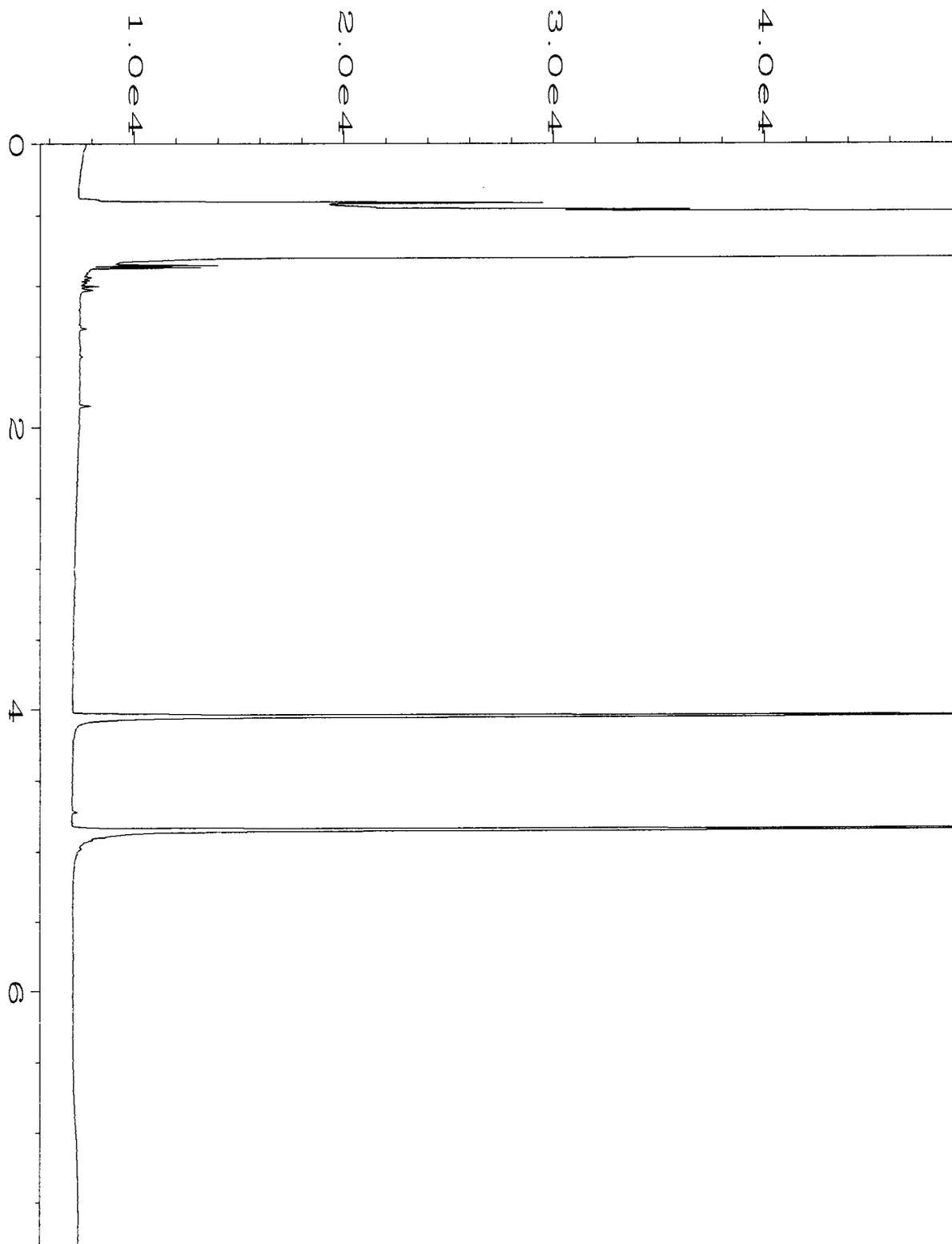
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

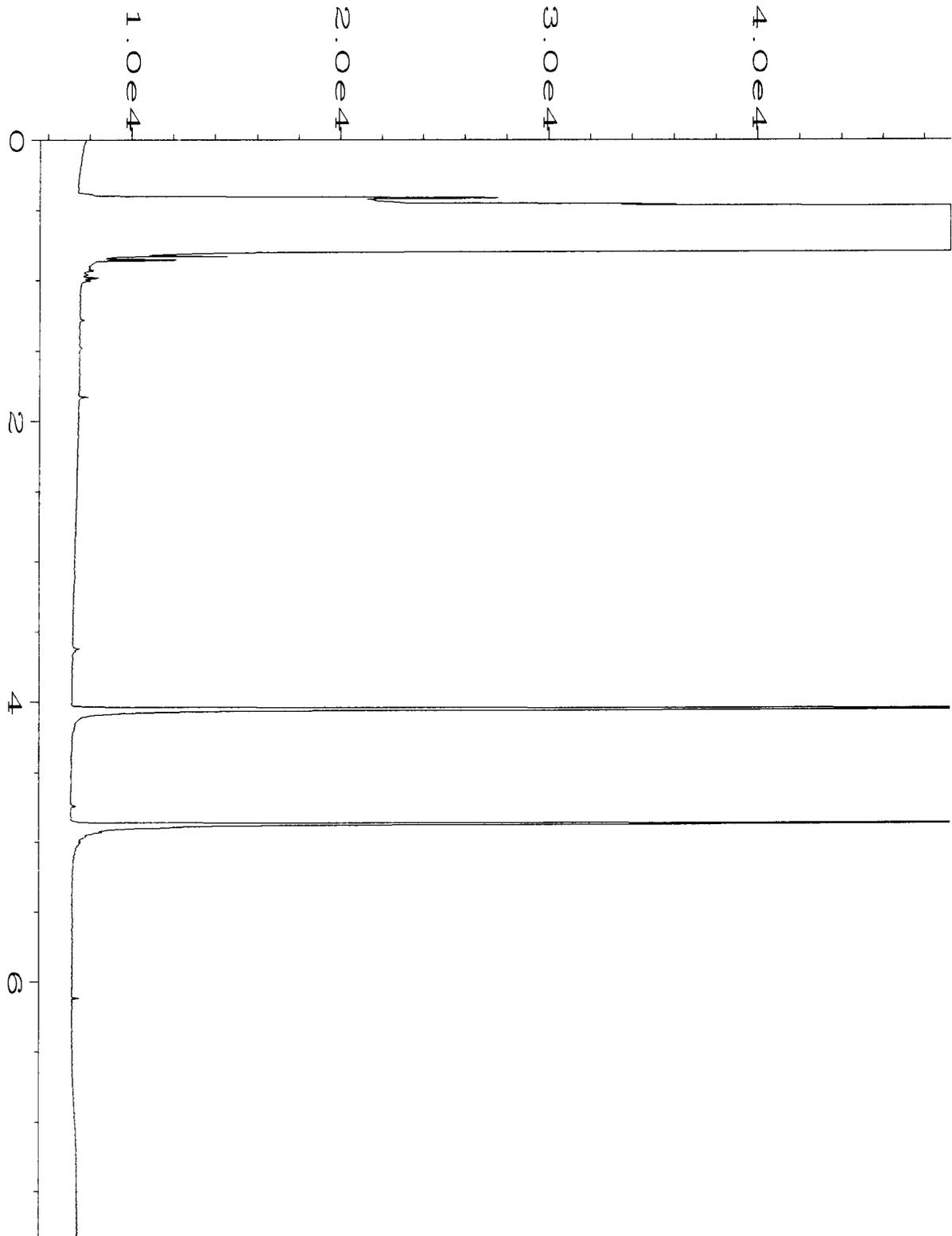
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

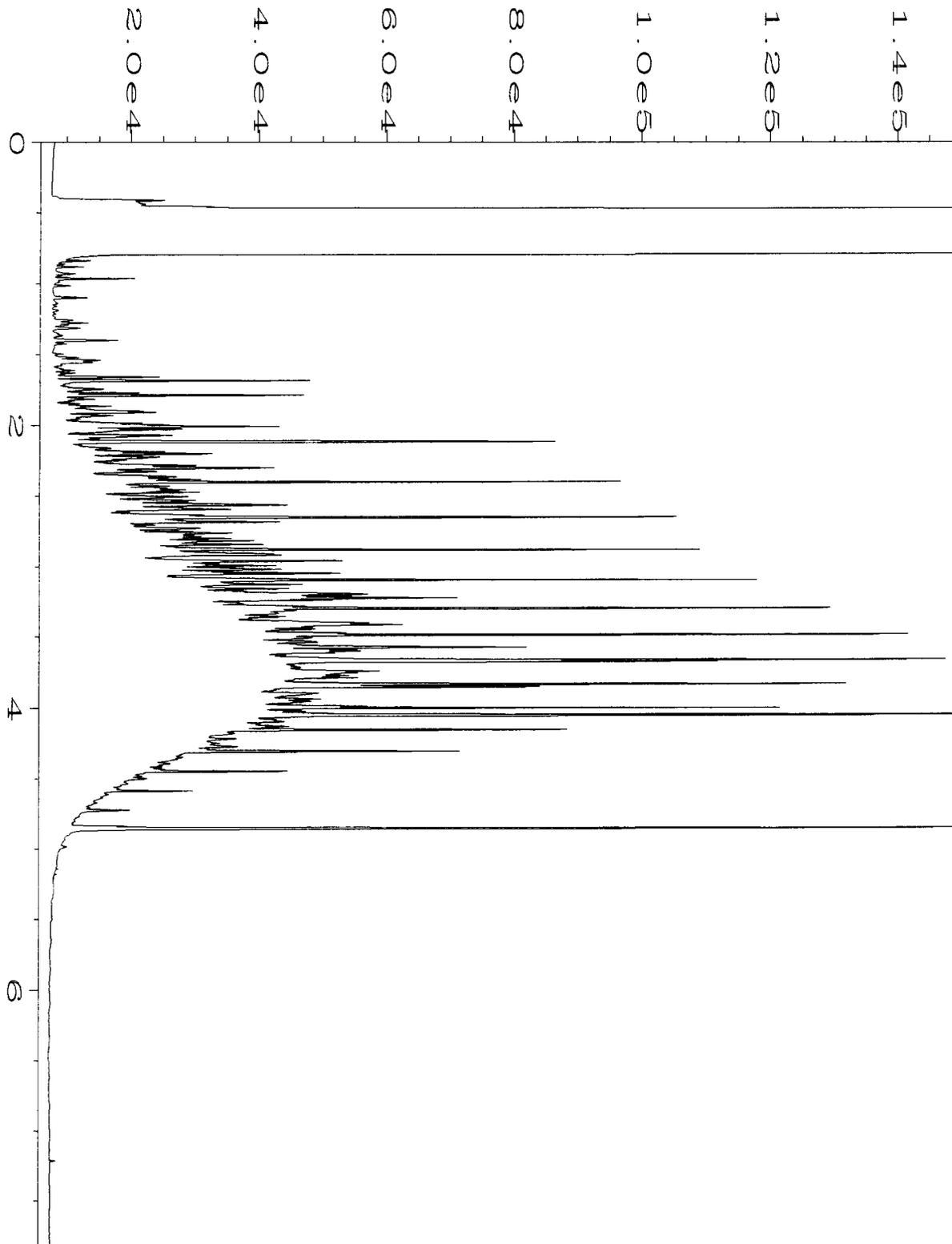
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408462-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 10:18 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:13 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1799 mb	Sequence Line	: 3
Run Time Bar Code:	1798 SP 09/04/14	Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:12 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 08:52 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:12 PM		

408462

SAMPLE CHAIN OF CUSTODY

ME 08/28/14

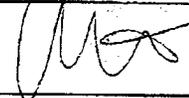
Page # 1 of 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

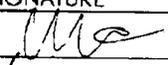
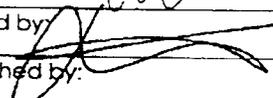
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per FTR on 9/3/14	EIM Y

TURNAROUND TIME	
<input checked="" type="checkbox"/> Standard (2 Weeks)	RUSH _____
Rush charges authorized by: _____	
SAMPLE DISPOSAL	
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ14SSW-89	JJ14	89	01AE	8/27/14	0745	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
Op 8/27/14													

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: 	Courtney Porter	SoundEarth	8/28/14	1435
Received by: 	Anthony...	FBI...	8/28/14	1435
Relinquished by:				
Received by:				

Samples received at 4:00

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

September 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 28, 2014 from the SOU_0731-004-05_20140828, F&BI 408463 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0908R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 28, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140828, F&BI 408463 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
408463 -01	A21NSW-65
408463 -02	JJ14SSW-85

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408463

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-85 408463-02	<2	104
Method Blank 04-1787 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408463

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ14SSW-85 408463-02	<50	<250	115
Method Blank 04-1799 MB	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-85	Client:	SoundEarth Strategies
Date Received:	08/28/14	Project:	SOU_0731-004-05_20140828, F&BI 408463
Date Extracted:	09/03/14	Lab ID:	408463-02
Date Analyzed:	09/03/14	Data File:	090318.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140828, F&BI 408463
Date Extracted:	09/03/14	Lab ID:	04-1766 mb
Date Analyzed:	09/03/14	Data File:	090314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408463

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409027-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408463

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

Laboratory Code: 409039-01 (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	108	108	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 08/28/14

Project: SOU_0731-004-05_20140828, F&BI 408463

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408467-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	48	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	65	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	55	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	65	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	78	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	78	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	69	10-156	6
Benzene	mg/kg (ppm)	2.5	<0.03	68	65	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	67	65	21-139	3
Toluene	mg/kg (ppm)	2.5	0.59	61 b	60 b	35-130	2 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	50	48	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	1.8	58 b	57 b	32-137	2 b
m,p-Xylene	mg/kg (ppm)	5	13	56 b	59 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	7.0	63 b	61 b	33-134	3 b

Laboratory Code: Laboratory Control Sample

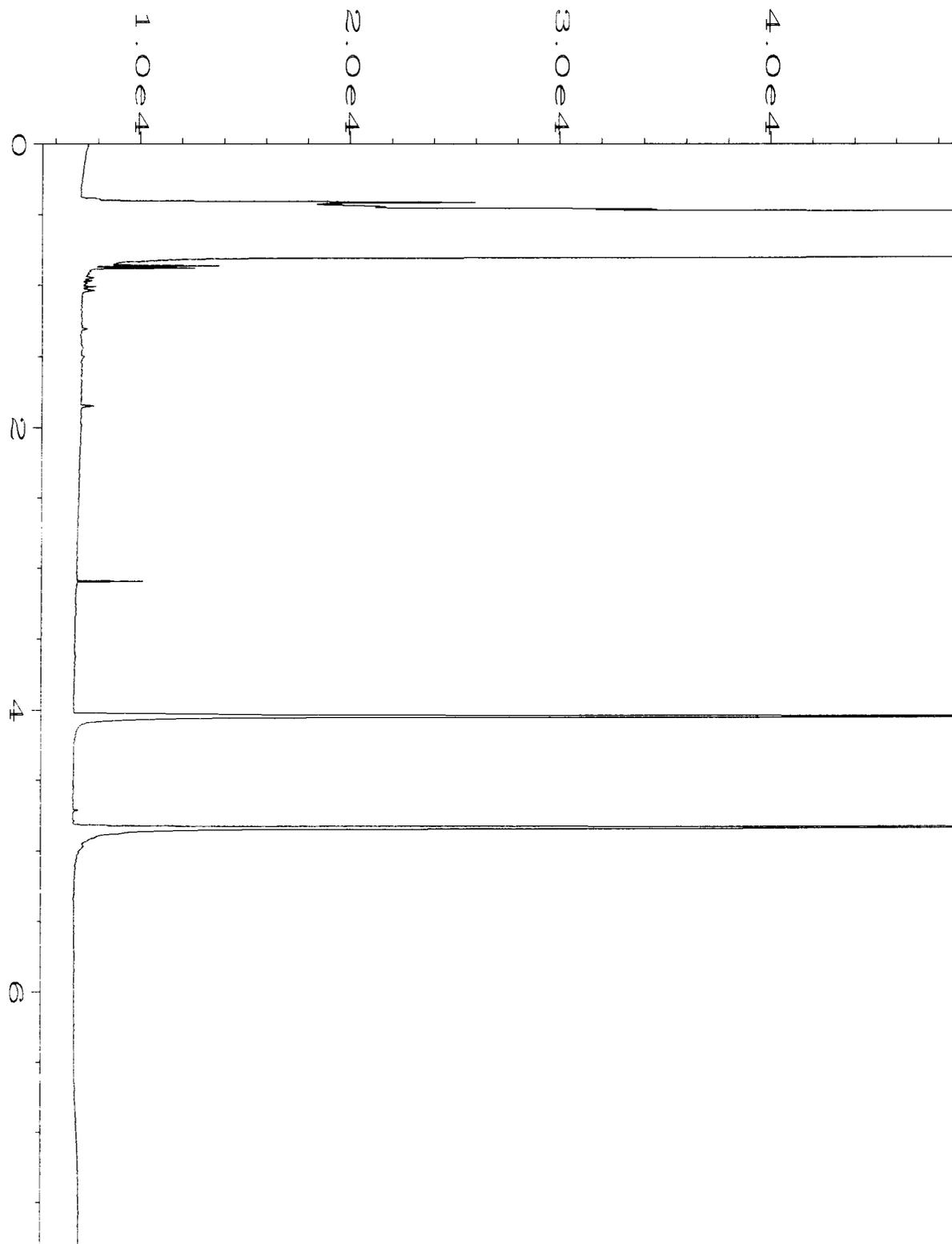
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	83	22-139
Chloroethane	mg/kg (ppm)	2.5	94	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	110	62-131
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Toluene	mg/kg (ppm)	2.5	99	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124

FRIEDMAN & BRUYA, INC.

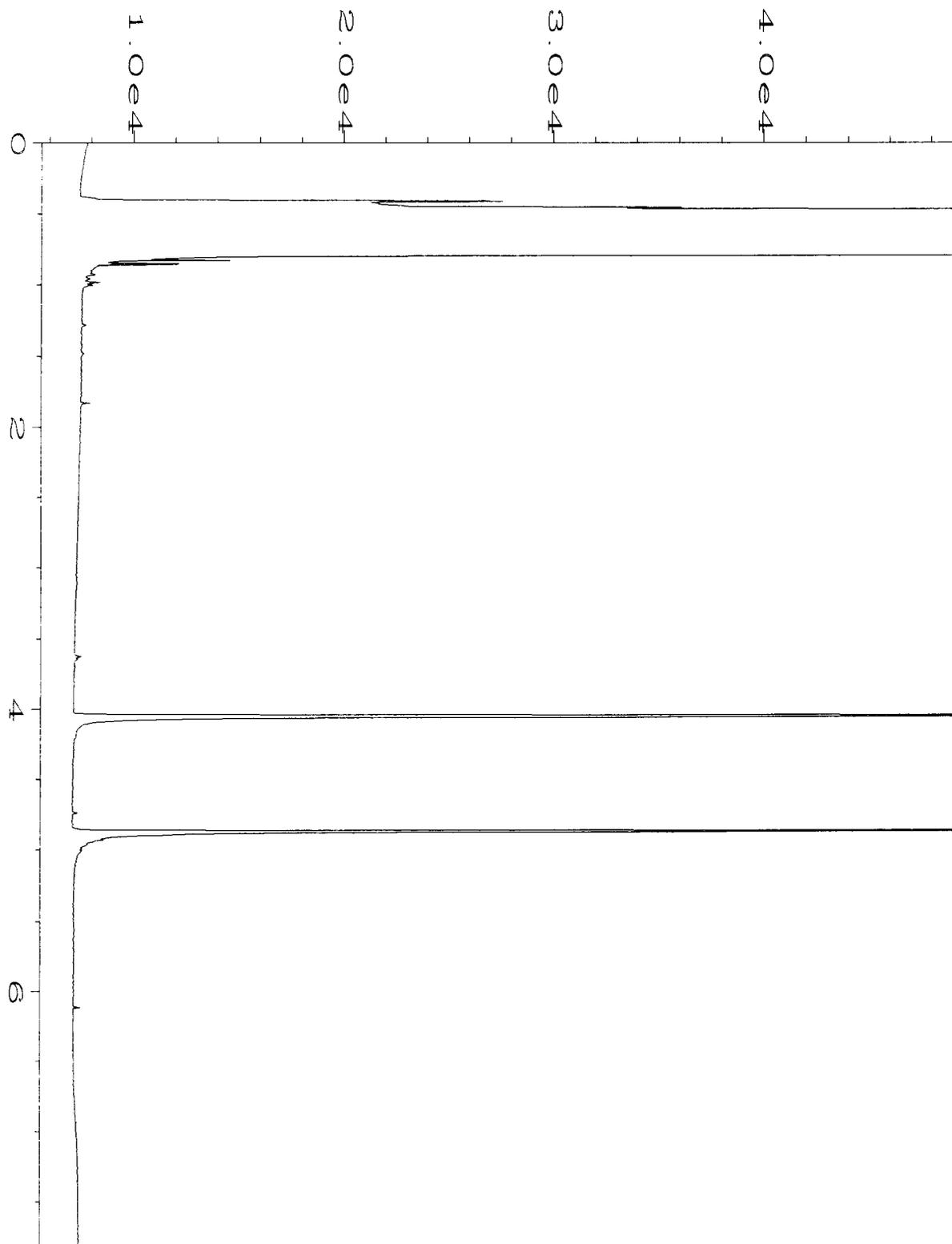
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

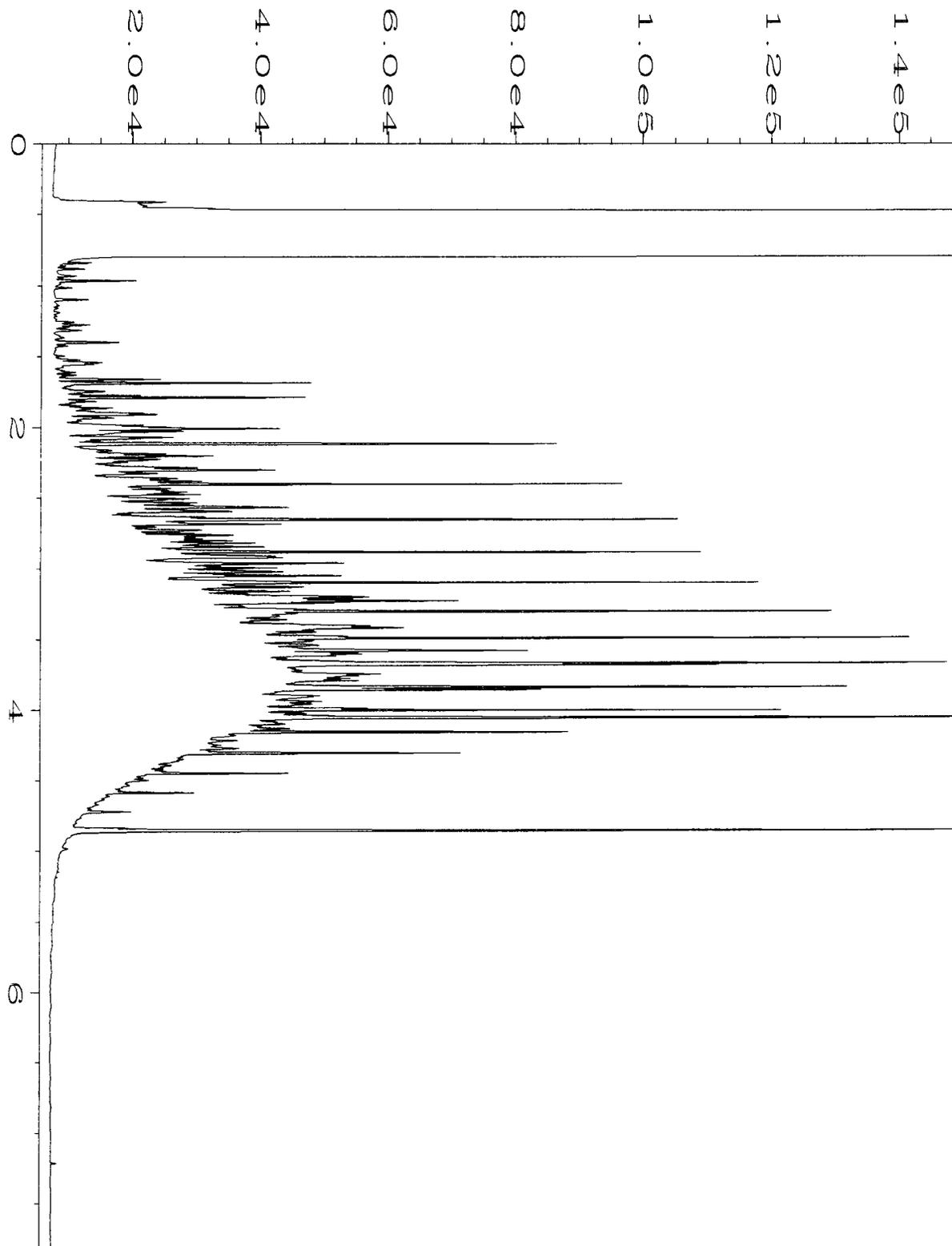
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\021F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408463-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 01:35 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 03:04 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1799 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	05 Sep 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 08:52 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:12 PM		

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

September 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on August 29, 2014 from the SOU_0731-004-05_20140829, F&BI 408492 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0910R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 29, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140829, F&BI 408492 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
408492 -01

SoundEarth Strategies
A6NSW-58

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/29/14

Project: SOU_0731-004-05_20140829, F&BI 408492

Date Extracted: 09/03/14

Date Analyzed: 09/03/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
A6NSW-58 408492-01	<0.02	<0.02	<0.02	<0.06	<2	96
Method Blank 04-1786 MB	<0.02	<0.02	<0.02	<0.06	<2	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/29/14

Project: SOU_0731-004-05_20140829, F&BI 408492

Date Extracted: 08/29/14

Date Analyzed: 08/29/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
A6NSW-58 408492-01	<50	<250	102
Method Blank 04-1774 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A6NSW-58	Client:	SoundEarth Strategies
Date Received:	08/29/14	Project:	SOU_0731-004-05_20140829, F&BI 408492
Date Extracted:	09/02/14	Lab ID:	408492-01
Date Analyzed:	09/02/14	Data File:	090207.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140829, F&BI 408492
Date Extracted:	09/02/14	Lab ID:	04-1765 mb
Date Analyzed:	09/02/14	Data File:	090206.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/29/14

Project: SOU_0731-004-05_20140829, F&BI 408492

**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: 409022-01 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	89	69-120
Toluene	mg/kg (ppm)	0.5	93	70-117
Ethylbenzene	mg/kg (ppm)	0.5	95	65-123
Xylenes	mg/kg (ppm)	1.5	94	66-120
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/29/14

Project: SOU_0731-004-05_20140829, F&BI 408492

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

Laboratory Code: 408484-01 (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	97	106	63-146	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 08/29/14

Project: SOU_0731-004-05_20140829, F&BI 408492

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408489-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	70	70	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	82	82	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	84	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	90	89	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	95	95	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	97	97	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	100	100	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	99	98	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	103	103	10-156	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	97	98	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	99	100	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	97	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	95	47-128
Methylene chloride	mg/kg (ppm)	2.5	104	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	108	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	111	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	113	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	110	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	121	62-131
Trichloroethene	mg/kg (ppm)	2.5	110	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	113	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

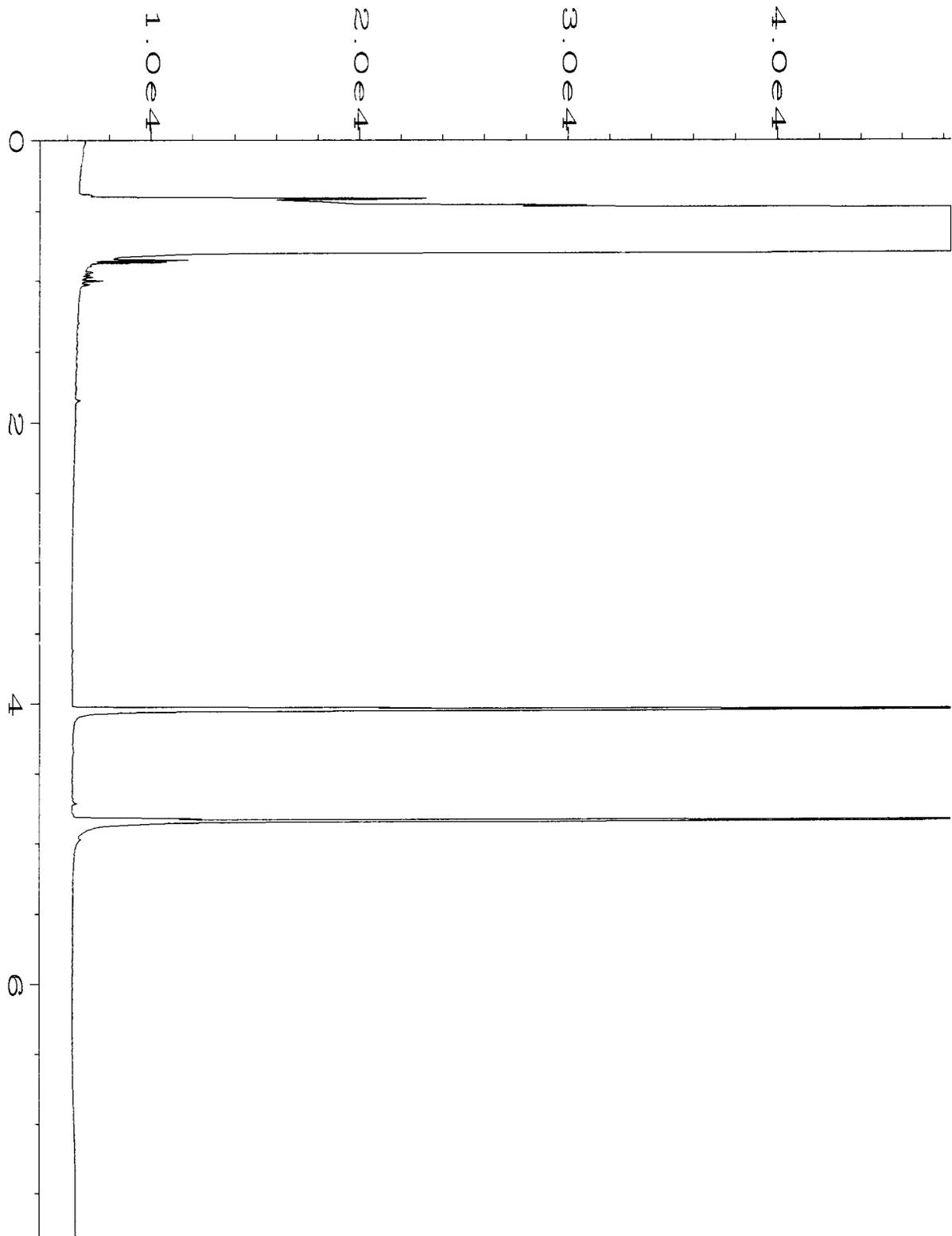
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

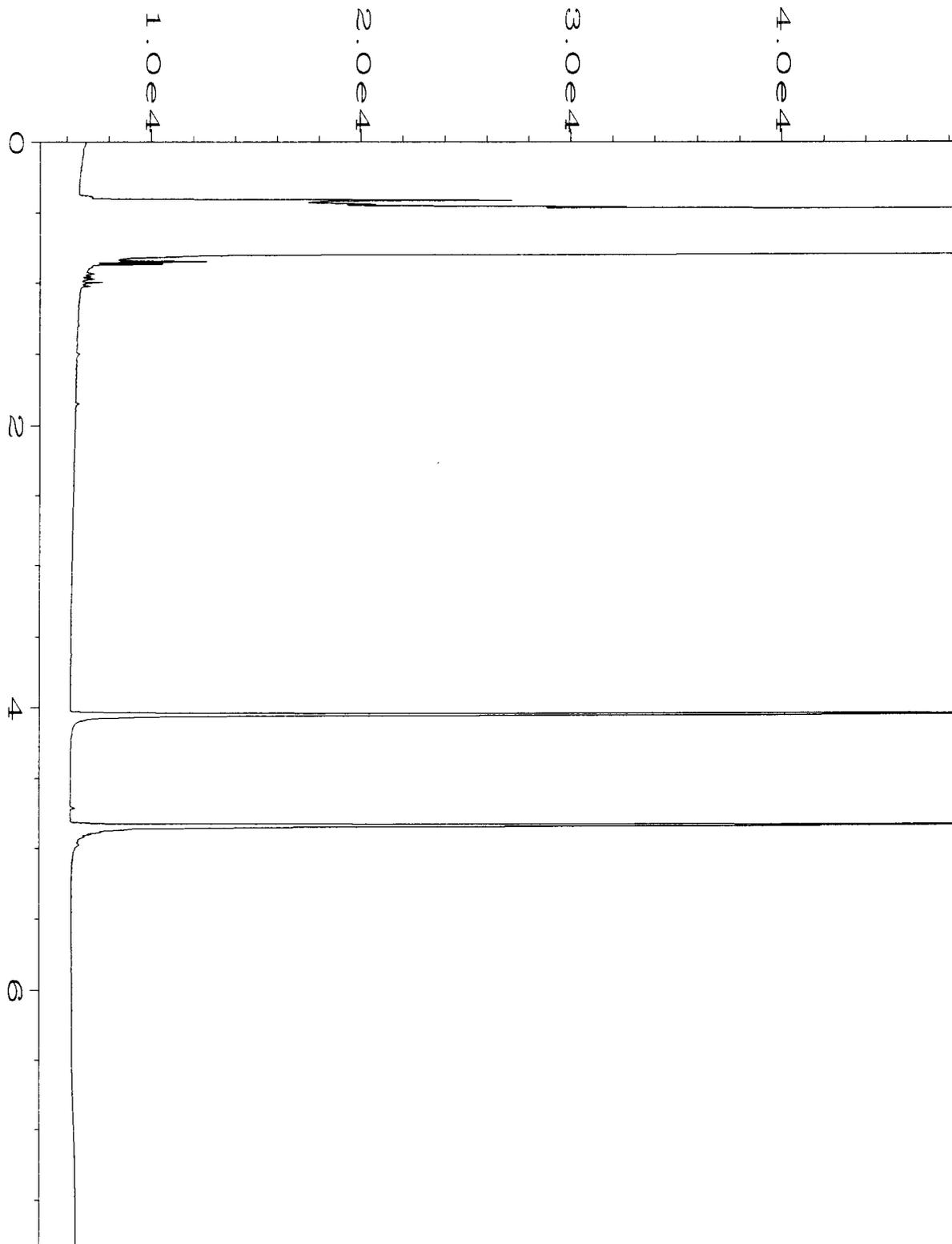
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

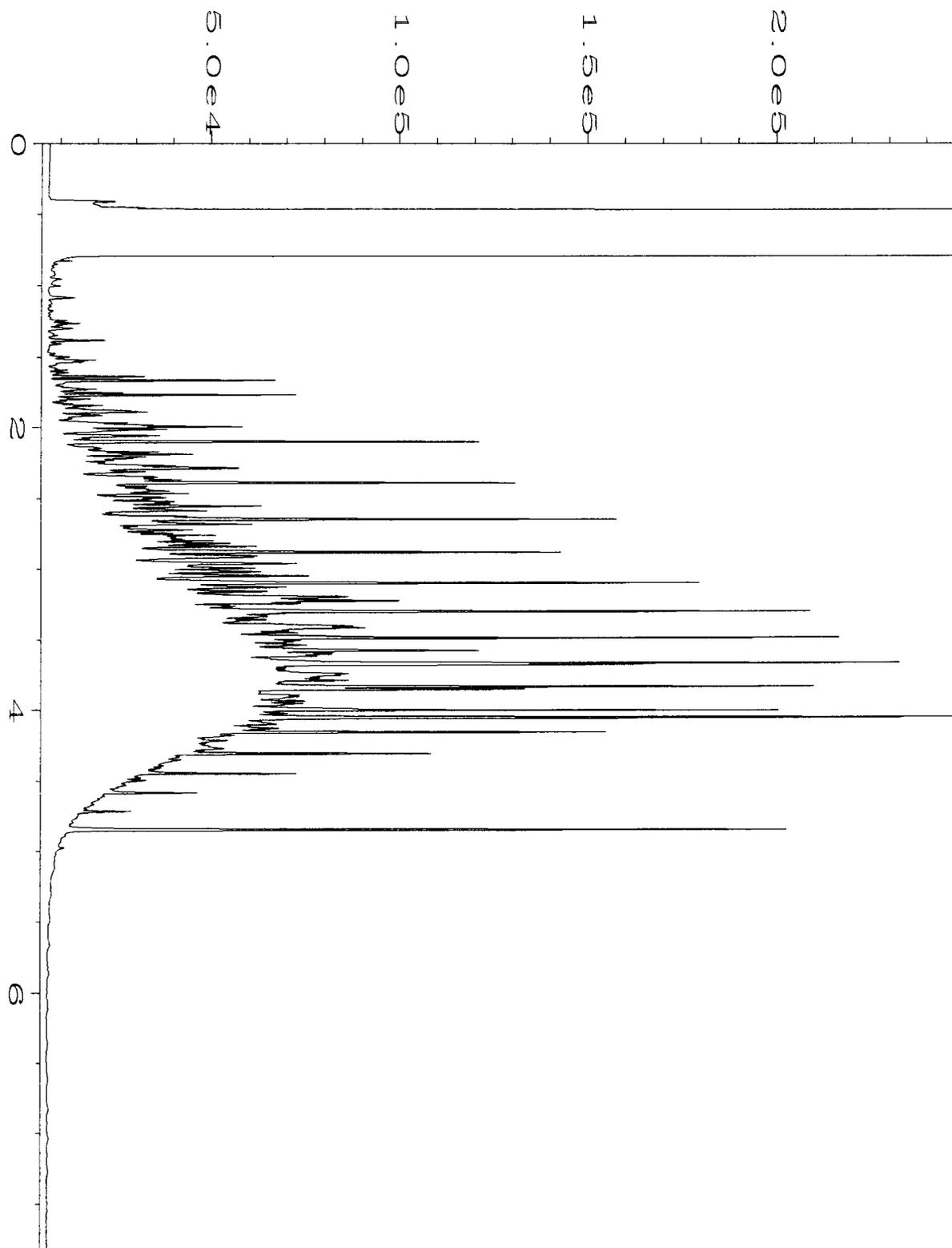
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



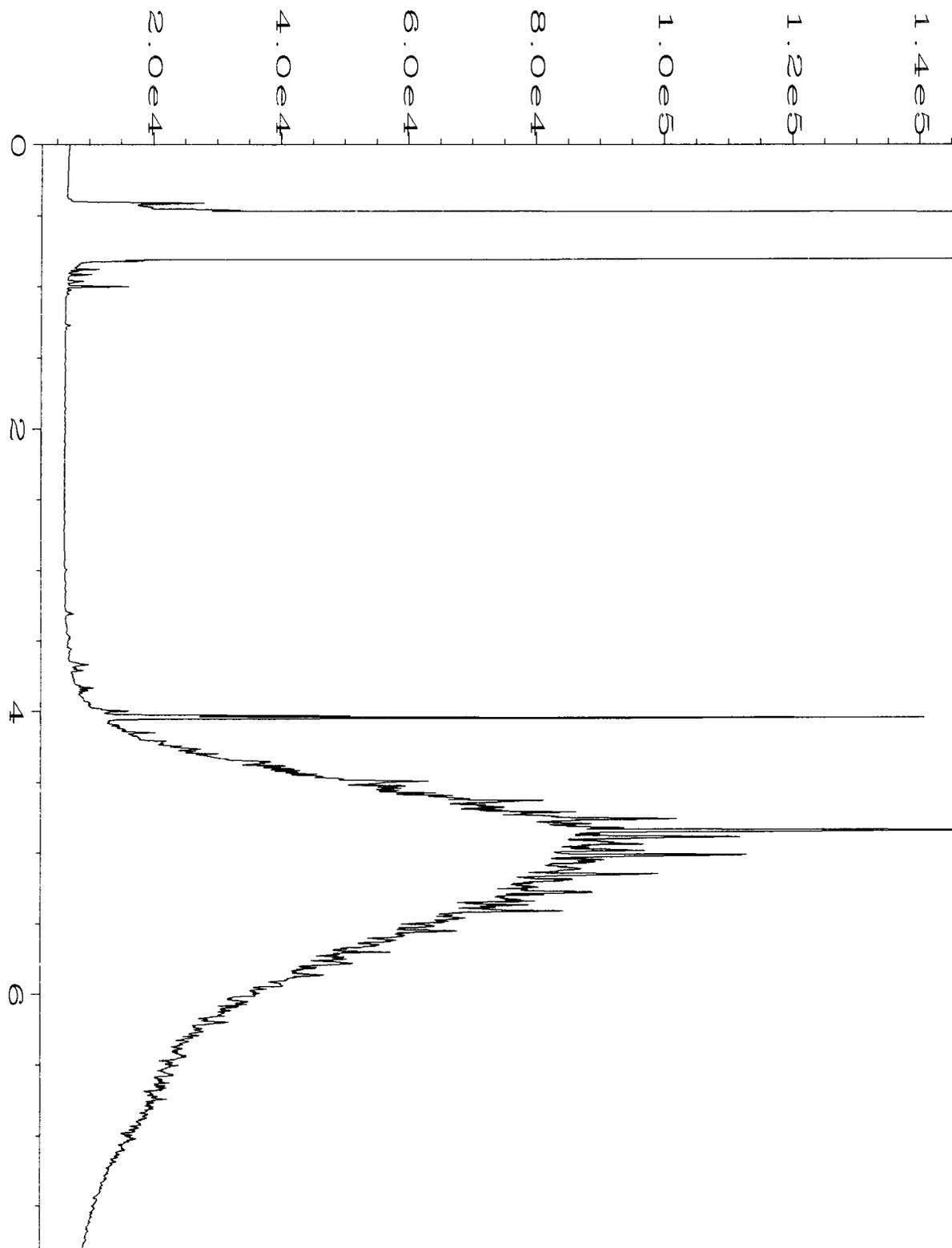
Data File Name	: C:\HPCHEM\1\DATA\08-29-14\043F0501.D	Page Number	: 1
Operator	: sp	Vial Number	: 43
Instrument	: GC1	Injection Number	: 1
Sample Name	: 408492-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Aug 14 06:15 PM	Analysis Method	: DX.MTH
Report Created on:	02 Sep 14 10:59 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-29-14\029F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 29
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1774 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Aug 14 02:14 PM	Analysis Method	: DX.MTH
Report Created on:	02 Sep 14 10:58 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-29-14\005F0401.D	Page Number	: 1
Operator	: sp	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Aug 14 03:17 PM	Analysis Method	: DX.MTH
Report Created on:	02 Sep 14 10:59 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-29-14\004R0401.D	Page Number	: 1
Operator	: sp	Vial Number	: 4
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Aug 14 03:04 PM	Analysis Method	: DX.MTH
Report Created on:	02 Sep 14 10:59 AM		

408492

SAMPLE CHAIN OF CUSTODY

ME 08/29/14

VSD/COI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS Run per <u>RJK 8/29/14</u>	EIM Y

Page # 1 of 1

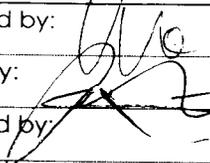
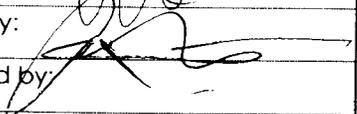
TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
ACNSW-58	ACO	58	DIA-E	8/28/14	1445	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X HOLD
<u>PA 8/28/14</u>												

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: 	Courtney Porter	CP SoundEarth	8/29/14	1523
Received by: 	M. Hyster	FB Inc	8/29/14	1525
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 2, 2014 from the SOU_0731-004-05_20140902, F&BI 409013 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in cursive script, appearing to read "Michael Erdahl", is written in black ink on a light-colored background.

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU0904R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 2, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140902, F&BI 409013 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409013 -01	A21NSW-60
409013 -02	A1NWSW-58
409013 -03	K1WSW-68

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/04/14

Date Received: 09/02/14

Project: SOU_0731-004-05_20140902, F&BI 409013

Date Extracted: 09/02/14

Date Analyzed: 09/02/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
A21NSW-60 409013-01	<2	104
Method Blank 04-1739 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/04/14

Date Received: 09/02/14

Project: SOU_0731-004-05_20140902, F&BI 409013

Date Extracted: 09/02/14

Date Analyzed: 09/02/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 56-165)
A21NSW-60 409013-01	<50	<250	108
Method Blank 04-1777 MB	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A21NSW-60	Client:	SoundEarth Strategies
Date Received:	09/02/14	Project:	SOU_0731-004-05_20140902, F&BI 409013
Date Extracted:	09/02/14	Lab ID:	409013-01
Date Analyzed:	09/02/14	Data File:	090219.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140902, F&BI 409013
Date Extracted:	09/02/14	Lab ID:	04-1765 mb
Date Analyzed:	09/02/14	Data File:	090206.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/04/14

Date Received: 09/02/14

Project: SOU_0731-004-05_20140902, F&BI 409013

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 408496-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/04/14

Date Received: 09/02/14

Project: SOU_0731-004-05_20140902, F&BI 409013

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

Laboratory Code: 408494-01 (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	116	118	63-146	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	123	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/04/14

Date Received: 09/02/14

Project: SOU_0731-004-05_20140902, F&BI 409013

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408489-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	70	70	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	82	82	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	84	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	90	89	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	95	95	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	97	97	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	100	100	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	99	98	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	103	103	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	93	94	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	97	98	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	96	94	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	99	100	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	98	99	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	99	101	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	100	100	33-134	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	97	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	95	47-128
Methylene chloride	mg/kg (ppm)	2.5	104	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	108	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	111	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	113	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	110	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	121	62-131
Benzene	mg/kg (ppm)	2.5	106	68-114
Trichloroethene	mg/kg (ppm)	2.5	110	64-117
Toluene	mg/kg (ppm)	2.5	107	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	113	72-114
Ethylbenzene	mg/kg (ppm)	2.5	111	64-123
m,p-Xylene	mg/kg (ppm)	5	112	78-122
o-Xylene	mg/kg (ppm)	2.5	111	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

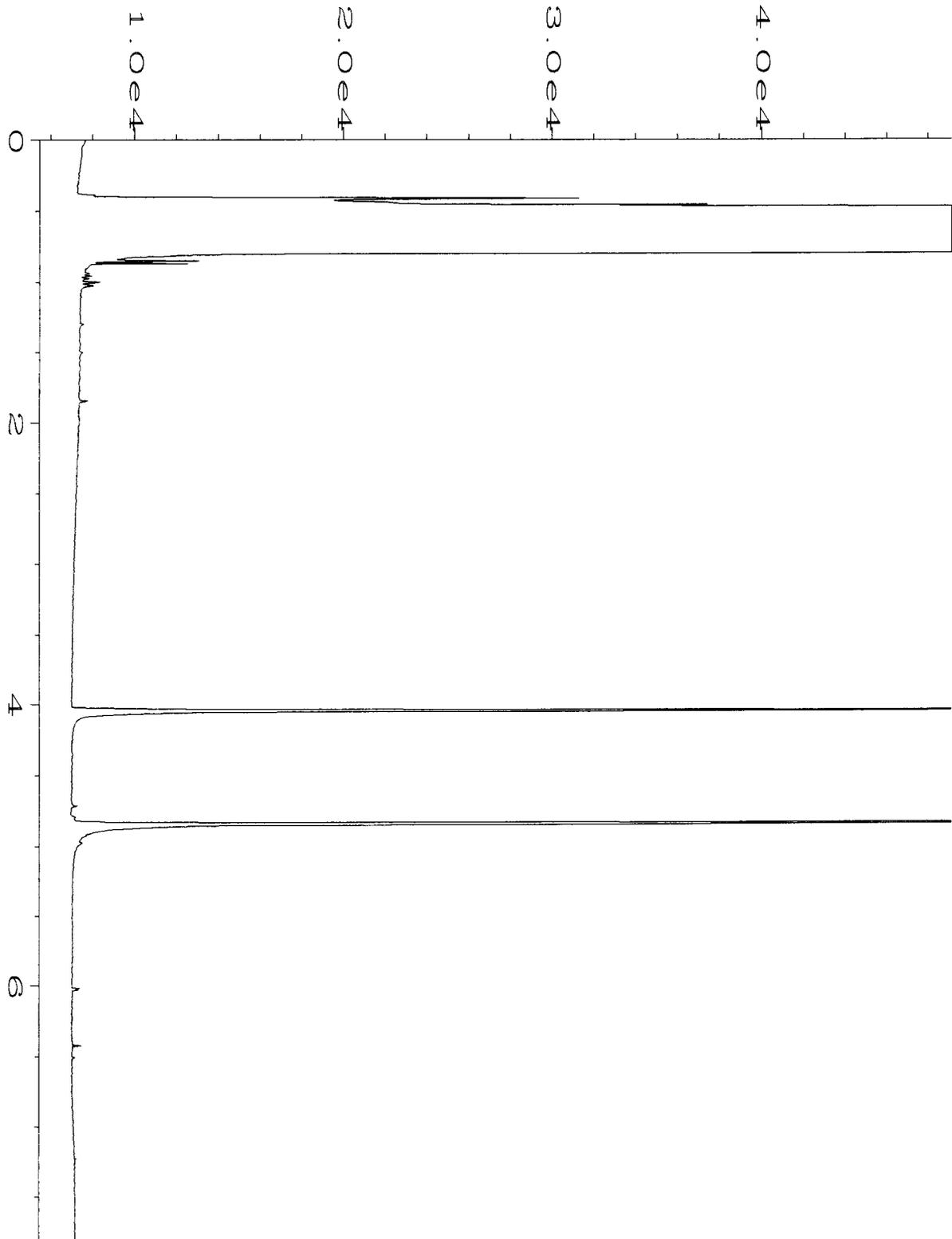
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

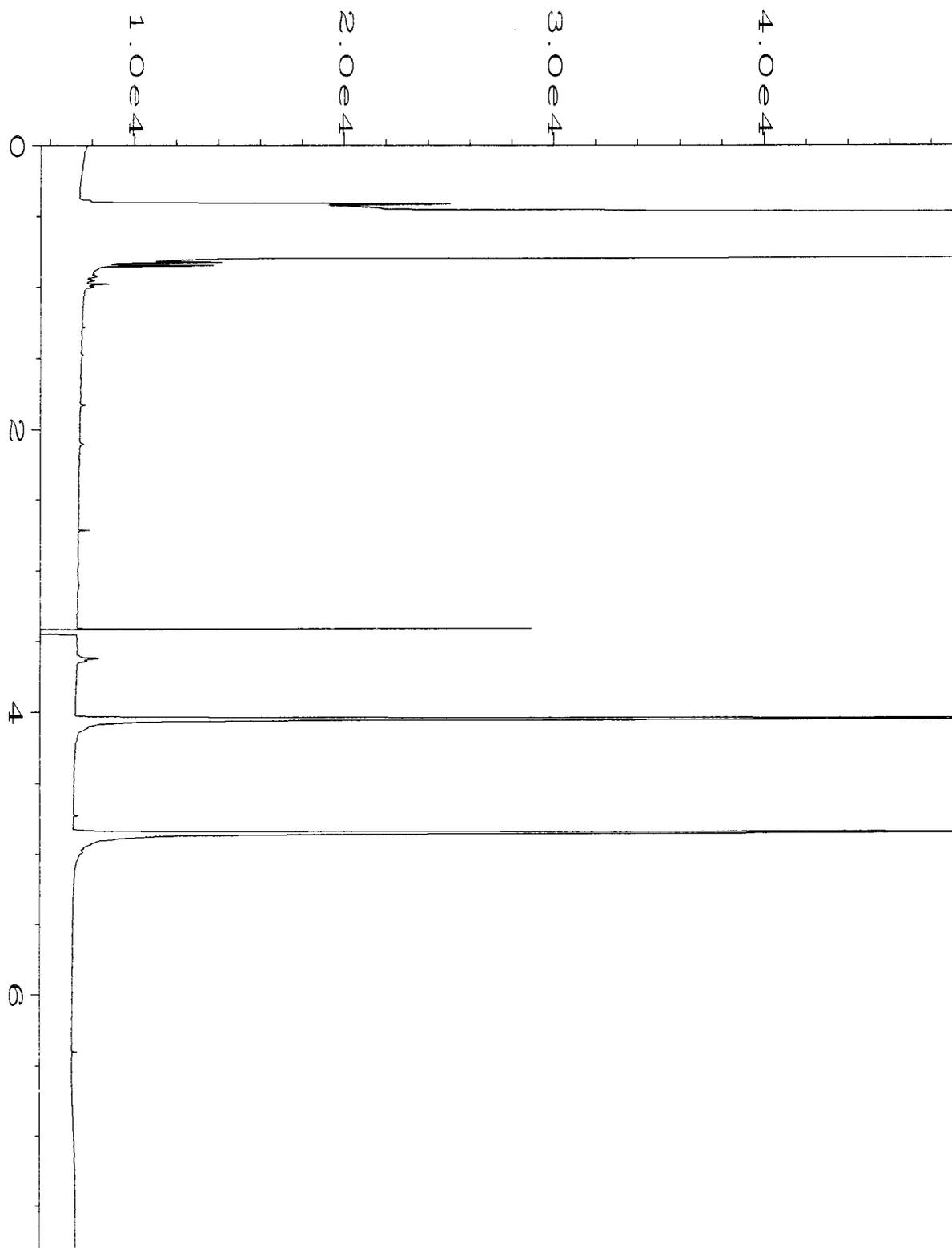
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

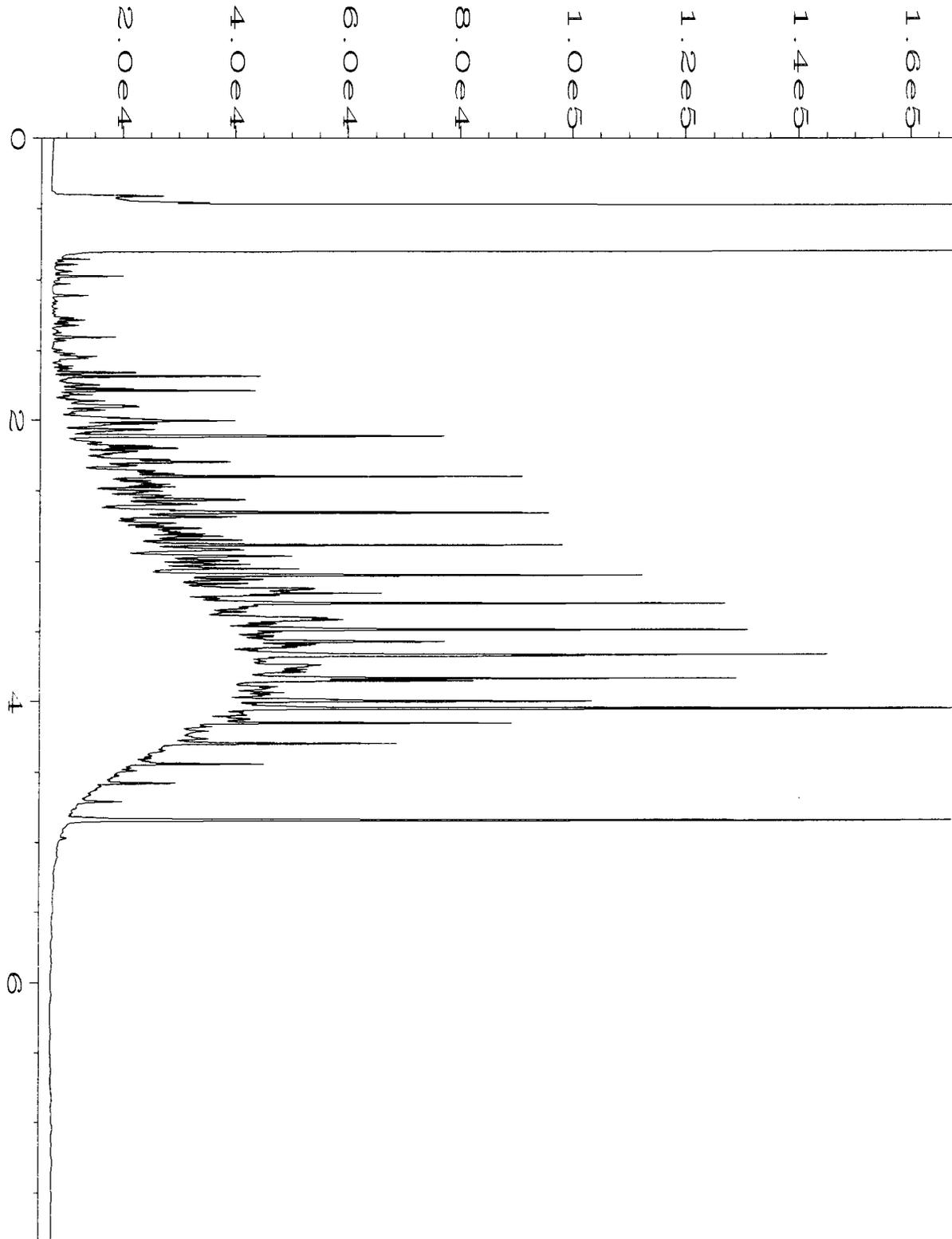
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\09-02-14\045F1201.D	Page Number	: 1
Operator	: sp	Vial Number	: 45
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409013-01	Sequence Line	: 12
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Sep 14 10:06 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 10:01 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-02-14\014F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 14
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1777 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Sep 14 01:55 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 10:03 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-02-14\093F1301.D	Page Number	: 1
Operator	: sp	Vial Number	: 93
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 13
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Sep 14 10:56 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 10:02 AM		

489013

SAMPLE CHAIN OF CUSTODY

ME 09/02/14

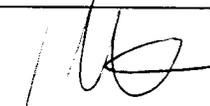
DOI/USI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

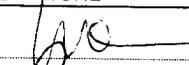
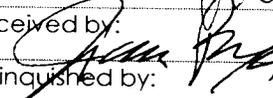
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # _____ of _____
TURNAROUND TIME Standard (2 Weeks) RUSH <u>Saturday 9/2/14</u> Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
AZ1WSW-60	A21	60	01AE	9/2/14	0945	soil	5	X	X	X	X		
AIWSW-58	A1	58	02	9/2/14	1015	soil	5					X	
K1WSW-68	K1	68	03	9/2/14	1245	soil	5					X	
CP 9/2/14													
Samples received at <u>7</u> °C													

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: 	Courtney Porter	SoundEarth	9/2/14	1415
Received by: 	James Bruya	F&B	9/2/14	1415
Relinquished by:				
Received by:				

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

September 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 3, 2014 from the SOU_0731-004-05_20140903, F&BI 409039 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0908R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 3, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140903, F&BI 409039 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409039 -01	A6NSW-53
409039 -02	A1NSW-53
409039 -03	N1WSW-70
409039 -04	O1WSW-70
409039 -05	P1WSW-70

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409039

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
A6NSW-53 409039-01	<2	104
A1NSW-53 409039-02	<2	105
Method Blank 04-1787 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409039

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
A6NSW-53 409039-01	<50	<250	101
A1NSW-53 409039-02	<50	<250	95
Method Blank 04-1799 MB	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A6NSW-53	Client:	SoundEarth Strategies
Date Received:	09/03/14	Project:	SOU_0731-004-05_20140903, F&BI 409039
Date Extracted:	09/03/14	Lab ID:	409039-01
Date Analyzed:	09/03/14	Data File:	090321.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A1NSW-53	Client:	SoundEarth Strategies
Date Received:	09/03/14	Project:	SOU_0731-004-05_20140903, F&BI 409039
Date Extracted:	09/03/14	Lab ID:	409039-02
Date Analyzed:	09/03/14	Data File:	090322.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140903, F&BI 409039
Date Extracted:	09/03/14	Lab ID:	04-1766 mb
Date Analyzed:	09/03/14	Data File:	090314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409039

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409027-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409039

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

Laboratory Code: 409039-01 (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	108	108	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409039

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408467-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	48	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	65	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	55	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	65	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	78	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	78	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	69	10-156	6
Benzene	mg/kg (ppm)	2.5	<0.03	68	65	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	67	65	21-139	3
Toluene	mg/kg (ppm)	2.5	0.59	61 b	60 b	35-130	2 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	50	48	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	1.8	58 b	57 b	32-137	2 b
m,p-Xylene	mg/kg (ppm)	5	13	56 b	59 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	7.0	63 b	61 b	33-134	3 b

Laboratory Code: Laboratory Control Sample

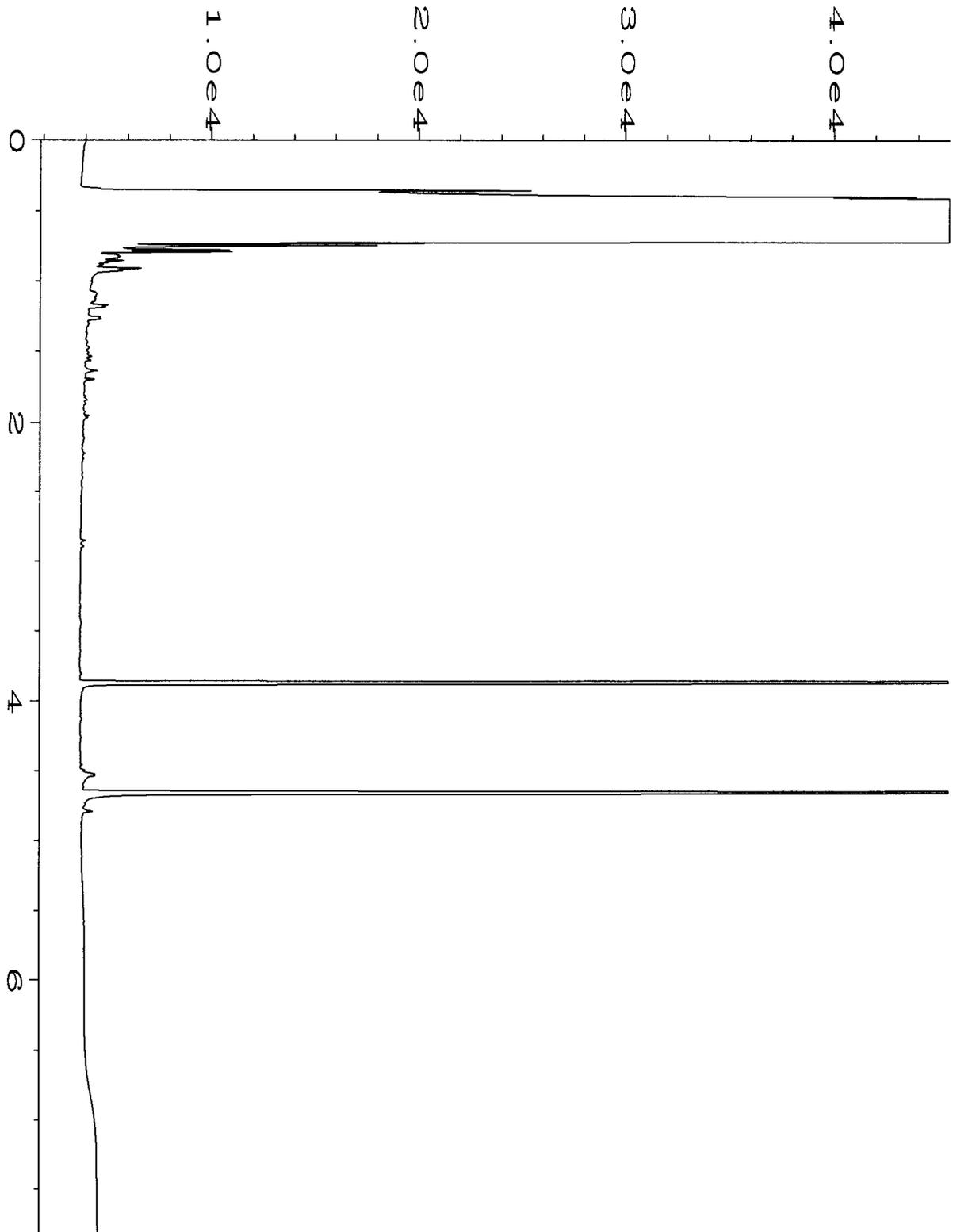
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	83	22-139
Chloroethane	mg/kg (ppm)	2.5	94	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	110	62-131
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Toluene	mg/kg (ppm)	2.5	99	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124

FRIEDMAN & BRUYA, INC.

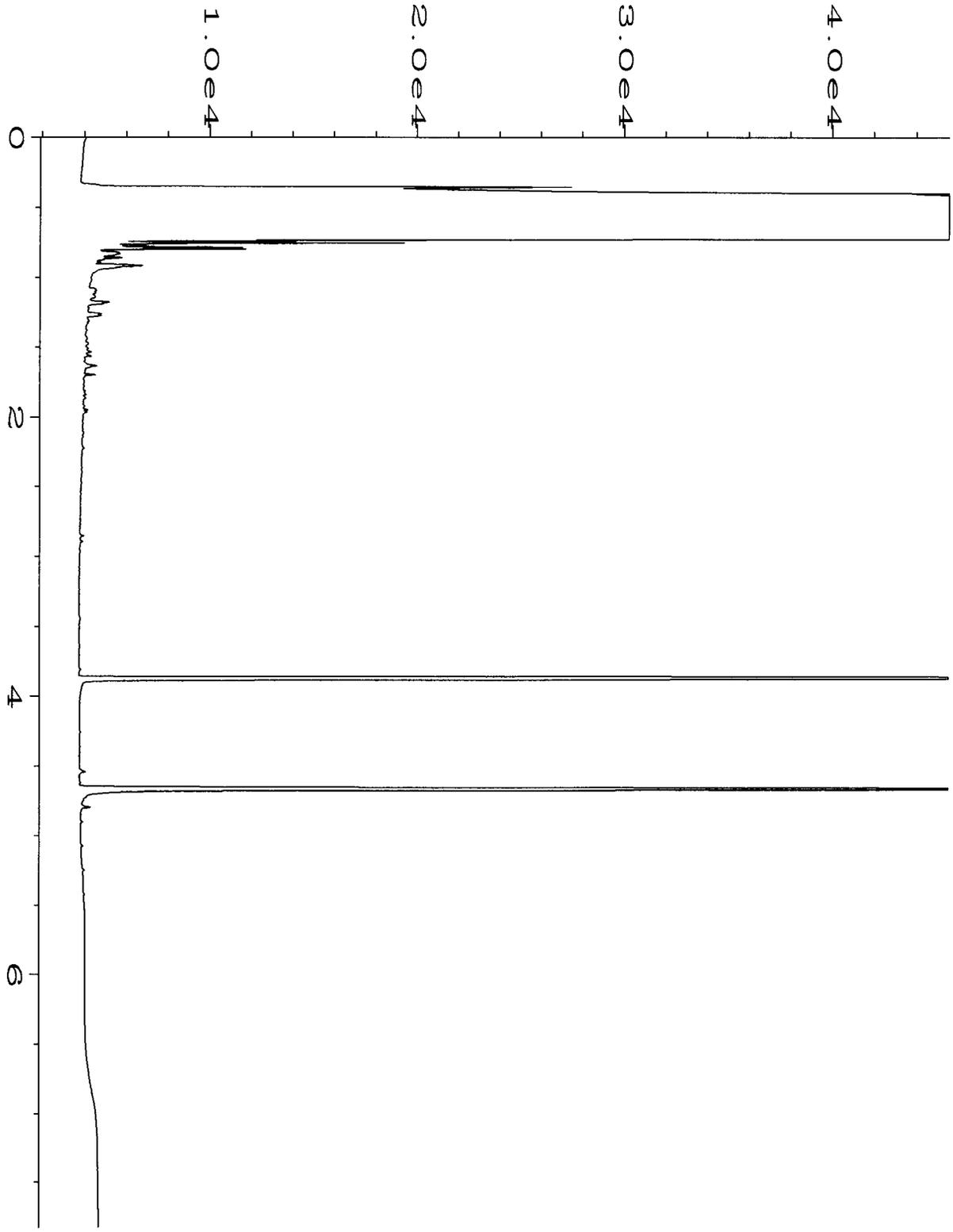
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

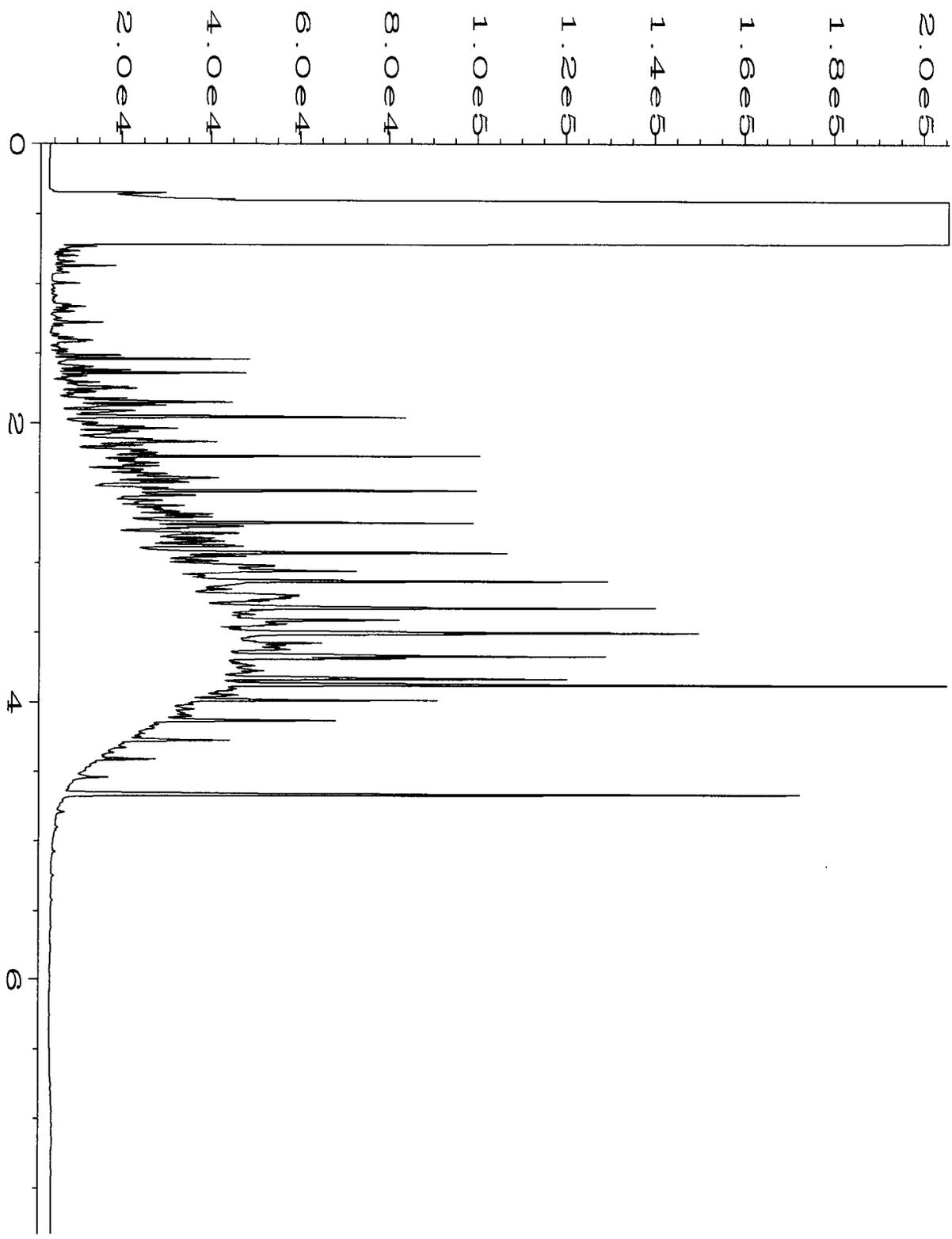
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\6\DATA\09-04-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409039-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 10:14 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:00 PM		



Data File Name	: C:\HPCHEM\6\DATA\09-04-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-17989mb	Sequence Line	: 3
Run Time Bar Code:	SP09/04/14	Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:25 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:00 PM		



Data File Name	: C:\HPCHEM\6\DATA\09-04-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:10 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 11:59 AM		

409039

SAMPLE CHAIN OF CUSTODY

ME 09/03/14

VS1/DO1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per PJK on 9/3/14	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
A6NSW-53	A6	53	01 ^{NE}	9/3/14	0740	soil	5	⊗	⊗	⊗	⊗	X
A1NSW-53	A1	53	02	I	0745	soil	5	⊗	⊗	⊗	⊗	X
N1NSW-70	N1	70	03		1005	soil	5					X
O1NSW-70	O1	70	04		1015	soil	5					X
P1NSW-70	P1	70	05		1020	soil	5					X

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:	Courtney Porter	SoundEarth	9/3/14	1453
Received by:	Matt Bruya	FB Inc	9/3/14	1453
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 3, 2014 from the SOU_0731-004-05_20140903, F&BI 409040 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0908R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 3, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140903, F&BI 409040 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409040 -01	B20-57
409040 -02	E23-61

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409040

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
B20-57 409040-01	<2	105
E23-61 409040-02	<2	104
Method Blank 04-1787 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409040

Date Extracted: 09/04/14

Date Analyzed: 09/04/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
B20-57 409040-01	<50	<250	105
E23-61 409040-02	<50	<250	105
Method Blank 04-1799 MB	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	B20-57	Client:	SoundEarth Strategies
Date Received:	09/03/14	Project:	SOU_0731-004-05_20140903, F&BI 409040
Date Extracted:	09/03/14	Lab ID:	409040-01
Date Analyzed:	09/03/14	Data File:	090323.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E23-61	Client:	SoundEarth Strategies
Date Received:	09/03/14	Project:	SOU_0731-004-05_20140903, F&BI 409040
Date Extracted:	09/03/14	Lab ID:	409040-02
Date Analyzed:	09/03/14	Data File:	090324.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140903, F&BI 409040
Date Extracted:	09/03/14	Lab ID:	04-1766 mb
Date Analyzed:	09/03/14	Data File:	090314.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409040

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409027-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409040

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

Laboratory Code: 409039-01 (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	108	108	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/03/14

Project: SOU_0731-004-05_20140903, F&BI 409040

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 408467-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	2.5	<0.03	68	65	29-129	5
Toluene	mg/kg (ppm)	2.5	0.59	61 b	60 b	35-130	2 b
Ethylbenzene	mg/kg (ppm)	2.5	1.8	58 b	57 b	32-137	2 b
m,p-Xylene	mg/kg (ppm)	5	13	56 b	59 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	7.0	63 b	61 b	33-134	3 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	2.5	98	68-114
Toluene	mg/kg (ppm)	2.5	99	66-126
Ethylbenzene	mg/kg (ppm)	2.5	101	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	102	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

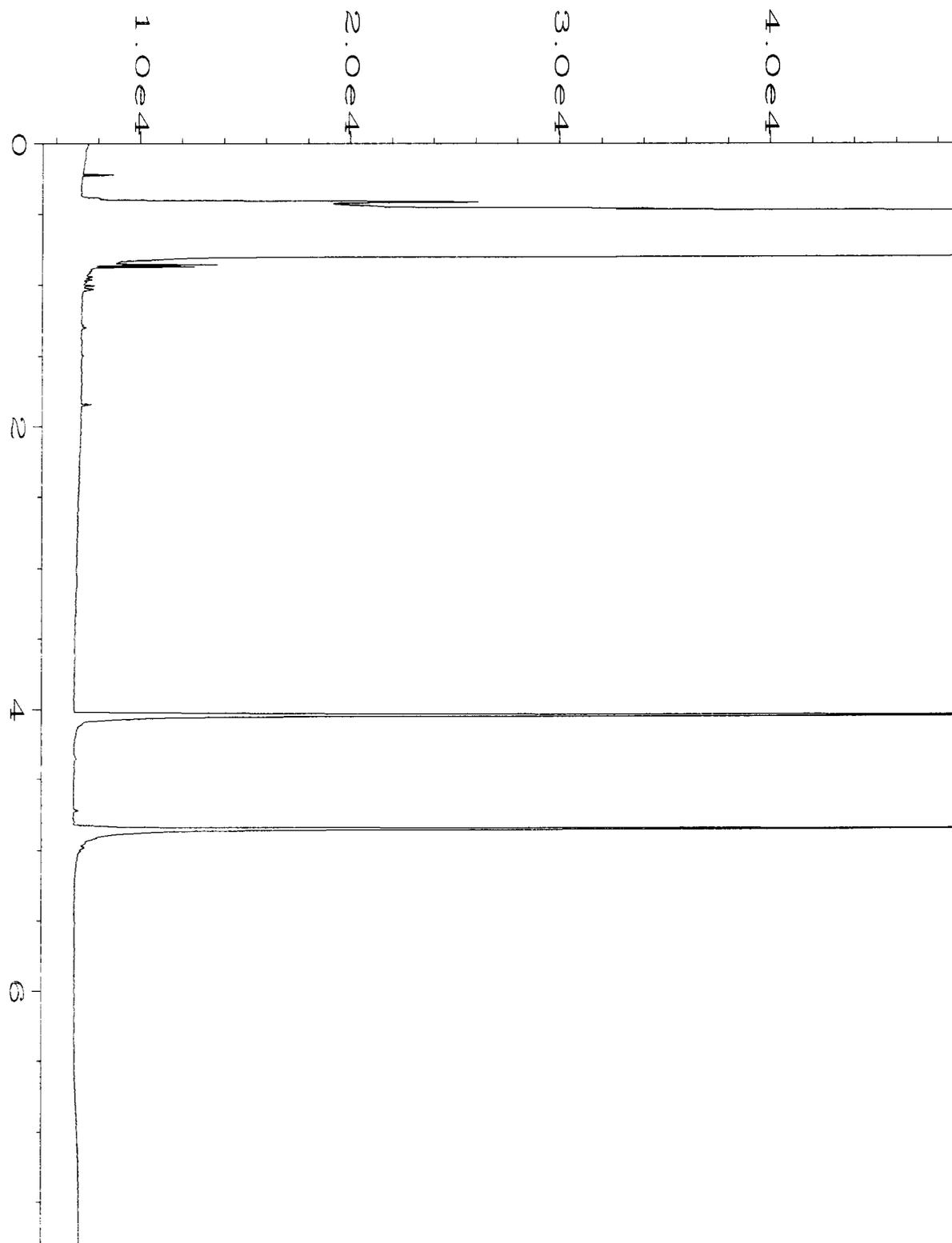
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

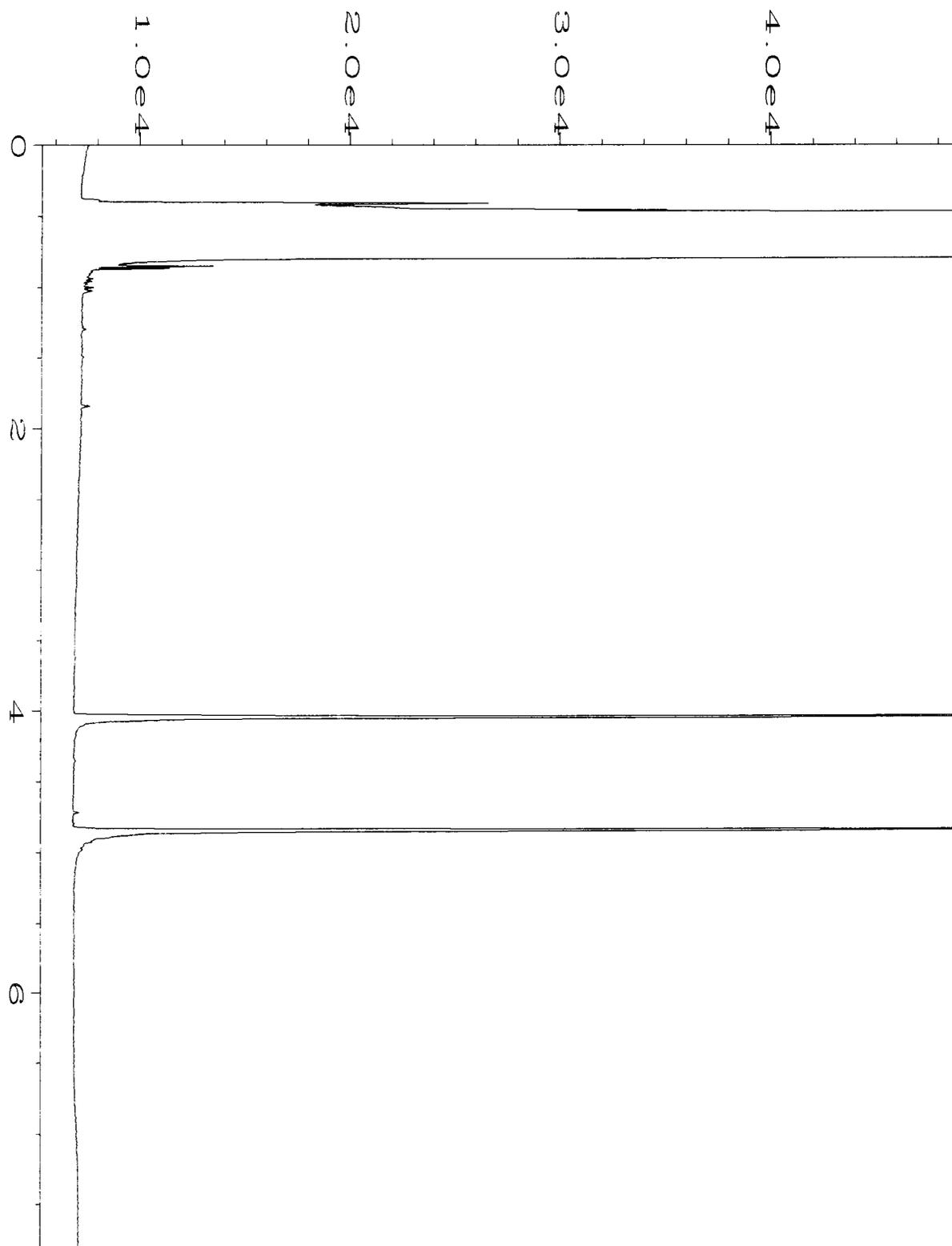
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

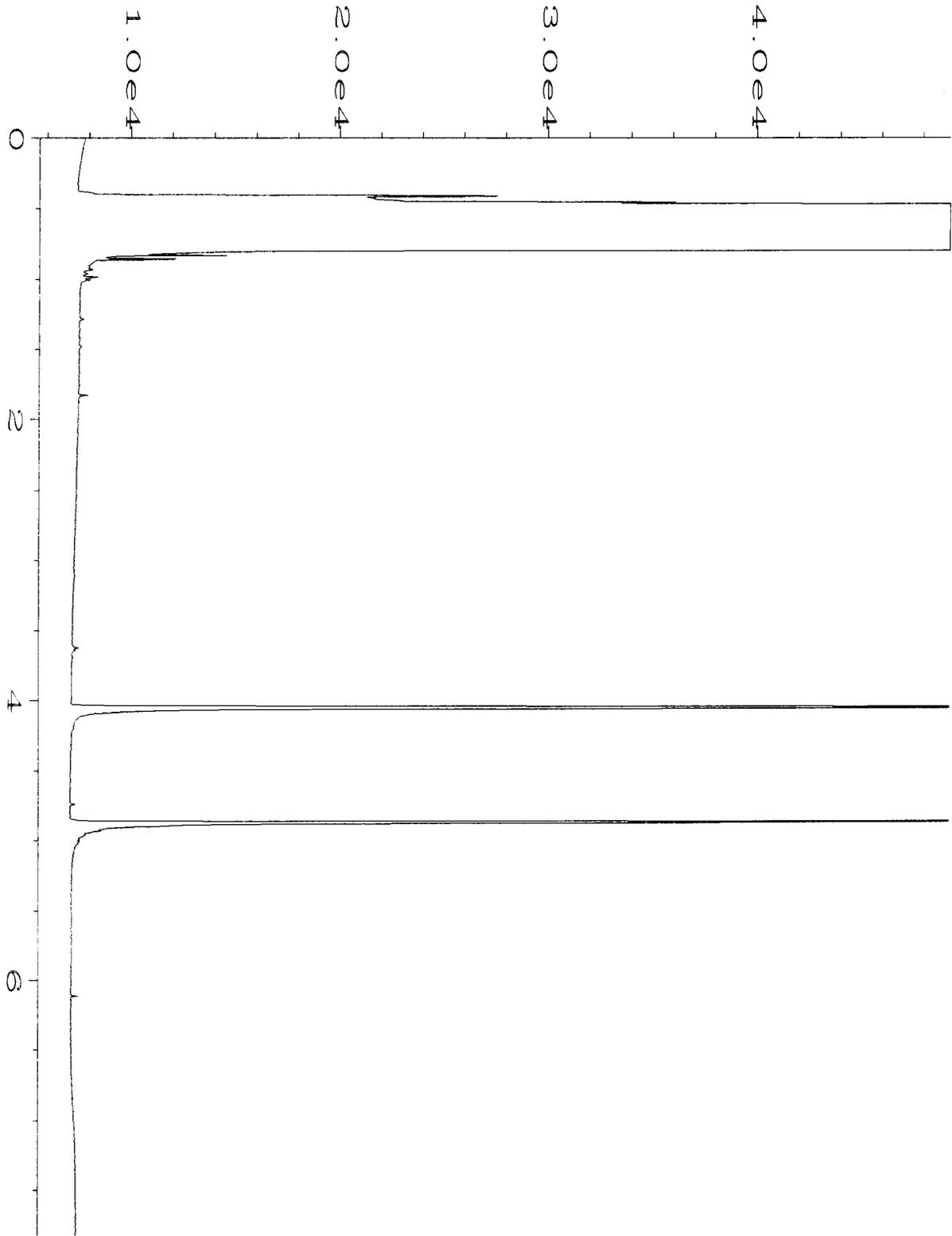
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



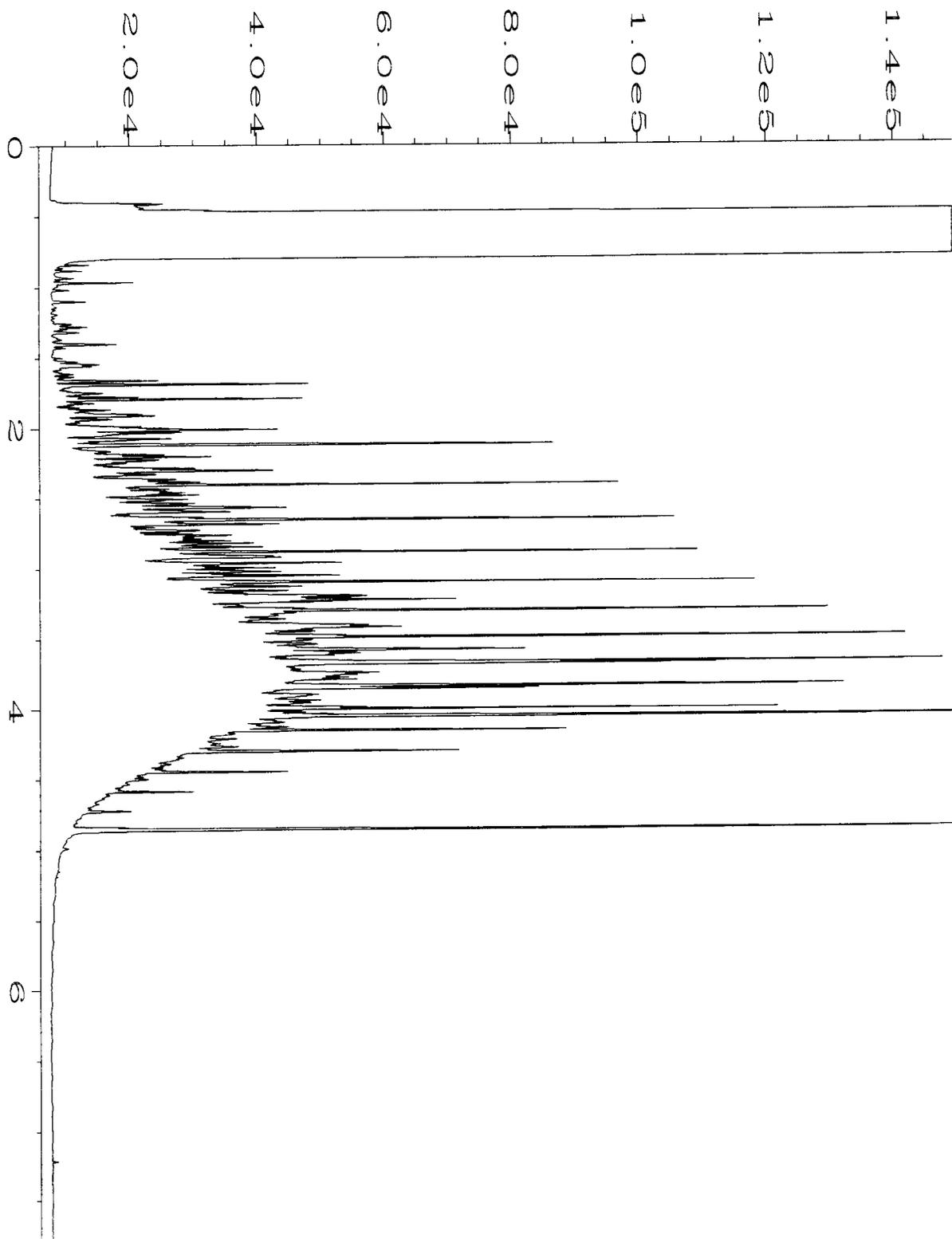
Data File Name	: C:\HPCHEM\1\DATA\09-04-14\022F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 22
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409040-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 01:47 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 03:04 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\023F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 23
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409040-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 02:00 PM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 03:04 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1799 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	05 Sep 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-04-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 04 Sep 14 08:52 AM	Analysis Method	: DX.MTH
Report Created on:	04 Sep 14 12:12 PM		

409040

SAMPLE CHAIN OF CUSTODY

ME 9/3/14

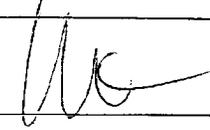
DOI/VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

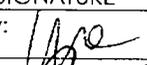
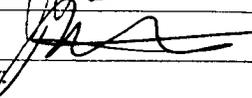
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property.	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME
<input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	GVOCS by EPA 8260C	Notes
B20-57	B20	57	01A-E	9/3/14	1230	soil	5	X	X	X		
E23-61	E23	61	02A-E	9/3/14	1340	soil	5	X	X	X		
CP 9/3/14												

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: 	Courtney Porter	SoundEarth	9/3/14	1510
Received by: 	Matt Lyden	FBRe	9/3/14	1510
Relinquished by:				
Received by:				

received at 4 °C

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

September 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 5, 2014 from the SOU_0731-004-05_20140905, F&BI 409081 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0908R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140905, F&BI 409081 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409081 -01	O2-50
409081 -02	O2-45
409081 -03	N3-55
409081 -04	N3-50
409081 -05	N3-45
409081 -06	M12-55
409081 -07	M12-50
409081 -08	M10-55
409081 -09	M10-50
409081 -10	N5-50
409081 -11	N5-45
409081 -12	O9-50
409081 -13	O9-45
409081 -14	O12-55
409081 -15	O12-50
409081 -16	DUPLICATE09

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O2-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-01
Date Analyzed:	09/05/14	Data File:	090515.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O2-45	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-02
Date Analyzed:	09/05/14	Data File:	090519.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-55	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-03
Date Analyzed:	09/05/14	Data File:	090520.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-04
Date Analyzed:	09/05/14	Data File:	090521.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-45	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-05
Date Analyzed:	09/05/14	Data File:	090522.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M12-55	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-06
Date Analyzed:	09/05/14	Data File:	090523.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M12-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-07
Date Analyzed:	09/05/14	Data File:	090524.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M10-55	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-08
Date Analyzed:	09/05/14	Data File:	090525.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M10-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-09
Date Analyzed:	09/05/14	Data File:	090526.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N5-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-10
Date Analyzed:	09/05/14	Data File:	090527.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N5-45	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-11
Date Analyzed:	09/05/14	Data File:	090528.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O9-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-12
Date Analyzed:	09/05/14	Data File:	090529.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O9-45	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-13
Date Analyzed:	09/06/14	Data File:	090533.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.048

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O12-55	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-14
Date Analyzed:	09/05/14	Data File:	090530.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O12-50	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-15
Date Analyzed:	09/05/14	Data File:	090531.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE09	Client:	SoundEarth Strategies
Date Received:	09/05/14	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	409081-16
Date Analyzed:	09/05/14	Data File:	090532.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140905, F&BI 409081
Date Extracted:	09/05/14	Lab ID:	04-1769 mb
Date Analyzed:	09/05/14	Data File:	090514.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/08/14

Date Received: 09/05/14

Project: SOU_0731-004-05_20140905, F&BI 409081

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409081-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	66	63	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	77	10-176	12
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	81	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	82	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	89	88	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	92	91	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	95	94	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	98	95	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	94	91	21-139	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	94	94	20-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	65	22-139
Chloroethane	mg/kg (ppm)	2.5	79	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	84	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409081

SAMPLE CHAIN OF CUSTODY

ME 09/05/14

US3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

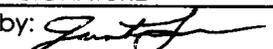
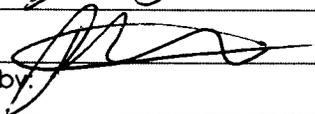
Page # 1 of 2

TURNAROUND TIME
Standard (2 Weeks)
XRUSH 24hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
02-50	02	50'	01 A-D	9/5/14	1125	SOIL	4				X								
02-45	02	45'	02		1130	SOIL	4				X								
N3-55	N3	55'	03		1140	SOIL	4				X								
N3-50	N3	50'	04		1143	SOIL	4				X								
N3-45	N3	45'	05		1147	SOIL	4				X								
M12-55	M12	55'	06		1207	SOIL	4				X								
M12-50	M12	50'	07		1212	SOIL	4				X								
M10-55	M10	55'	08		1245	SOIL	4				X								
M10-50	M10	50'	09		1249	SOIL	4				X								
N5-50	N5	50'	10		1259	SOIL	4				X								
N5-45	N5	45'	11		1303	SOIL	4				X								
09-50	09	50'	12		1348	SOIL	4				X								
09-45	09	45'	13		1354	SOIL	4				X								

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: 	JONATHAN LOEFFLER	SOUNDEARTH	9/5/14	1523
Received by: 	Pete Kingston	FRB Inc	9/5/14	1523
Relinquished by:				
Received by:				
Samples received at <u>4</u> °C				

409081

SAMPLE CHAIN OF CUSTODY

ME 09/05/14

V53

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)

Jonathan Loeffler

Page # 2 of 2

PROJECT NAME/NO.

Troy Laundry Property

PO #

0731-004-05

REMARKS

EIM Y

TURNAROUND TIME

Standard (2 Weeks)
* RUSH 24 hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
012-55	012	55'	14 ^{AD}	9/5/14	1415	SOIL	4				X								
012-50	012	50'	15	9/5/14	1422	SOIL	4				X								
DUPLICATED 09	—	—	16	9/5/14	—	SOIL	4				X								
<i>[Handwritten signature]</i>																			
<u>9/5/14</u>																			

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	9/5/14	1523
Received by: <i>Pete Kingston</i>	Pete Kingston	FRTec	9/5/14	1523
Relinquished by:				
Received by:				
Samples received at			<u>4</u>	°C

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

September 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 8, 2014 from the SOU_0731-004-05_20140908, F&BI 409107 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0909R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140908, F&BI 409107 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409107 -01	R5-70
409107 -02	R5-65
409107 -03	R5-60
409107 -04	T2-70
409107 -05	T2-65
409107 -06	T2-60
409107 -07	T2-55
409107 -08	T5-70
409107 -09	T5-65
409107 -10	T5-60

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R5-70	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-01
Date Analyzed:	09/08/14	Data File:	090822.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R5-65	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-02
Date Analyzed:	09/08/14	Data File:	090823.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.041

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R5-60	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-03
Date Analyzed:	09/08/14	Data File:	090824.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.040

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-70	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-04
Date Analyzed:	09/08/14	Data File:	090825.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-65	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-05
Date Analyzed:	09/08/14	Data File:	090826.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-60	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-06
Date Analyzed:	09/08/14	Data File:	090827.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-55	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-07
Date Analyzed:	09/08/14	Data File:	090828.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-70	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-08
Date Analyzed:	09/08/14	Data File:	090829.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.039

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-65	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-09
Date Analyzed:	09/08/14	Data File:	090830.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-60	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	409107-10
Date Analyzed:	09/08/14	Data File:	090831.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.059

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140908, F&BI 409107
Date Extracted:	09/08/14	Lab ID:	04-1770 mb
Date Analyzed:	09/08/14	Data File:	090808.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/09/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409107

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409045-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	49	10-138	9
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	66	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	65	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	67	66	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	74	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	78	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	81	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	82	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	81	80	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	73	70	20-133	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	95	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	96	47-128
Methylene chloride	mg/kg (ppm)	2.5	90	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	103	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Trichloroethene	mg/kg (ppm)	2.5	102	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409107

SAMPLE CHAIN OF CUSTODY

MS 9/8/14 US

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
R5-70	R5	70'	01A-D	9/8/14	0920	SOIL	4				X	
R5-65	R5	65'	02A-D		0924	SOIL	4				X	
R5-60	R5	60'	03A-D		0926	SOIL	4				X	
T2-70	T2	70'	04A-D		0932	SOIL	4				X	
T2-65	T2	65'	05A-D		0935	SOIL	4				X	
T2-60	T2	60'	06A-D		0939	SOIL	4				X	
T2-55	T2	55'	07A-D		0942	SOIL	4				X	
T5-70	T5	70'	08A-D		1040	SOIL	4				X	
T5-65	T5	65'	09A-D		1044	SOIL	4				X	
T5-60	T5	60'	10A-D	✓	1047	SOIL	4				X	
Samples received at <u>4</u> °C												
<i>[Signature]</i> 9/8/14												

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	9/8/14	1530
Received by: <i>James Bruya</i>	JAMES BRUYA	F&B	15	11
Relinquished by:				
Received by:				

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

September 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 8, 2014 from the SOU_0731-004-05_20140908, F&BI 409108 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0909R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140908, F&BI 409108 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409108 -01	DD2-90.5
409108 -02	DD6-91.5
409108 -03	GG2-91.5
409108 -04	GG5-91.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD2-90.5	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409108
Date Extracted:	09/08/14	Lab ID:	409108-01
Date Analyzed:	09/08/14	Data File:	090832.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.077

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD6-91.5	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409108
Date Extracted:	09/08/14	Lab ID:	409108-02
Date Analyzed:	09/08/14	Data File:	090833.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	GG2-91.5	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409108
Date Extracted:	09/08/14	Lab ID:	409108-03
Date Analyzed:	09/08/14	Data File:	090834.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	GG5-91.5	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409108
Date Extracted:	09/08/14	Lab ID:	409108-04
Date Analyzed:	09/08/14	Data File:	090835.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140908, F&BI 409108
Date Extracted:	09/08/14	Lab ID:	04-1770 mb
Date Analyzed:	09/08/14	Data File:	090808.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/09/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409108

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409045-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	49	10-138	9
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	66	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	65	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	67	66	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	74	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	78	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	81	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	82	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	81	80	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	73	70	20-133	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	95	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	96	47-128
Methylene chloride	mg/kg (ppm)	2.5	90	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	103	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Trichloroethene	mg/kg (ppm)	2.5	102	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409109

SAMPLE CHAIN OF CUSTODY

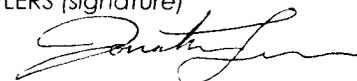
ME 9/8/14 VS,

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

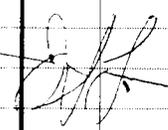
SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

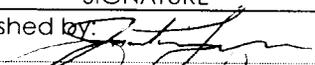
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
DD2-90.5	DD2	90.5'	01A-D	9/8/14	0855	SOIL	4				X	
DD6-91.5	DD6	91.5'	02A-D	↓	0905	SOIL	4				X	
GG2-91.5	GG2	91.5'	03A-D	↓	0915	SOIL	4				X	
GG5-91.5	GG5	91.5'	04A-D	↓	0918	SOIL	4				X	
Sample received at: <u>4</u> °C												
 <u>9/8/14</u>												

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: 	JONATHAN LOEFFLER	SOUNDEARTH	9/8/14	1530
Received by: 	JAMES BRUYA	F & B	9/8/14	1530
Relinquished by:				
Received by:				

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

September 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 8, 2014 from the SOU_0731-004-05_20140908, F&BI 409109 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0911R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140908, F&BI 409109 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409109 -01	Y1WSW-80
409109 -02	Z1WSW-80
409109 -03	AA1WSW-81

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409109

Date Extracted: 09/09/14

Date Analyzed: 09/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Y1WSW-80 409109-01	<2	108
Z1WSW-80 409109-02	<2	108
AA1WSW-81 409109-03	<2	107
Method Blank 04-1793 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409109

Date Extracted: 09/09/14

Date Analyzed: 09/09/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
Y1WSW-80 409109-01	<50	<250	95
Z1WSW-80 409109-02	<50	<250	96
AA1WSW-81 409109-03	<50	<250	93
Method Blank 04-1829 MB	<50	<250	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-80	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409109
Date Extracted:	09/09/14	Lab ID:	409109-01
Date Analyzed:	09/09/14	Data File:	090909.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-80	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409109
Date Extracted:	09/09/14	Lab ID:	409109-02
Date Analyzed:	09/09/14	Data File:	090910.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.097

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-81	Client:	SoundEarth Strategies
Date Received:	09/08/14	Project:	SOU_0731-004-05_20140908, F&BI 409109
Date Extracted:	09/09/14	Lab ID:	409109-03
Date Analyzed:	09/09/14	Data File:	090911.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140908, F&BI 409109
Date Extracted:	09/09/14	Lab ID:	04-1816 mb
Date Analyzed:	09/09/14	Data File:	090908.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409109

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409129-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409109

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

Laboratory Code: 409109-01 (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	108	106	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/08/14

Project: SOU_0731-004-05_20140908, F&BI 409109

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409109-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	58	56	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	78	72	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	74	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	78	10-156	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	83	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	87	87	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	89	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	93	93	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	92	92	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	88	87	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	89	88	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	88	87	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	88	90	20-133	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	89	89	32-137	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	91	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	91	33-134	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	88	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	47-128
Methylene chloride	mg/kg (ppm)	2.5	86	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Benzene	mg/kg (ppm)	2.5	91	68-114
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Toluene	mg/kg (ppm)	2.5	91	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	94	72-114
Ethylbenzene	mg/kg (ppm)	2.5	91	64-123
m,p-Xylene	mg/kg (ppm)	5	93	78-122
o-Xylene	mg/kg (ppm)	2.5	94	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

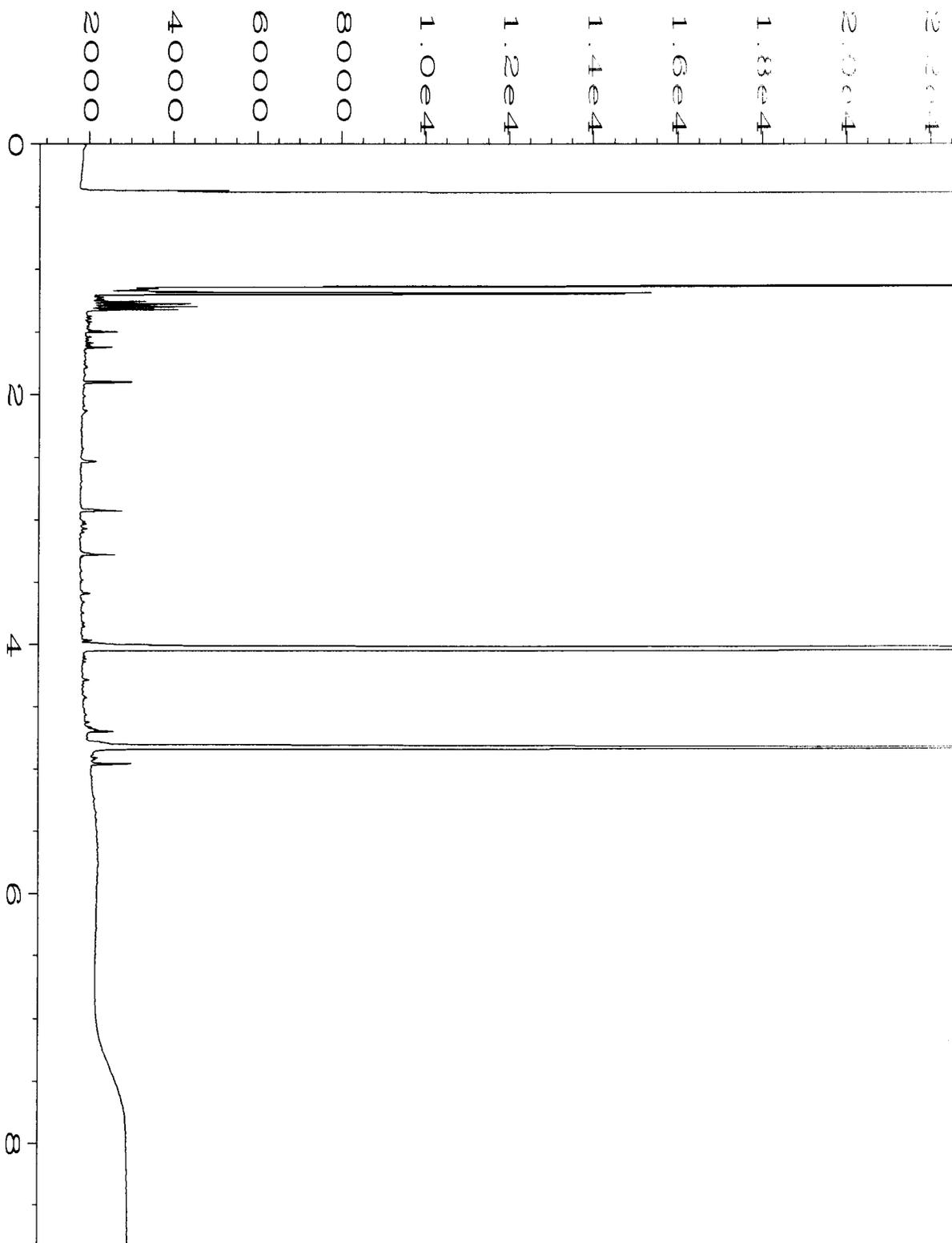
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

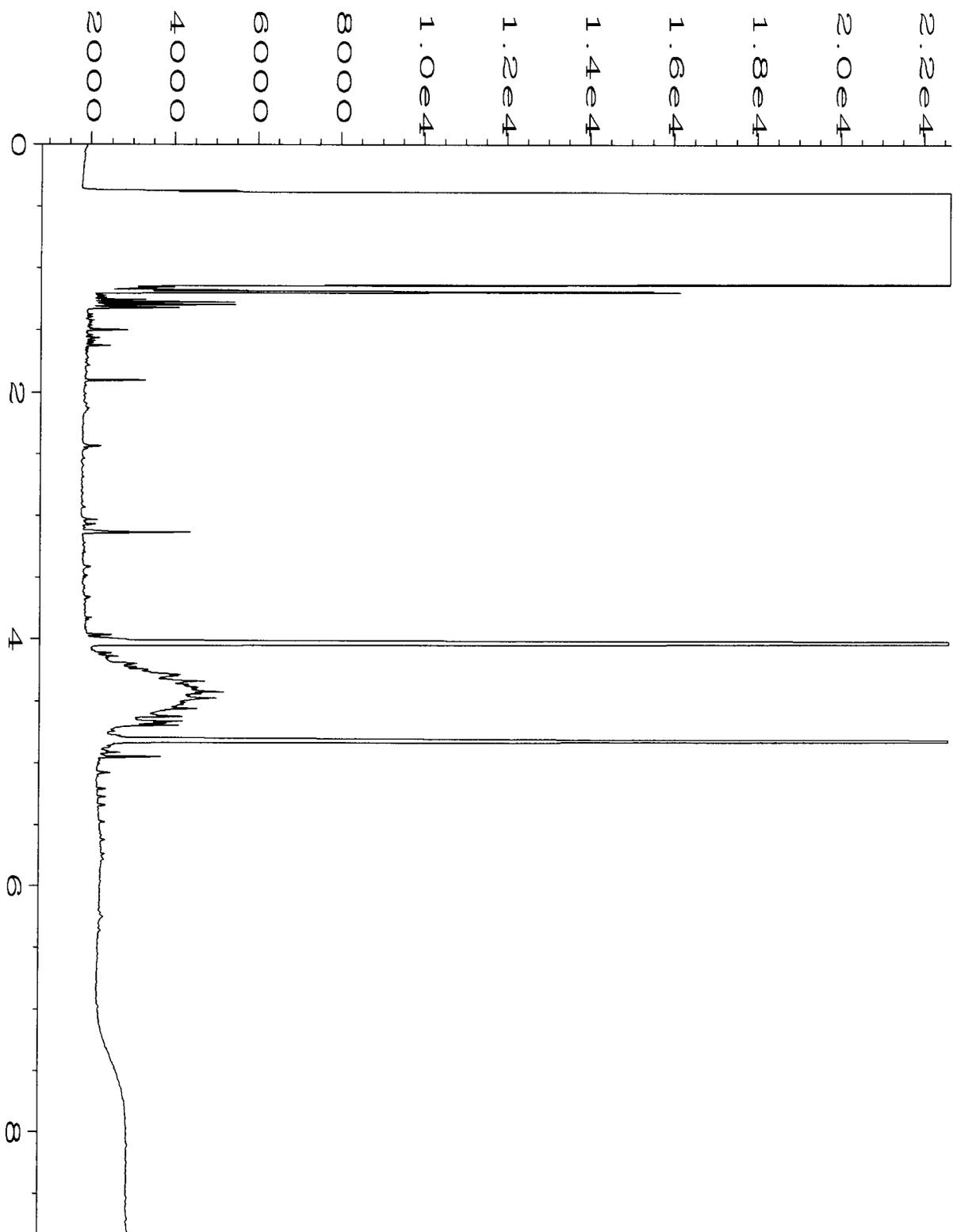
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

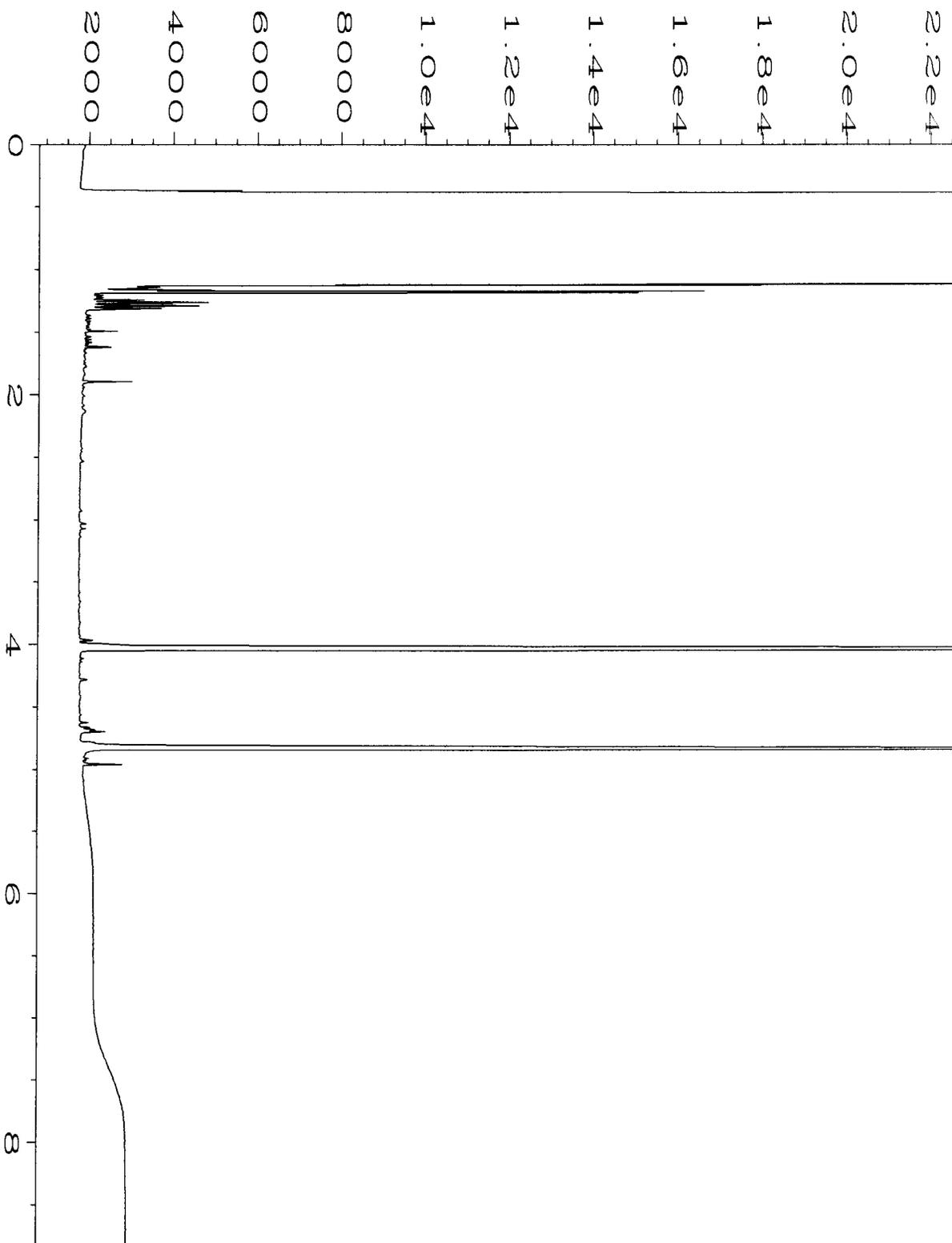
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



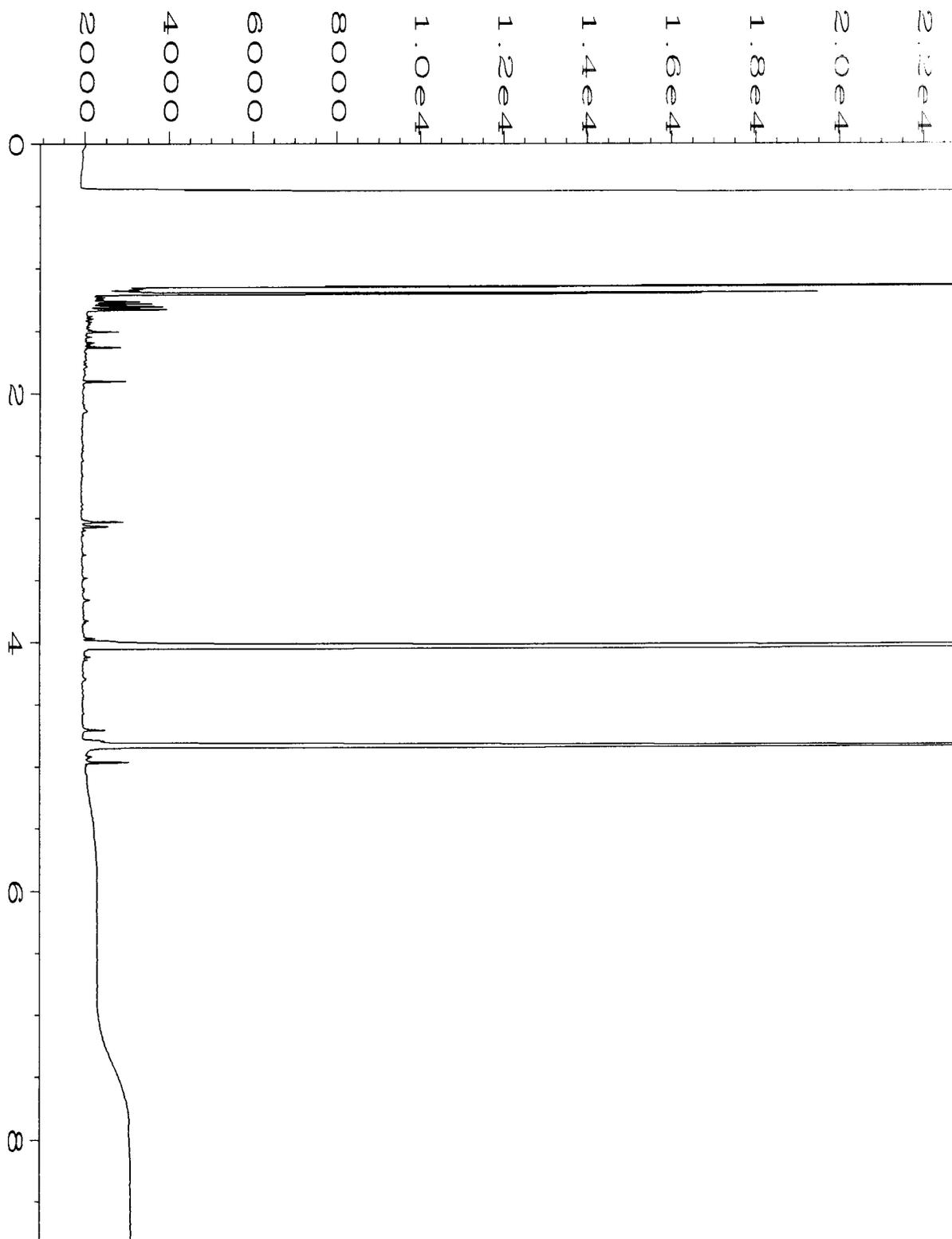
Data File Name	: C:\HPCHEM\4\DATA\09-09-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 409109-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Sep 14 10:38 AM	Analysis Method	: DX.MTH
Report Created on:	09 Sep 14 12:51 PM		



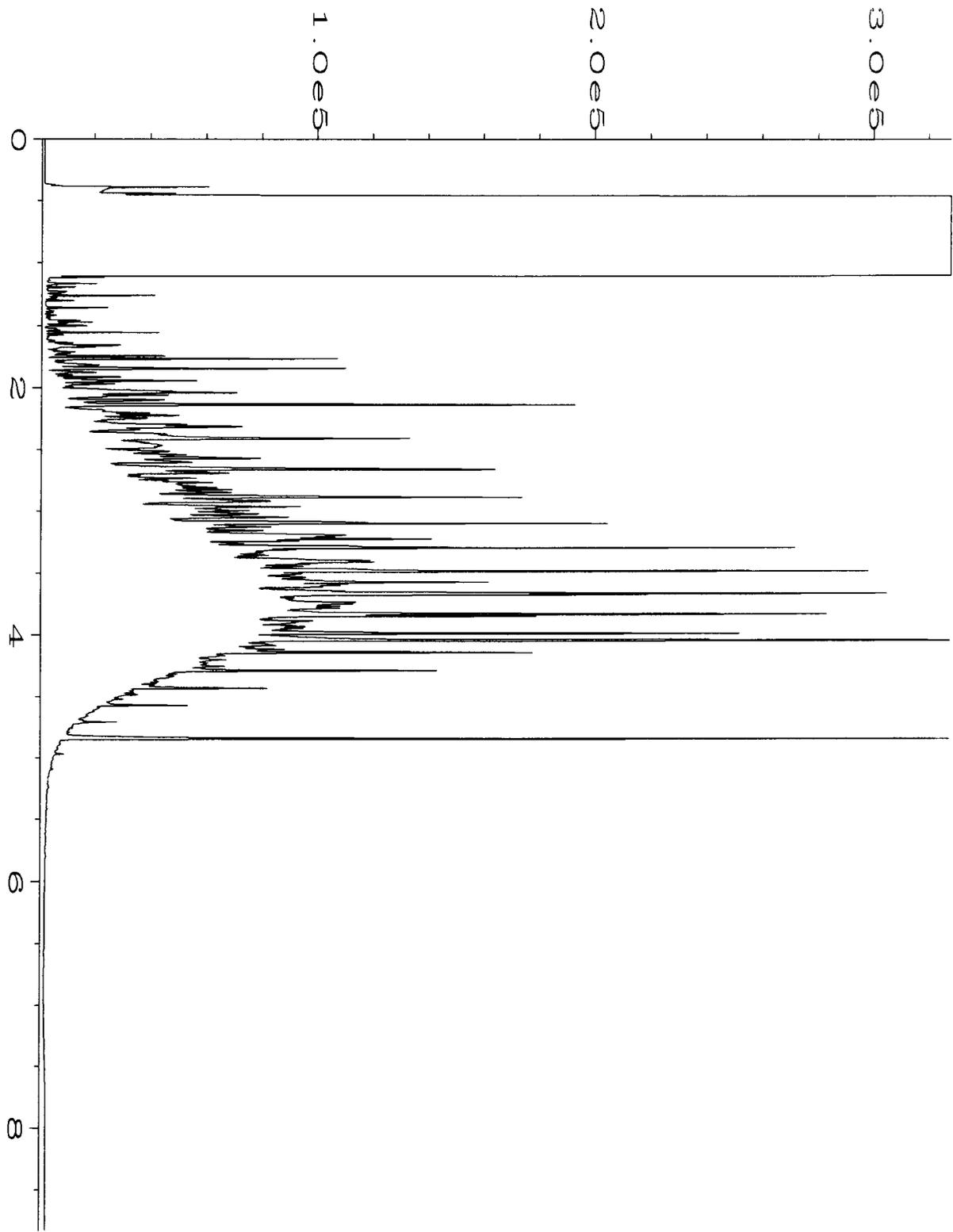
Data File Name	: C:\HPCHEM\4\DATA\09-09-14\011F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 11
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 409109-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Sep 14 10:52 AM	Analysis Method	: DX.MTH
Report Created on:	09 Sep 14 12:51 PM		



Data File Name	: C:\HPCHEM\4\DATA\09-09-14\012F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 12
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 409109-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 09 Sep 14 11:06 AM	Analysis Method	: DX.MTH
Report Created on:	09 Sep 14 12:51 PM		



Data File Name	: C:\HPCHEM\4\DATA\09-09-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-1829 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Sep 14 09:44 AM	Analysis Method	: DX.MTH
Report Created on:	09 Sep 14 12:51 PM		



Data File Name	: C:\HPCHEM\4\DATA\09-09-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Sep 14 09:26 AM	Analysis Method	: DX.MTH
Report Created on:	09 Sep 14 12:52 PM		

409109

SAMPLE CHAIN OF CUSTODY

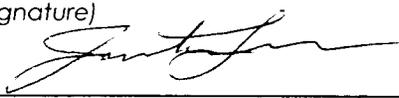
ME 9/8/14 VS, / DO

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

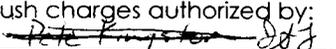
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS Standard (2 week) TAT	EIM Y

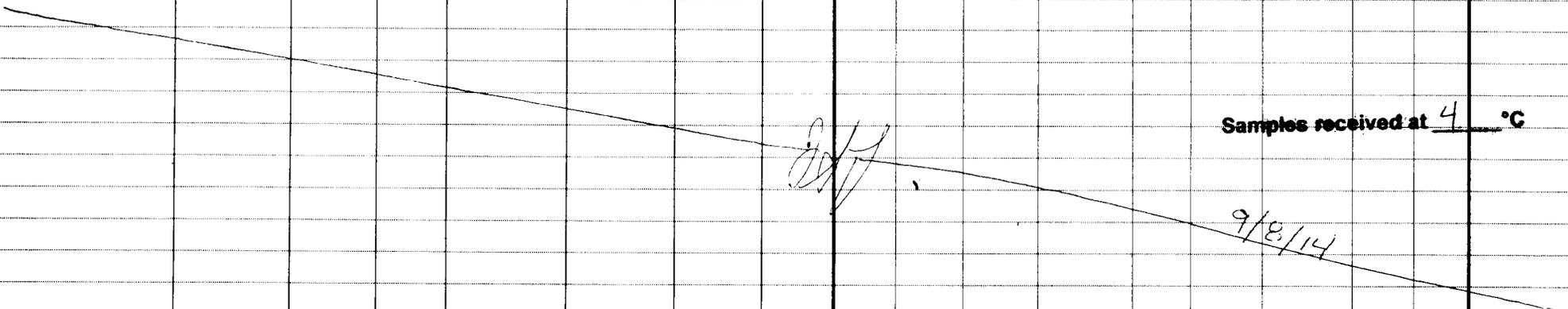
Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH ~~24 H TAT~~ 
 Rush charges authorized by:


SAMPLE DISPOSAL

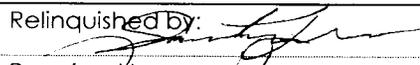
Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Y1WSW-80	Y1WSW	80'	01A-E	9/8/14	1015	SOIL	5	X	X	X	X	
Z1WSW-80	Z1WSW	80'	02A-E	9/8/14	1103	SOIL	5	X	X	X	X	
AA1WSW-81	AA1WSW	81'	03A-G	9/8/14	1110	SOIL	5	X	X	X	X	
												

Samples received at 4 °C

9/8/14

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: 	JONATHAN LOEFFLER	SOUNDEARTH	9/8/14	1530
Received by: 	JAMES BRUYA	F&B	9/8/14	1530
Relinquished by:				
Received by:				

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

September 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 9, 2014 from the SOU_0731-004-05_20140909, F&BI 409130 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0910R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 9, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140909, F&BI 409130 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409130 -01	DD2-89.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD2-89.5	Client:	SoundEarth Strategies
Date Received:	09/09/14	Project:	SOU_0731-004-05_20140909, F&BI 409130
Date Extracted:	09/09/14	Lab ID:	409130-01
Date Analyzed:	09/09/14	Data File:	090918.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140909, F&BI 409130
Date Extracted:	09/09/14	Lab ID:	04-1816 mb
Date Analyzed:	09/09/14	Data File:	090908.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/10/14

Date Received: 09/09/14

Project: SOU_0731-004-05_20140909, F&BI 409130

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409109-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	58	56	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	78	72	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	74	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	78	10-156	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	83	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	87	87	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	89	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	93	93	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	92	92	10-156	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	89	88	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	88	90	20-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	88	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	47-128
Methylene chloride	mg/kg (ppm)	2.5	86	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	94	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409130

SAMPLE CHAIN OF CUSTODY

ME 09-09-14

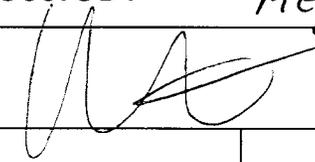
US1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

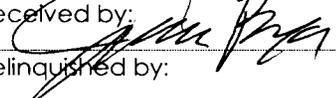
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) X RUSH <u>24 hr</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
DD2-89.5	DD2	89.5	01A-D	9/9/14	1000	soil	4				X	
CP 9/9/14												

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
	Courtney Porter	SoundEarth	9/9/14	1340
	James Bruya	F&B	9/9/14	1340
Received by:		Samples received at <u>6</u> °C		

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

September 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 10, 2014 from the SOU_0731-004-05_20140910, F&BI 409153 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0911R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140910, F&BI 409153 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409153 -01	DD2-85

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD2-85	Client:	SoundEarth Strategies
Date Received:	09/10/14	Project:	SOU_0731-004-05_20140910, F&BI 409153
Date Extracted:	09/10/14	Lab ID:	409153-01
Date Analyzed:	09/10/14	Data File:	091025.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140910, F&BI 409153
Date Extracted:	09/10/14	Lab ID:	04-1819 mb
Date Analyzed:	09/10/14	Data File:	091011.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/10/14

Project: SOU_0731-004-05_20140910, F&BI 409153

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409105-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	26	26	10-80	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	34	36	9-92	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	37	37	11-98	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	55	55	23-111	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	45	46	23-103	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	50	53	31-104	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	55	57	34-107	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	54	55	44-98	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	47	48	27-106	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	52	53	38-101	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	53	55	32-104	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	29-137
Chloroethane	mg/kg (ppm)	2.5	88	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	56-126
Methylene chloride	mg/kg (ppm)	2.5	103	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	70-123
Trichloroethene	mg/kg (ppm)	2.5	100	73-118
Tetrachloroethene	mg/kg (ppm)	2.5	105	75-117

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409153

SAMPLE CHAIN OF CUSTODY

ME 09-10-14

VS 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

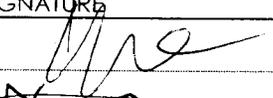
Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
X RUSHZ₄-hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
DD2-85	DD2	85	01 A.D	9/10/14	1155	soil	4				X	
<i>CP 9/10/14</i>												

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: 	Courtney Porter	SoundEarth	9/10/14	1435
Received by: 	huff by rta	FBta	9/10/14	1725
Relinquished by:				
Received by:				

Samples received at 4 °C

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 10, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on September 10, 2014 from the SOU_0731-004-05_20140910, F&BI 409154 project. Per your request, sample ID DD23-82.5 has been amended to CC23-82.5.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0911R.DOC

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

September 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 10, 2014 from the SOU_0731-004-05_20140910, F&BI 409154 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0911R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140910, F&BI 409154 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409154 -01	EE22-85
409154 -02	CC23-82.5
409154 -03	Duplicate10

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE22-85	Client:	SoundEarth Strategies
Date Received:	09/10/14	Project:	SOU_0731-004-05_20140910, F&BI 409154
Date Extracted:	09/10/14	Lab ID:	409154-01
Date Analyzed:	09/10/14	Data File:	091026.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	82	129
Toluene-d8	100	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC23-82.5	Client:	SoundEarth Strategies
Date Received:	09/10/14	Project:	SOU_0731-004-05_20140910, F&BI 409154
Date Extracted:	09/10/14	Lab ID:	409154-02
Date Analyzed:	09/10/14	Data File:	091027.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	99	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate10	Client:	SoundEarth Strategies
Date Received:	09/10/14	Project:	SOU_0731-004-05_20140910, F&BI 409154
Date Extracted:	09/10/14	Lab ID:	409154-03
Date Analyzed:	09/10/14	Data File:	091028.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	82	129
Toluene-d8	98	23	185
4-Bromofluorobenzene	98	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140910, F&BI 409154
Date Extracted:	09/10/14	Lab ID:	04-1819 mb
Date Analyzed:	09/10/14	Data File:	091011.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	82	129
Toluene-d8	99	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/11/14

Date Received: 09/10/14

Project: SOU_0731-004-05_20140910, F&BI 409154

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409105-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	26	26	10-80	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	34	36	9-92	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	37	37	11-98	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	55	55	23-111	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	45	46	23-103	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	50	53	31-104	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	55	57	34-107	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	54	55	44-98	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	47	48	27-106	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	52	53	38-101	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	53	55	32-104	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	29-137
Chloroethane	mg/kg (ppm)	2.5	88	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	56-126
Methylene chloride	mg/kg (ppm)	2.5	103	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	70-123
Trichloroethene	mg/kg (ppm)	2.5	100	73-118
Tetrachloroethene	mg/kg (ppm)	2.5	105	75-117

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409154

SAMPLE CHAIN OF CUSTODY

ME 09-10-14

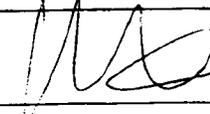
VS1/CT

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) XRUSH <u>24-hr</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
EE22-85	EE22	85	01A	9/10/14	0840	Soil	5				X	
DD23-825	DD23	825	02	9/10/14	1000	Soil	5				X	
Duplicate 10			03	9/10/14	1005	Soil	5				X	
<i>Tip 9/16/14</i>												

CL23
POPK
6/6/15
MC

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: 	Courtney Porter	SoundEarth	9/10/14	1435
Received by: 	Matthew Oster	FIRST	9/10/14	1435
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 12, 2014 from the SOU_0731-004-05_20140902, F&BI 409222 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0915R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 12, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140902, F&BI 409222 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409222 -01	X9-70
409222 -02	X9-65
409222 -03	X9-60
409222 -04	X9-55
409222 -05	X12-68
409222 -06	X12-65
409222 -07	X12-60
409222 -08	X12-55

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X9-70	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-01
Date Analyzed:	09/12/14	Data File:	091214.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X9-65	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-02
Date Analyzed:	09/12/14	Data File:	091215.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.086

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X9-60	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-03
Date Analyzed:	09/12/14	Data File:	091216.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.050

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X9-55	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-04
Date Analyzed:	09/12/14	Data File:	091217.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X12-68	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-05
Date Analyzed:	09/12/14	Data File:	091218.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzen e	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X12-65	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-06
Date Analyzed:	09/12/14	Data File:	091219.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X12-60	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-07
Date Analyzed:	09/12/14	Data File:	091220.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X12-55	Client:	SoundEarth Strategies
Date Received:	09/12/14	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	409222-08
Date Analyzed:	09/12/14	Data File:	091221.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140902
Date Extracted:	09/12/14	Lab ID:	04-1822 mb
Date Analyzed:	09/12/14	Data File:	091208.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/15/14

Date Received: 09/12/14

Project: SOU_0731-004-05_20140902, F&BI 409222

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409136-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	45	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	64	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	60	57	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	60	10-156	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	68	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	75	72	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	77	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	67	21-139	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	68	59	20-133	14

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	82	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409222

SAMPLE CHAIN OF CUSTODY

ME 09-02-14

VS2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hr. TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	Notes
X9-70	X9	70'	01	9/12/14	0830	SOIL	4				X	
X9-65	X9	65'	02		0836	SOIL	4				X	
X9-60	X9	60'	03		0845	SOIL	4				X	
X9-55	X9	55'	04		0853	SOIL	4				X	
X12-68	X12	68'	05		0903	SOIL	4				X	
X12-65	X12	65'	06		0907	SOIL	4				X	
X12-60	X12	60'	07		0913	SOIL	4				X	
X12-55	X12	55'	08		0920	SOIL	4				X	
Sample received at 4 °C												
 9/12/14												

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:	JONATHAN LOEFFLER	SOUNDEARTH	9/12/14	1440
Received by:	Pete Kingston	F B K	9/12/14	1440
Relinquished by:				
Received by:				

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

September 16, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 15, 2014 from the SOU_0731-004-05_20140915, F&BI 409246 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0916R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140915, F&BI 409246 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409246 -01	Z7-70
409246 -02	Z7-65
409246 -03	Z7-60
409246 -04	CC2-70
409246 -05	CC2-65
409246 -06	CC2-60
409246 -07	CC2-55
409246 -08	CC5-70
409246 -09	CC5-65
409246 -10	CC5-60

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-70	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-01
Date Analyzed:	09/15/14	Data File:	091530.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-65	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-02
Date Analyzed:	09/15/14	Data File:	091531.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-60	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-03
Date Analyzed:	09/15/14	Data File:	091532.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC2-70	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-04
Date Analyzed:	09/15/14	Data File:	091533.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC2-65	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-05
Date Analyzed:	09/15/14	Data File:	091534.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC2-60	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-06
Date Analyzed:	09/15/14	Data File:	091535.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC2-55	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-07
Date Analyzed:	09/15/14	Data File:	091536.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC5-70	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-08
Date Analyzed:	09/15/14	Data File:	091537.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC5-65	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	409246-09
Date Analyzed:	09/16/14	Data File:	091538.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140915, F&BI 409246
Date Extracted:	09/15/14	Lab ID:	04-1827 mb
Date Analyzed:	09/15/14	Data File:	091524.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/16/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409246

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409227-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	40	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	60	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	57	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	57	56	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	65	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	68	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	72	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	75	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	68	10-156	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	71	71	21-139	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	73	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	47-128
Methylene chloride	mg/kg (ppm)	2.5	85	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	103	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	62-131
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409246

SAMPLE CHAIN OF CUSTODY

ME 09-15-14

Page # 1 of 1 US2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) X RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
Z7-70	Z7	70'	01 A-D	9/15/14	1158	SOIL	4				X		
Z7-65	Z7	65'	02	9/15/14	1203	SOIL	4				X		
Z7-60	Z7	60'	03	9/15/14	1210	SOIL	4				X		
CC2-70	CC2	70'	04	9/15/14	1310	SOIL	4				X		
CC2-65	CC2	65'	05	9/15/14	1315	SOIL	4				X		
CC2-60	CC2	60'	06	9/15/14	1321	SOIL	4				X		
CC2-55	CC2	55'	07	9/15/14	1330	SOIL	4				X		
CC5-70	CC2	70'	08	9/15/14	1342	SOIL	4				X		
CC5-65	CC2	65'	09	9/15/14	1348	SOIL	4				X		
CC5-60	CC2	60'	10 ✓	9/15/14	1355	SOIL	4				X	X	

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:	JONATHAN LOEFFLER	SOUNDEARTH	9/15/14	1515
Received by:	Pete Kingston	FIBer	9/15/14	1515
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on September 15, 2014 from the SOU_0731-004-05_20140915, F&BI 409247 project. BTEX has been added to the 8260C report.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0922R.DOC

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

September 22, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 15, 2014 from the SOU_0731-004-05_20140915, F&BI 409247 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0922R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140915, F&BI 409247 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409247 -01	Z1WSW-75
409247 -02	Y1WSW-75
409247 -03	V1WSW-74
409247 -04	JJ4SSW-94
409247 -05	JJ6SSW-95
409247 -06	JJ8SSW-88
409247 -07	U1WSW-72
409247 -08	JJ2SSW-93

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

Date Extracted: 09/16/14

Date Analyzed: 09/17/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Z1WSW-75 409247-01	<2	91
Y1WSW-75 409247-02	<2	94
V1WSW-74 409247-03	<2	94
U1WSW-72 409247-07	<2	97
Method Blank 04-1842 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

Date Extracted: 09/17/14

Date Analyzed: 09/17/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
Z1WSW-75 409247-01	<50	<250	101
Y1WSW-75 409247-02	<50	<250	97
V1WSW-74 409247-03	<50	<250	86
U1WSW-72 409247-07	<50	<250	90
Method Blank 04-1881 MB	<50	<250	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-75	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915
Date Extracted:	09/16/14	Lab ID:	409247-01
Date Analyzed:	09/16/14	Data File:	091608.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-75	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915
Date Extracted:	09/16/14	Lab ID:	409247-02
Date Analyzed:	09/16/14	Data File:	091609.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-74	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915
Date Extracted:	09/16/14	Lab ID:	409247-03
Date Analyzed:	09/16/14	Data File:	091610.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-72	Client:	SoundEarth Strategies
Date Received:	09/15/14	Project:	SOU_0731-004-05_20140915
Date Extracted:	09/16/14	Lab ID:	409247-07
Date Analyzed:	09/16/14	Data File:	091611.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140915
Date Extracted:	09/16/14	Lab ID:	04-1827 mb2
Date Analyzed:	09/16/14	Data File:	091605.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409235-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

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

Laboratory Code: 409274-04 (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	117	111	64-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	114	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409227-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	40	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	60	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	57	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	57	56	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	65	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	68	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	72	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	75	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	71	68	10-156	4
Benzene	mg/kg (ppm)	2.5	<0.03	70	69	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	71	71	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	73	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	76	75	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	77	75	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	78	76	33-134	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/15/14

Project: SOU_0731-004-05_20140915, F&BI 409247

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	47-128
Methylene chloride	mg/kg (ppm)	2.5	85	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	103	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	62-131
Benzene	mg/kg (ppm)	2.5	97	68-114
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Toluene	mg/kg (ppm)	2.5	102	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114
Ethylbenzene	mg/kg (ppm)	2.5	103	64-123
m,p-Xylene	mg/kg (ppm)	5	105	78-122
o-Xylene	mg/kg (ppm)	2.5	105	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Arina Podnozova, B.S.
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3012 16th Avenue West
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September 17, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 16, 2014 from the SOU_0731-004-05_20140916, F&BI 409270 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0917R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140916, F&BI 409270 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409270 -01	Z10-68
409270 -02	Z10-65
409270 -03	Z10-60
409270 -04	Z10-55
409270 -05	V12-60
409270 -06	V12-55
409270 -07	V12-50
409270 -08	T12-60
409270 -09	T12-55
409270 -10	T12-50
409270 -11	R2-60
409270 -12	R2-55
409270 -13	R2-50
409270 -14	Q7-60
409270 -15	Q7-55
409270 -16	Q7-50
409270 -17	DUPLICATE11

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z10-68	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-01
Date Analyzed:	09/16/14	Data File:	091622.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzen e	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z10-65	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-02
Date Analyzed:	09/16/14	Data File:	091623.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z10-60	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-03
Date Analyzed:	09/16/14	Data File:	091624.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z10-55	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-04
Date Analyzed:	09/16/14	Data File:	091625.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V12-60	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-05
Date Analyzed:	09/16/14	Data File:	091626.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V12-55	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-06
Date Analyzed:	09/16/14	Data File:	091627.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V12-50	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-07
Date Analyzed:	09/16/14	Data File:	091628.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T12-60	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-08
Date Analyzed:	09/16/14	Data File:	091629.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T12-55	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-09
Date Analyzed:	09/16/14	Data File:	091630.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T12-50	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-10
Date Analyzed:	09/16/14	Data File:	091631.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R2-60	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-11
Date Analyzed:	09/16/14	Data File:	091632.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R2-55	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-12
Date Analyzed:	09/16/14	Data File:	091633.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R2-50	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-13
Date Analyzed:	09/16/14	Data File:	091634.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q7-60	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-14
Date Analyzed:	09/16/14	Data File:	091635.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q7-55	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-15
Date Analyzed:	09/16/14	Data File:	091636.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q7-50	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-16
Date Analyzed:	09/16/14	Data File:	091637.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE11	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	409270-17
Date Analyzed:	09/16/14	Data File:	091638.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140916, F&BI 409270
Date Extracted:	09/16/14	Lab ID:	04-1874 mb
Date Analyzed:	09/16/14	Data File:	091621.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409270

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409270-09 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	42	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	58	59	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	59	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	61	64	10-156	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	69	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	73	73	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	78	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	82	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	77	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	75	76	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	82	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	22-139
Chloroethane	mg/kg (ppm)	2.5	81	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	62-131
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	99	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409270

SAMPLE CHAIN OF CUSTODY

MG 89/16/14

153

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

TURNAROUND TIME
Standard (2 Weeks)
* RUSH 24hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C					Notes
Z10-68	Z10	68'	01 ^{A-}	9/16/14	0801	SOIL	4				X					
Z10-65	Z10	65'	02		0807	SOIL	4				X					
Z10-60	Z10	60'	03		0811	SOIL	4				X					
Z10-55	Z10	55'	04		0817	SOIL	4				X					
V12-60	V12	60'	05		0833	SOIL	4				X					
V12-55	V12	55'	06		0840	SOIL	4				X					
V12-50	V12	50'	07		0848	SOIL	4				X					
T12-60	T12	60'	08		0913	SOIL	4				X					
T12-55	T12	55'	09		0925	SOIL	4				X					
T12-50	T12	50'	10		0934	SOIL	4				X					
R12-60	R12	60'	11		0944	SOIL	4				X					
R12-55	R12	55'	12		0950	SOIL	4				X					
R12-50	R12	50'	13		0955	SOIL	4				X					

R2 ↓

per CP 9/17/14

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:	JONATHAN LOEFFLER	SOUNDEARTH	9/16/14	1505
Received by:	Matt Lyden	FISHER	9/16/14	1505
Relinquished by:				
Received by:				

Sample received at 4

409270

SAMPLE CHAIN OF CUSTODY

ME 09/16/14

Page # 2 of 2 vs 3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) KRUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Q7-60	Q7	60"	14 ^A	9/16/14	1008	SOIL	4				X	
Q7-55	Q7	55'	15	9/16/14	1120	SOIL	4				X	
Q7-50	Q7	50'	16	9/16/14	1128	SOIL	4				X	
DUPLICATE 11	—	—	17	9/16/14	0915	SOIL	4				X	

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:	JONATHAN LOEFFLER	SOUNDEARTH	9/16/14	1505
Received by:	Matt Truysta	FBI	9/16/14	1505
Relinquished by:				
Received by:				

Samples received at 4.1 °C

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

September 24, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 16, 2014 from the SOU_0731-004-05_20140916, F&BI 409271 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0924R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140916, F&BI 409271 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409271 -01	AA1WSW-76
409271 -02	CC1WSW-83
409271 -03	DD1WSW-86

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409271

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
AA1WSW-76 409271-01	<2	87
CC1WSW-83 409271-02	<2	91
DD1WSW-86 409271-03	<2	91
Method Blank 04-1905 MB	<2	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409271

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
AA1WSW-76 409271-01	<50	<250	87
CC1WSW-83 409271-02	<50	<250	84
DD1WSW-86 409271-03	<50	<250	87
Method Blank 04-1922 MB	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-76	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409271
Date Extracted:	09/18/14	Lab ID:	409271-01
Date Analyzed:	09/18/14	Data File:	091837.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-83	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409271
Date Extracted:	09/18/14	Lab ID:	409271-02
Date Analyzed:	09/18/14	Data File:	091838.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-86	Client:	SoundEarth Strategies
Date Received:	09/16/14	Project:	SOU_0731-004-05_20140916, F&BI 409271
Date Extracted:	09/18/14	Lab ID:	409271-03
Date Analyzed:	09/18/14	Data File:	091839.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140916, F&BI 409271
Date Extracted:	09/18/14	Lab ID:	04-1893 mb
Date Analyzed:	09/18/14	Data File:	091826.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409271

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409271

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

Laboratory Code: 409344-05 (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	115	109	64-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/16/14

Project: SOU_0731-004-05_20140916, F&BI 409271

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409318-07 (Matrix Spike)

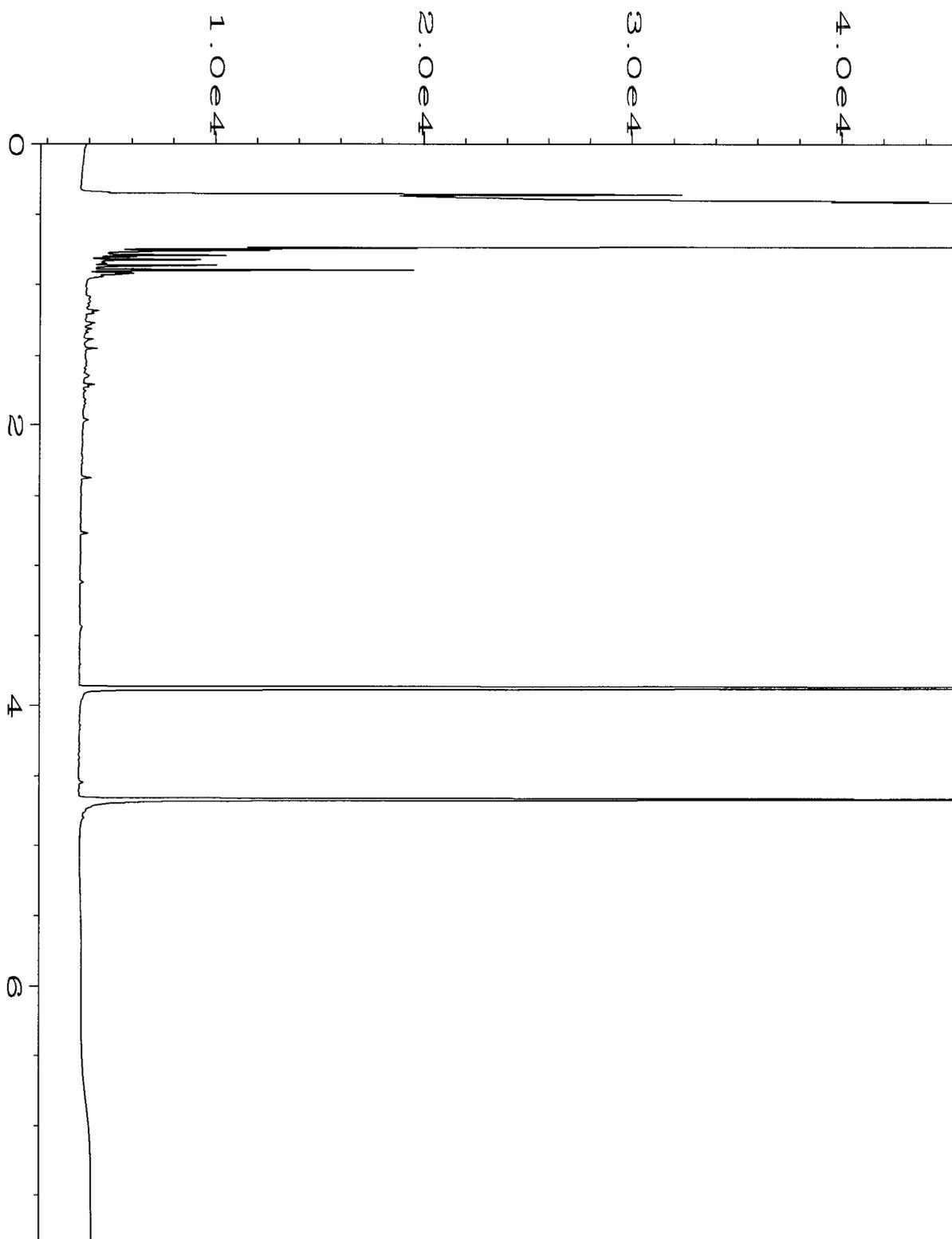
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	53	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	83	79	10-176	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	73	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	72	74	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	86	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	90	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	92	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
Benzene	mg/kg (ppm)	2.5	<0.03	83	85	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	89	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	86	88	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	90	93	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	90	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	91	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	94	33-134	3

Laboratory Code: Laboratory Control Sample

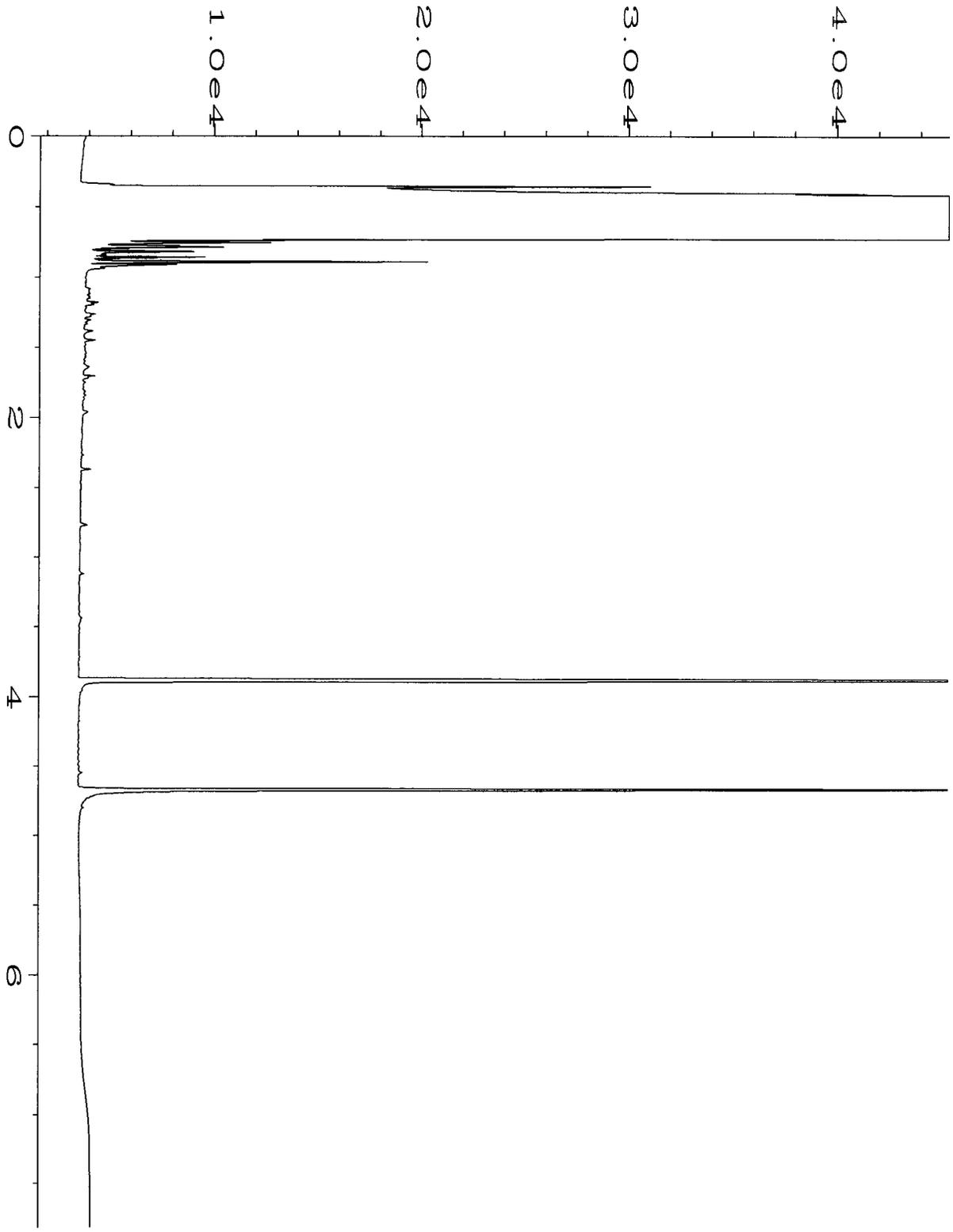
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	22-139
Chloroethane	mg/kg (ppm)	2.5	100	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	87	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	62-131
Benzene	mg/kg (ppm)	2.5	95	68-114
Trichloroethene	mg/kg (ppm)	2.5	98	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	98	64-123
m,p-Xylene	mg/kg (ppm)	5	101	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

Data Qualifiers & Definitions

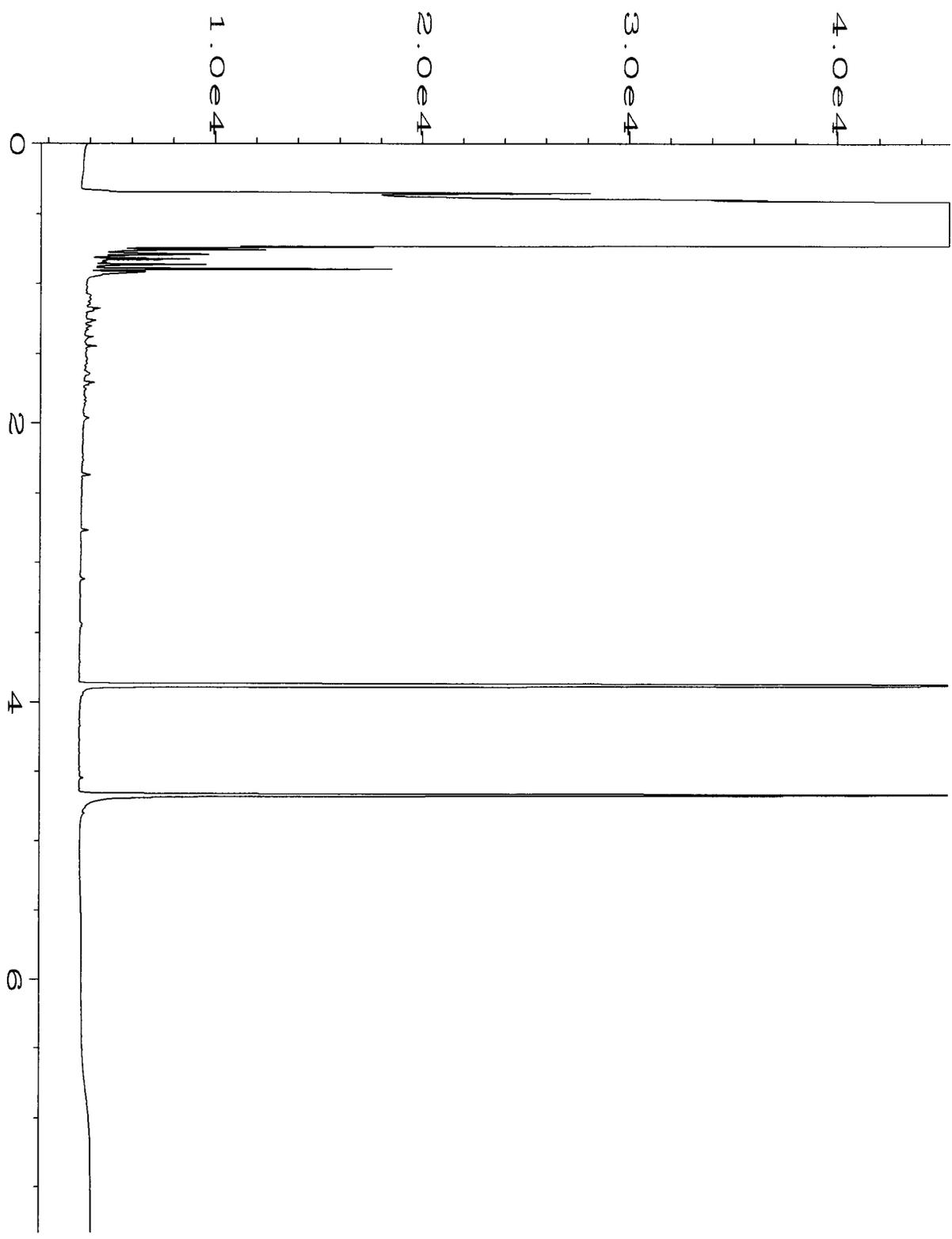
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



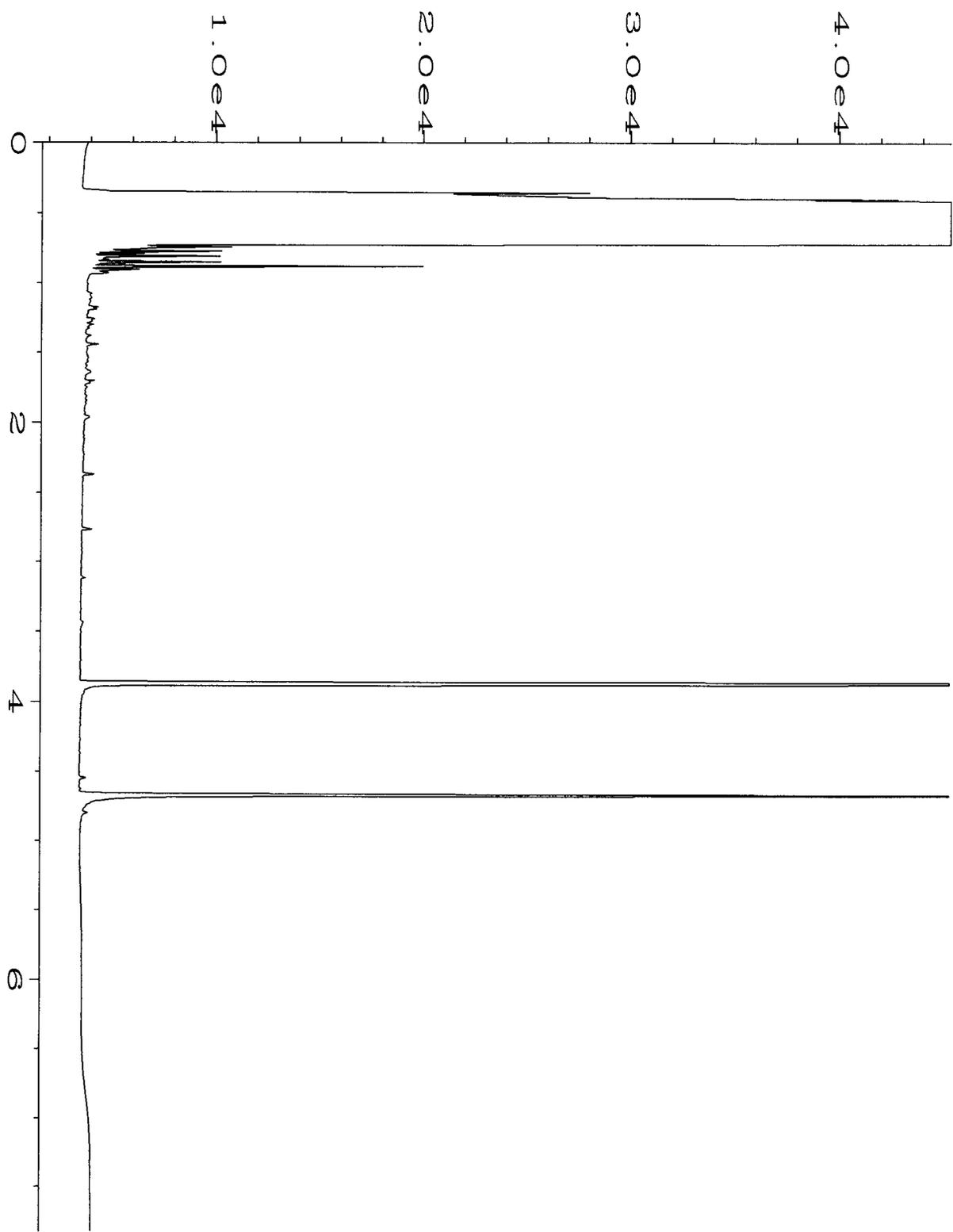
Data File Name	: C:\HPCHEM\6\DATA\09-19-14\039F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 39
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409271-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 04:56 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:16 AM		



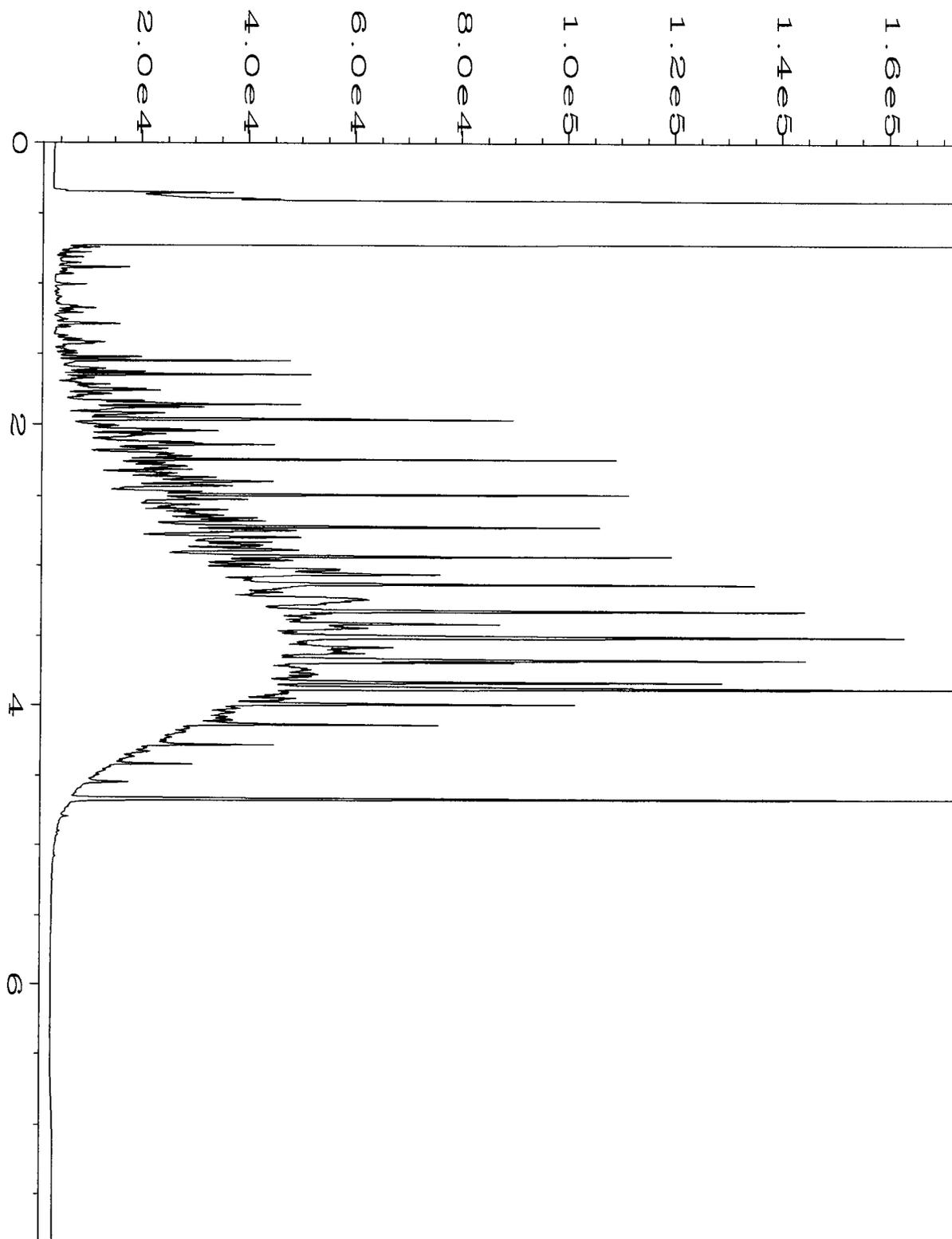
Data File Name	: C:\HPCHEM\6\DATA\09-19-14\040F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 40
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409271-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 05:09 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:16 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\041F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 41
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409271-03	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 05:22 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:16 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\030F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 30
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1922 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 02:56 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 08:57 AM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		

409271

SAMPLE CHAIN OF CUSTODY

MG 09-16-14 1 of 1 CEI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS CO-PO PK 9/16/14 MC	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
AAIWSW-76	AAI WSW	76'	01AE	9/16/14	0745	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CCIWSW-83	CCI WSW	83'	02	9/16/14	0755	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DDIWSW-86	DDI WSW	86'	03	9/16/14	1044	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>Hold</i>												
<i>9/16/14</i>												

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	9/16/14	1505
Received by: <i>McH Langate</i>		FBI	9/16/14	1505
Relinquished by:				
Received by:				
Samples received at 4 °C				

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

September 24, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 17, 2014 from the SOU_0731-004-05_20140917, F&BI 409293 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0924R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 17, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140917, F&BI 409293 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409293 -01	EE1WSW-87
409293 -02	JJ1SWSW-87
409293 -03	JJ2SSW-88
409293 -04	JJ4SSW-89
409293 -05	JJ6SSW-90
409293 -06	II1WSW-87
409293 -07	U30ESW-88

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409293

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
EE1WSW-87 409293-01	<2	78
JJ1SWSW-87 409293-02	<2	92
JJ6SSW-90 409293-05	<2	90
Method Blank 04-1905 MB	<2	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409293

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
EE1WSW-87 409293-01	<50	<250	91
JJ1SWSW-87 409293-02	<50	<250	82
JJ6SSW-90 409293-05	<50	<250	97
Method Blank 04-1922 MB	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE1WSW-87	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917, F&BI 409293
Date Extracted:	09/18/14	Lab ID:	409293-01
Date Analyzed:	09/19/14	Data File:	091840.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1SWSW-87	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917, F&BI 409293
Date Extracted:	09/18/14	Lab ID:	409293-02
Date Analyzed:	09/19/14	Data File:	091841.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ6SSW-90	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917, F&BI 409293
Date Extracted:	09/18/14	Lab ID:	409293-05
Date Analyzed:	09/19/14	Data File:	091842.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140917, F&BI 409293
Date Extracted:	09/18/14	Lab ID:	04-1893 mb
Date Analyzed:	09/18/14	Data File:	091826.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409293

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409293

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

Laboratory Code: 409344-05 (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	115	109	64-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409293

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409318-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	53	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	83	79	10-176	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	73	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	72	74	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	86	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	90	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	92	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
Benzene	mg/kg (ppm)	2.5	<0.03	83	85	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	89	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	86	88	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	90	93	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	90	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	91	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	94	33-134	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	22-139
Chloroethane	mg/kg (ppm)	2.5	100	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	87	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	62-131
Benzene	mg/kg (ppm)	2.5	95	68-114
Trichloroethene	mg/kg (ppm)	2.5	98	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	98	64-123
m,p-Xylene	mg/kg (ppm)	5	101	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

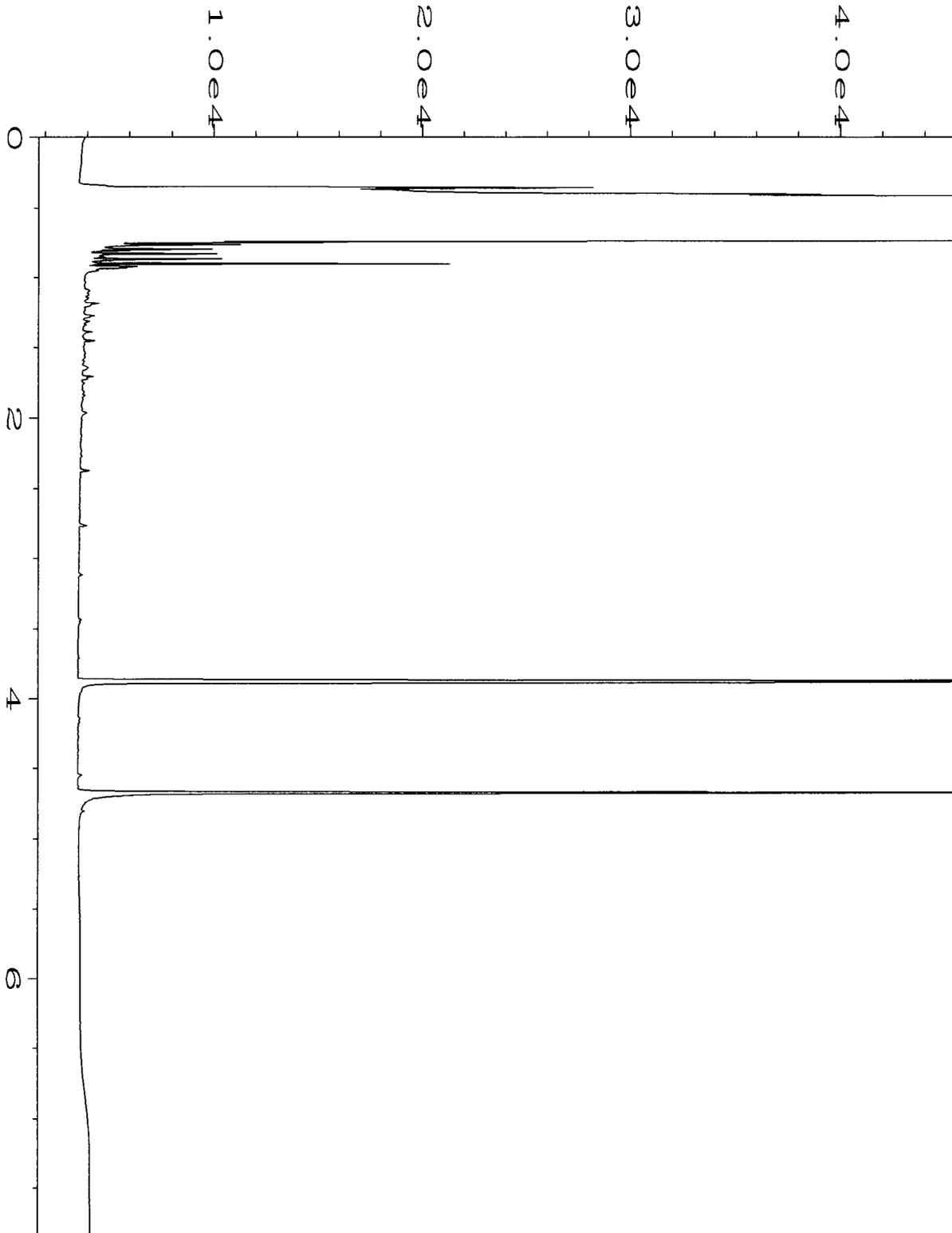
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

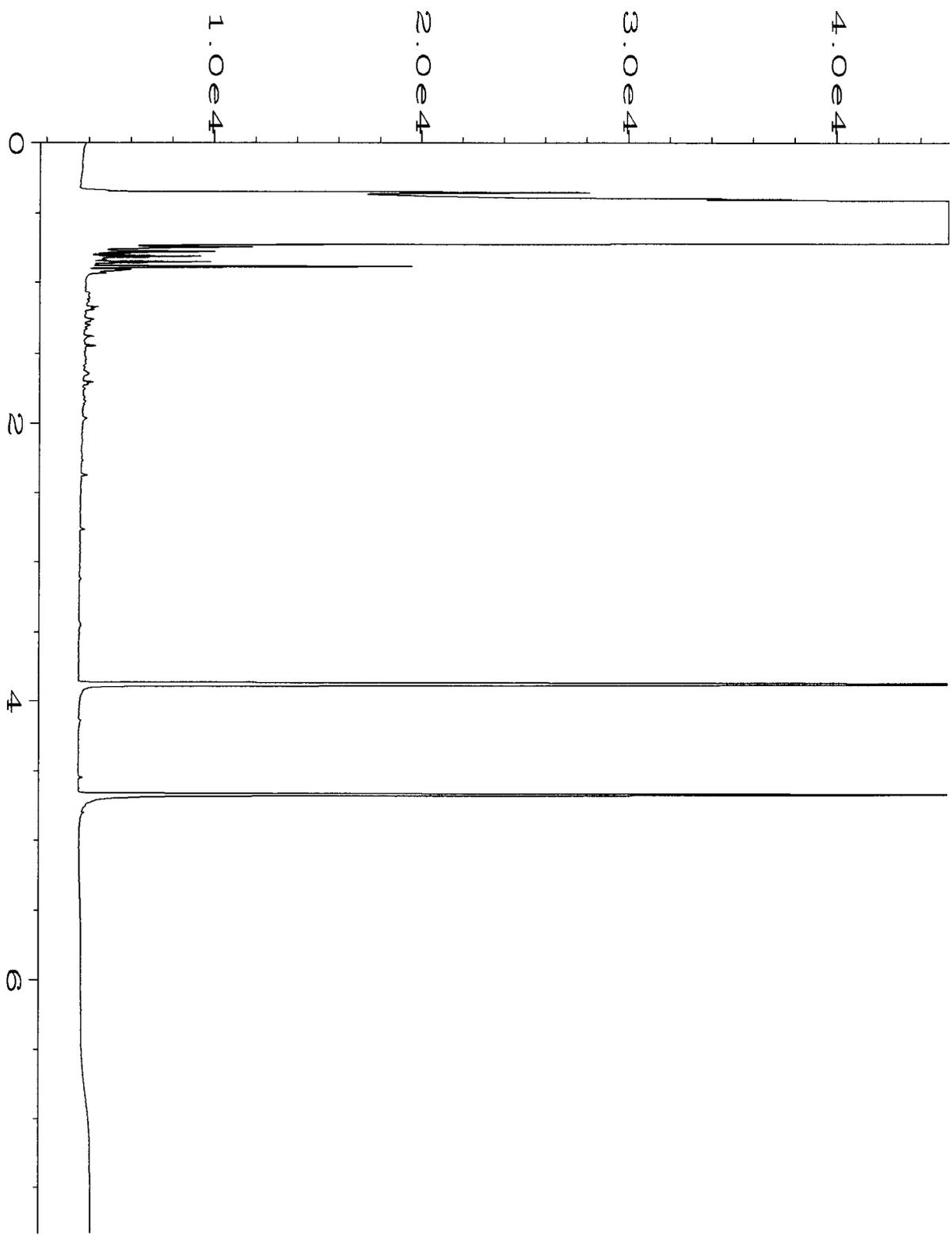
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

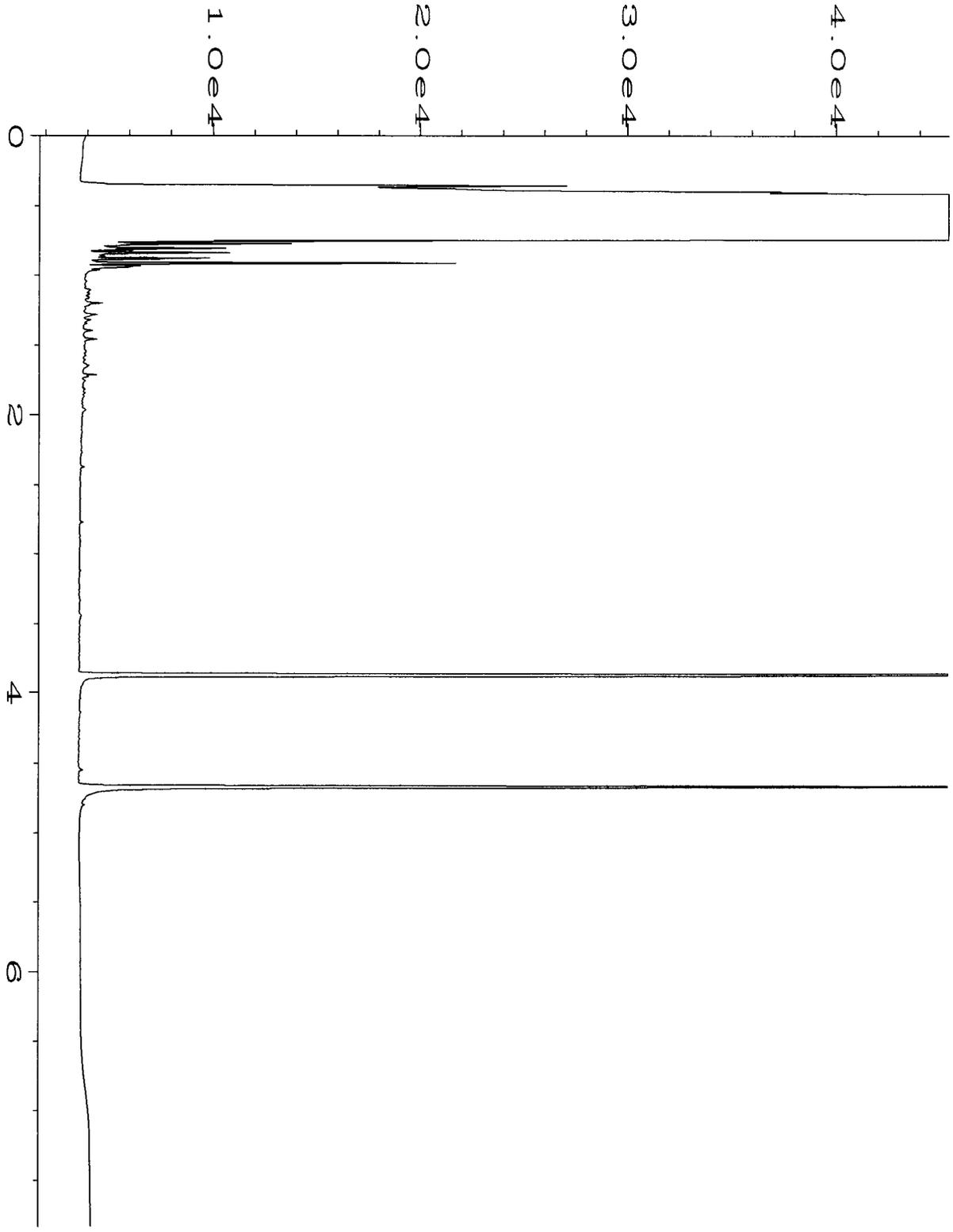
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



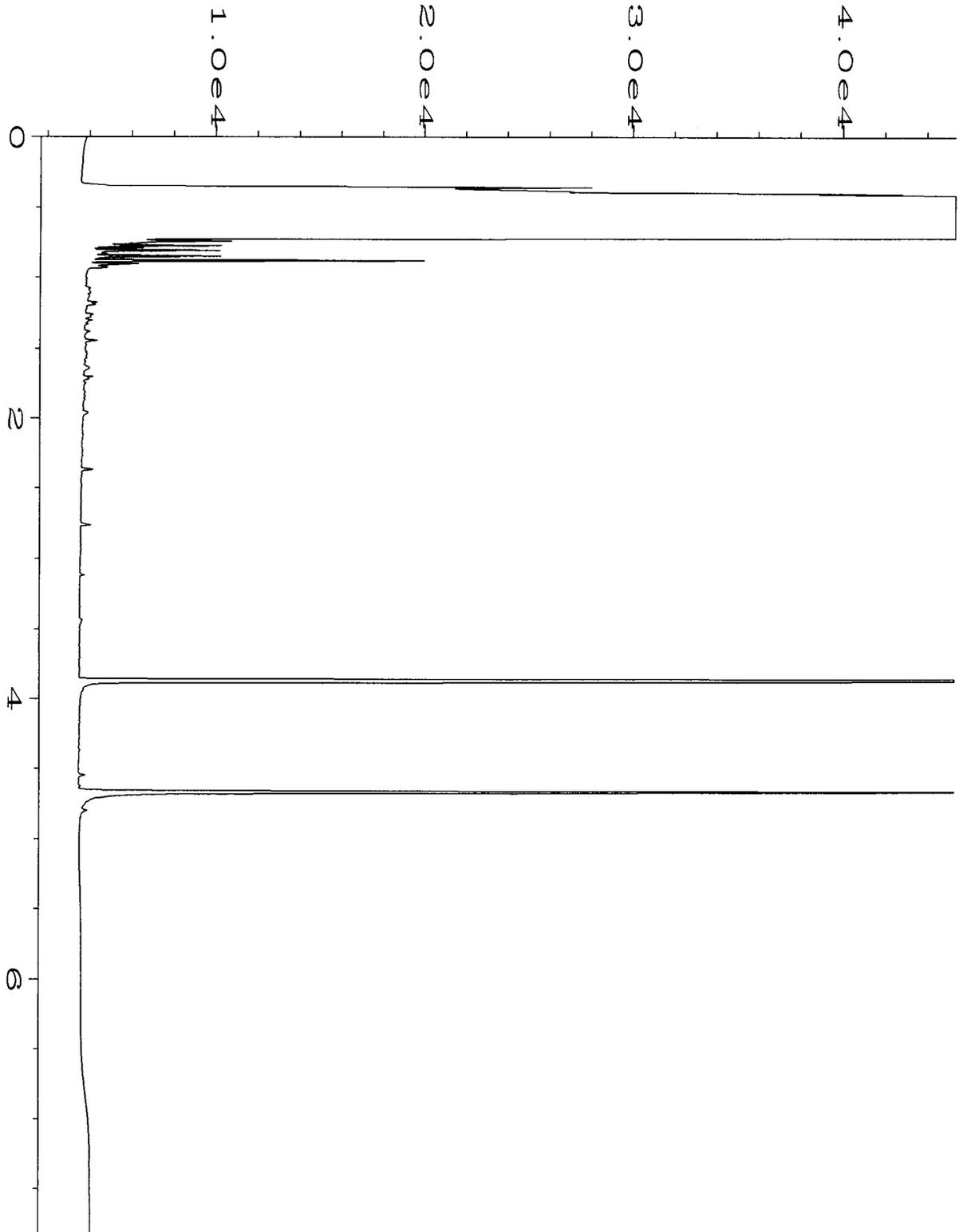
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Operator	: mwdl	Vial Number	: 42
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409293-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 05:36 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:16 AM		



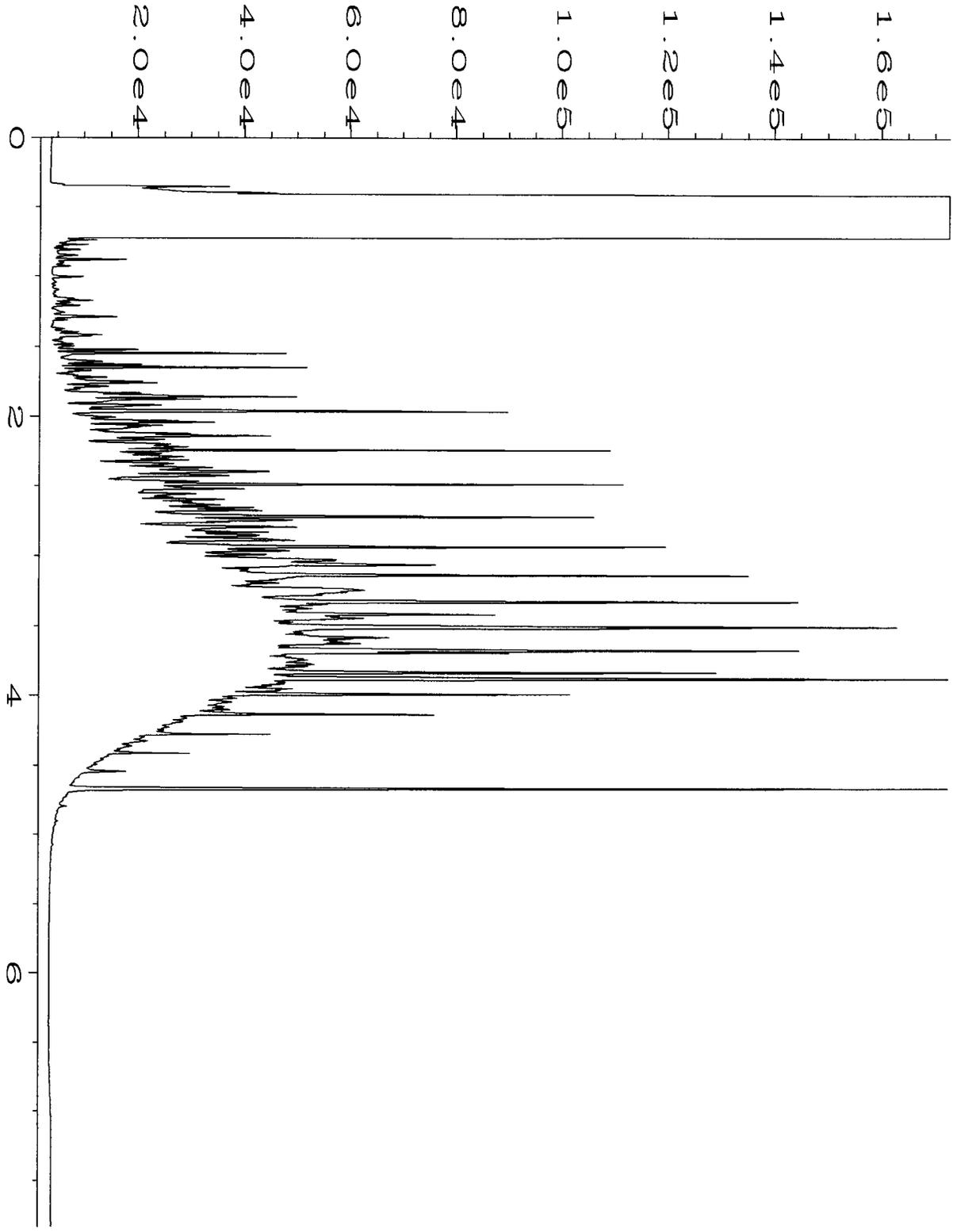
Data File Name	: C:\HPCHEM\6\DATA\09-19-14\043F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 43
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409293-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 05:49 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:16 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\044F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409293-05	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 06:03 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\030F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 30
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1922 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 02:56 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 08:57 AM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		

409293

SAMPLE CHAIN OF CUSTODY ME 09-17-14

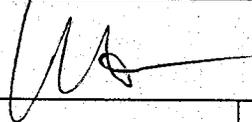
Page # 103 of 103

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

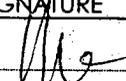
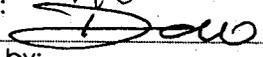
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS (X) per PK 9/18/14 m	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL (X) 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
EE1sw-87	EE1	87	01A-E	9/17/14	0725	Soil	5	(X)	(X)	(X)	(X)	HOLD X X X X X X
JJ1sw-87	JJ1	87	02		0735	Soil	5	(X)	(X)	(X)	(X)	
JJ2sw-88	JJ2	88	03		0745	Soil	5	(X)	(X)	(X)	(X)	
JJ4sw-89	JJ4	89	04		0750	Soil	5	(X)	(X)	(X)	(X)	
JJ6sw-90	JJ6	90	05		0755	Soil	5	(X)	(X)	(X)	(X)	
II1sw-87	II1	87	06		0800	Soil	5	(X)	(X)	(X)	(X)	
U30sw-88	U30	88	07		1250	Soil	5	(X)	(X)	(X)	(X)	
OP 9/17/14												
Samples received at 4°C												

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: 	Courtney Porter	SoundEarth	9/17/14	1550
Received by: 	D d W	FedEx	11	4
Relinquished by:				
Received by:				

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

September 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 17, 2014 from the SOU_0731-004-05_20140917, F&BI 409294 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0918R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 17, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140917, F&BI 409294 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409294-01	FF2-80
409294-02	FF2-75
409294-03	FF2-70
409294-04	FF2-65
409294-05	HH1-80
409294-06	HH1-75
409294-07	HH1-70
409294-08	HH1-65

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF2-80	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917
Date Extracted:	09/17/14	Lab ID:	409294-01
Date Analyzed:	09/17/14	Data File:	091722.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF2-75	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917
Date Extracted:	09/17/14	Lab ID:	409294-02
Date Analyzed:	09/17/14	Data File:	091723.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH1-80	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917
Date Extracted:	09/17/14	Lab ID:	409294-05
Date Analyzed:	09/17/14	Data File:	091724.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	HH1-75	Client:	SoundEarth Strategies
Date Received:	09/17/14	Project:	SOU_0731-004-05_20140917
Date Extracted:	09/17/14	Lab ID:	409294-06
Date Analyzed:	09/17/14	Data File:	091725.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140917
Date Extracted:	09/17/14	Lab ID:	04-1875 mb
Date Analyzed:	09/17/14	Data File:	091708.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/18/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409294

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409273-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	50	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	70	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	68	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	66	70	10-156	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	77	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	81	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	85	25-135	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	86	87	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	86	10-156	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	83	21-139	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	86	20-133	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/18/14

Date Received: 09/17/14

Project: SOU_0731-004-05_20140917, F&BI 409294

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	70	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	87	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	106	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	106	62-131
Trichloroethene	mg/kg (ppm)	2.5	101	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	104	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409294

SAMPLE CHAIN OF CUSTODY

ME 09-17-14

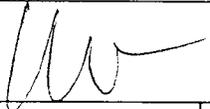
VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

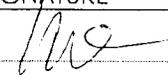
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u> TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hrs.</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
FF2-80	FF2	80	01A-D	9/17/14	1310	soil	4				X		
FF2-75	FF2	75	02		1315	soil	4				X		
FF2-70	FF2	70	03		1320	soil	4					X	
FF2-65	FF2	65	04		1325	soil	4					X	
H11-80	H11	80	05		1330	soil	4				X		
H11-75	H11	75	06		1335	soil	4				X		
H11-70	H11	70	07		1340	soil	4					X	
H11-65	H11	65	08		1345	soil	4					X	
9/17/14												Samples received at <u>4°C</u>	

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: 	Courtney Porter	SoundEarth	9/17/14	1550
Received by: 	D J W	F&B	11	11
Relinquished by:				
Received by:				

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

October 7, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on September 18, 2014 from the SOU_0731-004-05_20140918, F&BI 409326 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1007R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140918, F&BI 409326 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409326 -01	J1WSW-63
409326 -02	K1WSW-63
409326 -03	N1WSW-65
409326 -04	O1WSW-65
409326 -05	P1WSW-65
409326 -06	EE1WSW-82
409326 -07	DD1WSW-81
409326 -08	CC1WSW-78

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/07/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

Date Extracted: 10/02/14

Date Analyzed: 10/02/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
CC1WSW-78 409326-08	<2	90
Method Blank 04-1955 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/07/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

Date Extracted: 10/02/14

Date Analyzed: 10/02/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
CC1WSW-78 409326-08	<50	<250	94
Method Blank 04-1997 MB	<50	<250	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-78	Client:	SoundEarth Strategies
Date Received:	09/18/14	Project:	SOU_0731-004-05_20140918, F&BI 409326
Date Extracted:	10/02/14	Lab ID:	409326-08
Date Analyzed:	10/02/14	Data File:	100207.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140918, F&BI 409326
Date Extracted:	10/02/14	Lab ID:	04-1993 mb
Date Analyzed:	10/02/14	Data File:	100206.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/07/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410026-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/07/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

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

Laboratory Code: 410030-01 (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	84	88	63-146	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	84	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/07/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410036-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	59	60	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	80	80	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	78	78	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	87	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	92	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	96	98	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	93	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	86	88	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	90	92	21-139	2
Toluene	mg/kg (ppm)	2.5	<0.05	92	93	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	98	97	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	95	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	95	96	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	97	98	33-134	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	93	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	79	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	90	68-114
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114
Ethylbenzene	mg/kg (ppm)	2.5	99	64-123
m,p-Xylene	mg/kg (ppm)	5	99	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

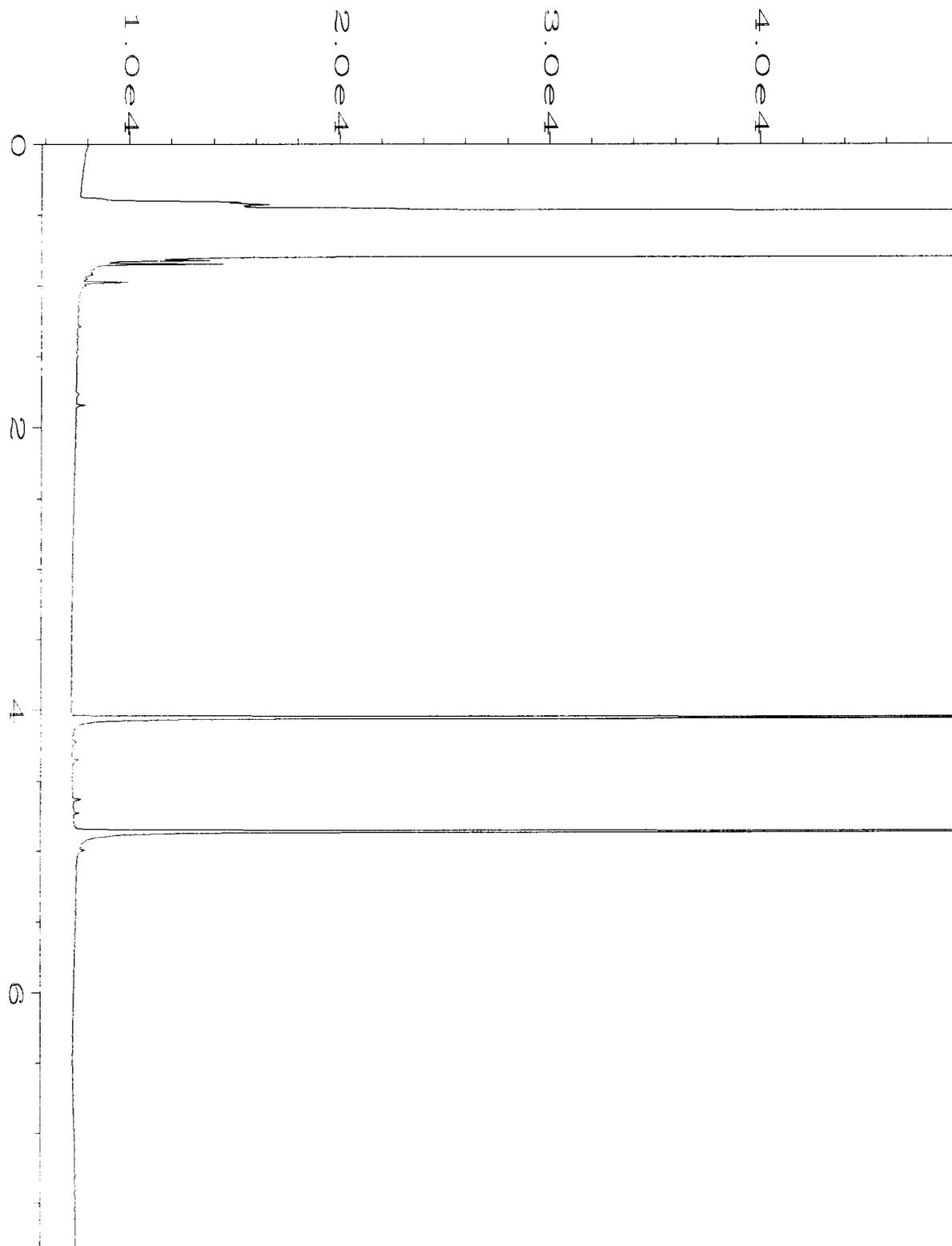
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

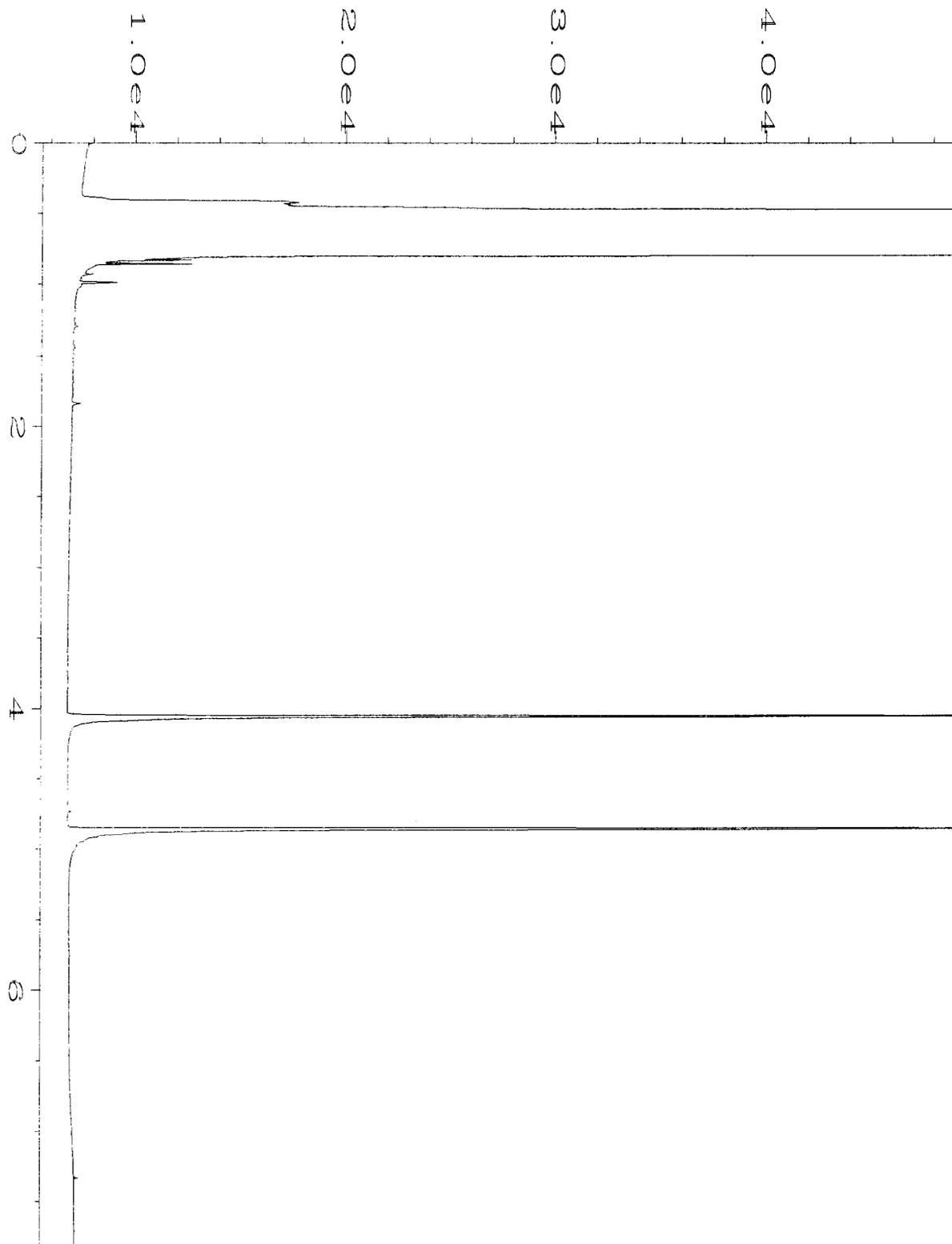
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

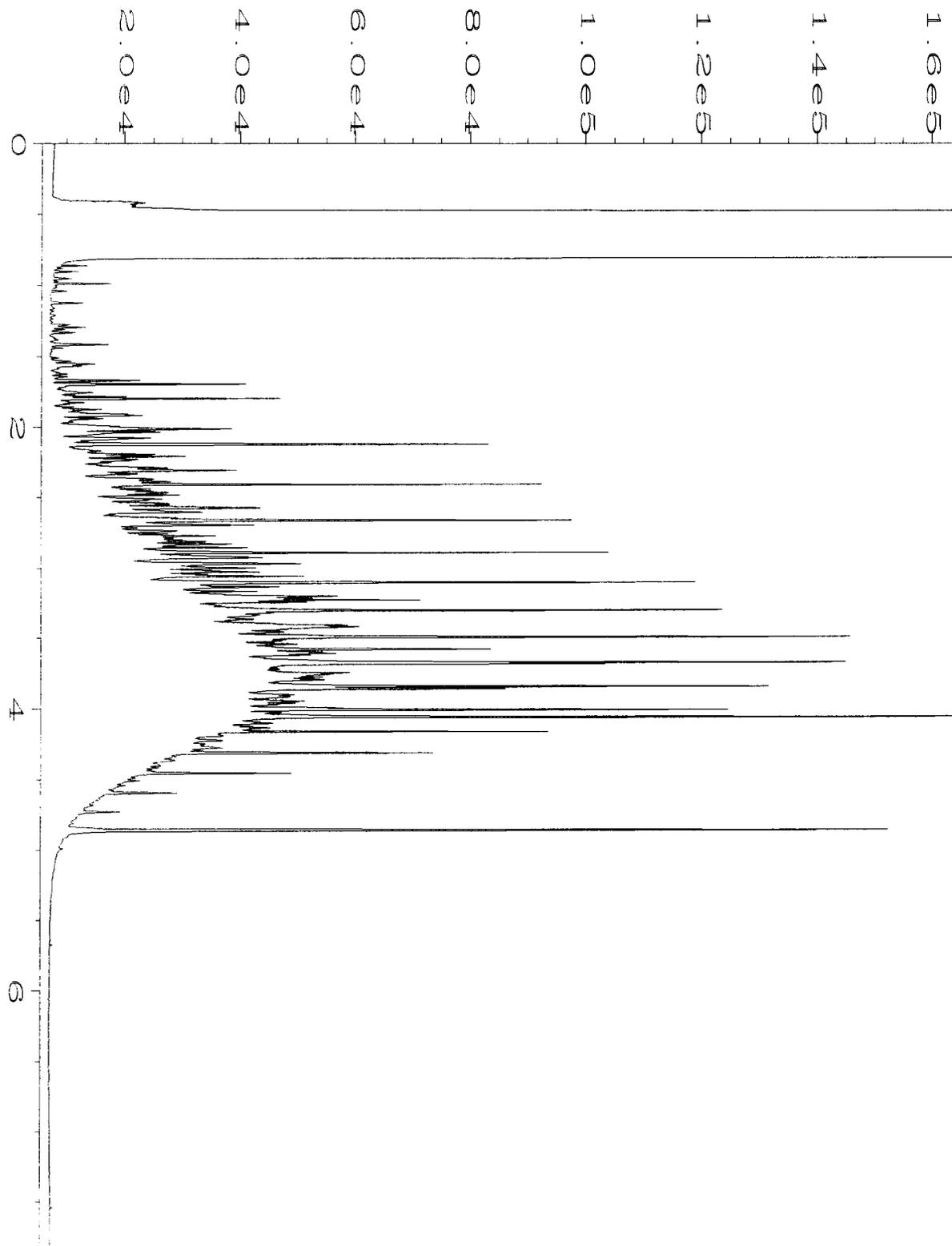
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\10-02-14\034F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409326-08	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Oct 14 06:57 PM	Analysis Method	: DX.MTH
Report Created on:	03 Oct 14 09:05 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-02-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1997 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Oct 14 09:22 AM	Analysis Method	: DX.MTH
Report Created on:	03 Oct 14 09:06 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-02-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Oct 14 08:48 AM	Analysis Method	: DX.MTH
Report Created on:	03 Oct 14 09:06 AM		

409326

SAMPLE CHAIN OF CUSTODY

ME 09-18-14

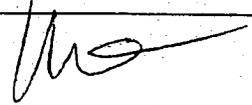
Doc 1/33

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

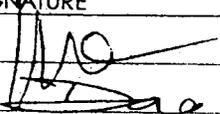
TURNAROUND TIME

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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
J1WSW-63	J1	63	01A-E	9/18/14	1035	soil	5					X	
K1WSW-63	K1	63	02T		1040	soil	5					X	X-per PK 10/2/14
N1WSW-65	N1	65	03		1105	soil	5					X	(MC)
O1WSW-65	O1	65	04		1115	soil	5	X	X	X	X	X	
P1WSW-65	P1	65	05		1120	soil	5					X	
EE1WSW-82	EE1	82	06		1440	soil	5					X	
DD1WSW-81	DD1	81	07		1445	soil	5					X	
CC1WSW-78	CC1	78	08		1450	soil	5	0	0	0	0	X	
								AP	9/18/14				

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: 	Courtney Porter	SoundEarth	9/18/14	1600
Received by: 	Doi D	Fx 82	"	"
Relinquished by:				
Received by:				

Sample received at 5°C

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

September 24, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 18, 2014 from the SOU_0731-004-05_20140918, F&BI 409326 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0924R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140918, F&BI 409326 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409326 -01	J1WSW-63
409326 -02	K1WSW-63
409326 -03	N1WSW-65
409326 -04	O1WSW-65
409326 -05	P1WSW-65
409326 -06	EE1WSW-82
409326 -07	DD1WSW-81
409326 -08	CC1WSW-78

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
O1WSW-65 409326-04	<2	93
Method Blank 04-1905 MB	<2	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

Date Extracted: 09/19/14

Date Analyzed: 09/19/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
O1WSW-65 409326-04	<50	<250	85
Method Blank 04-1922 MB	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O1WSW-65	Client:	SoundEarth Strategies
Date Received:	09/18/14	Project:	SOU_0731-004-05_20140918, F&BI 409326
Date Extracted:	09/19/14	Lab ID:	409326-04
Date Analyzed:	09/19/14	Data File:	091912.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140918, F&BI 409326
Date Extracted:	09/19/14	Lab ID:	04-1893 mb2
Date Analyzed:	09/19/14	Data File:	091905.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

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

Laboratory Code: 409344-05 (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	115	109	64-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/18/14

Project: SOU_0731-004-05_20140918, F&BI 409326

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409318-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	53	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	83	79	10-176	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	73	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	72	74	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	86	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	90	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	92	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	90	92	10-156	2
Benzene	mg/kg (ppm)	2.5	<0.03	83	85	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	89	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	86	88	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	90	93	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	90	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	91	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	94	33-134	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	22-139
Chloroethane	mg/kg (ppm)	2.5	100	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	87	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	62-131
Benzene	mg/kg (ppm)	2.5	95	68-114
Trichloroethene	mg/kg (ppm)	2.5	98	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	98	64-123
m,p-Xylene	mg/kg (ppm)	5	101	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

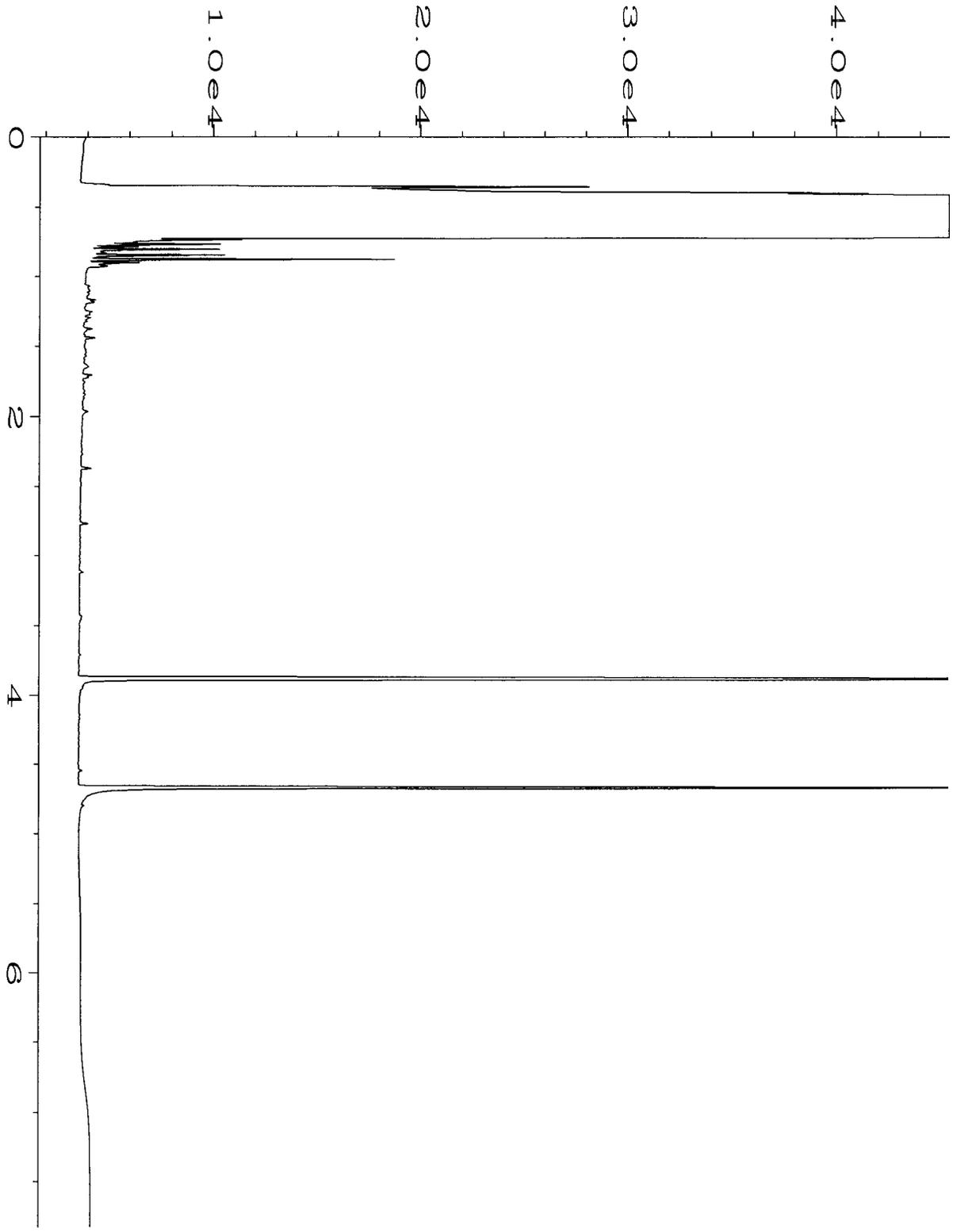
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

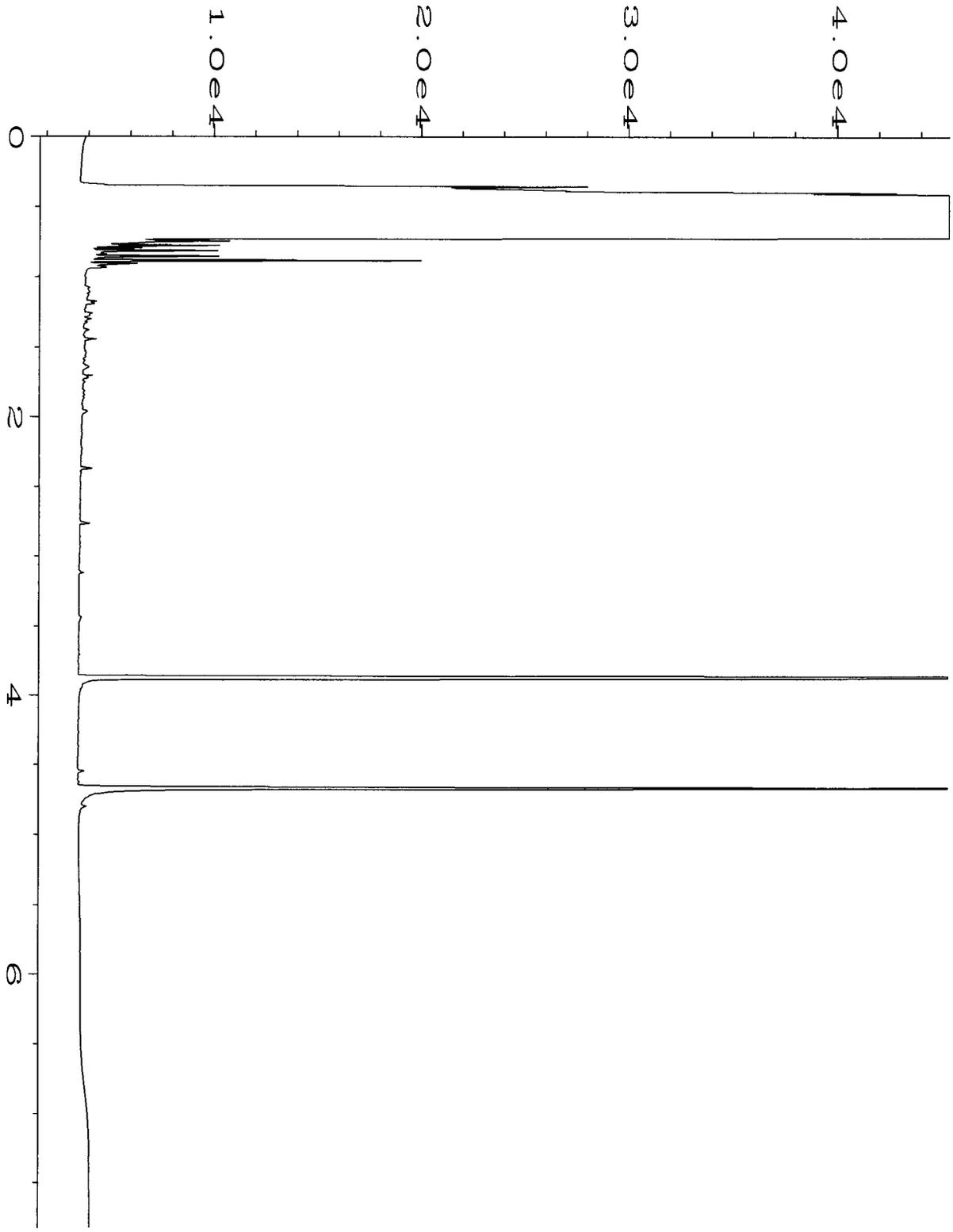
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

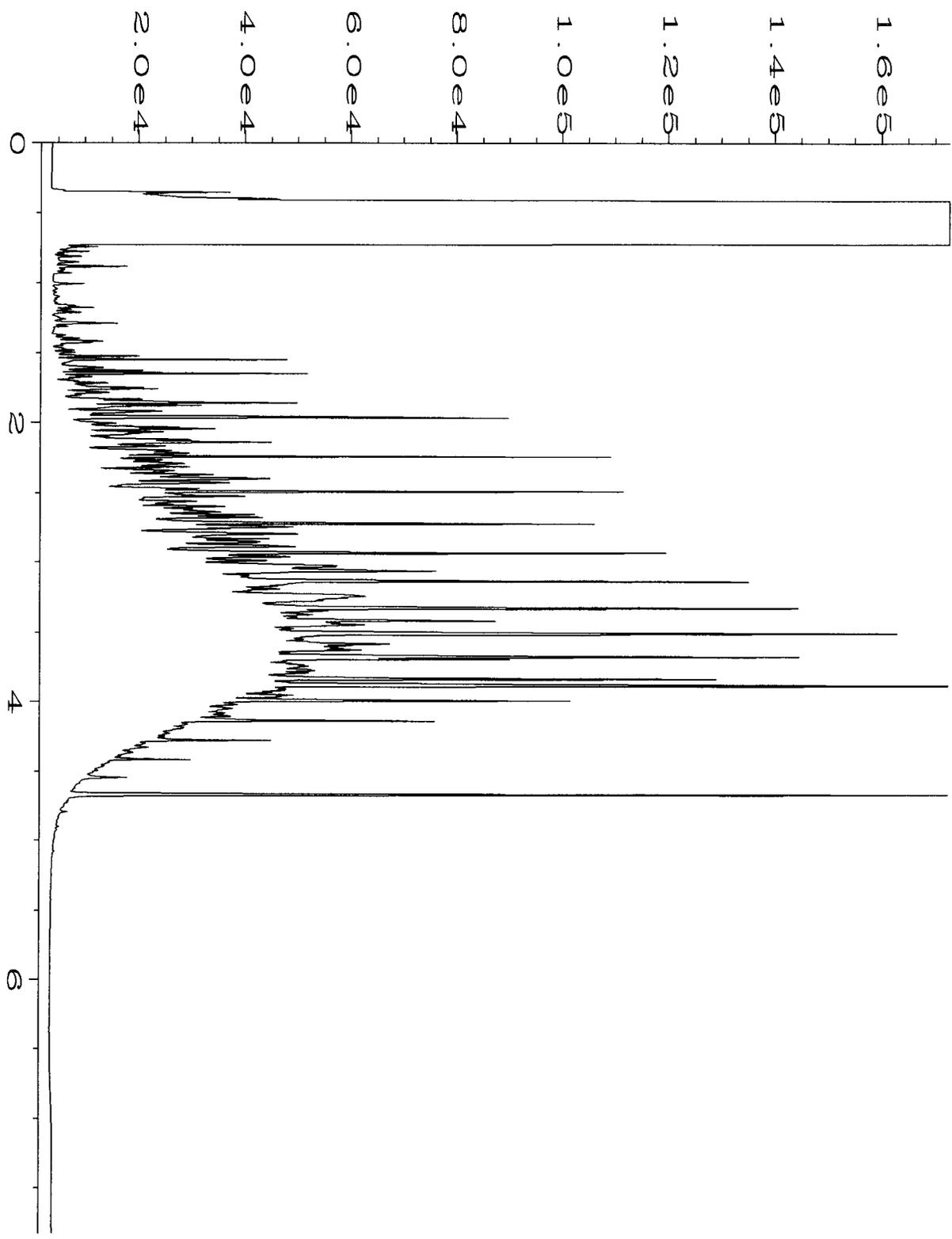
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\046F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 46
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409326-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 06:30 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\030F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 30
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1922 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 02:56 PM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-19-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Sep 14 08:57 AM	Analysis Method	: DX.MTH
Report Created on:	22 Sep 14 09:17 AM		

409326

SAMPLE CHAIN OF CUSTODY

ME 09-18-14

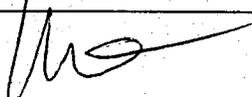
DOZ / VSB

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

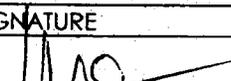
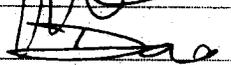
TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
J1WSW-63	J1	63	01AE	9/18/14	1035	soil	5					X	
K1WSW-63	K1	63	02T		1040	soil	5					X	
N1WSW-65	N1	65	03		1105	soil	5					X	
O1WSW-65	O1	65	04		1115	soil	5	X	X	X	X		
P1WSW-65	P1	65	05		1120	soil	5					X	
EE1WSW-82	EE1	82	06		1440	soil	5					X	
DD1WSW-81	DD1	81	07		1445	soil	5					X	
CC1WSW-78	CC1	78	08		1450	soil	5					X	
								AP 9/18/14					

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: 	Courtney Porter	SoundEarth	9/18/14	1600
Received by: 	DOZ	FR 82	"	11
Relinquished by:				
Received by:				Sample received at 5°C

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

September 29, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on September 19, 2014 from the SOU_0731-004-05_20140919, F&BI 409354 project. There are 6 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0929R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 19, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140919, F&BI 409354 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409354 -01	Q10-59
409354 -02	Q10-55
409354 -03	Q10-50
409354 -04	Q10-45
409354 -05	P1-55
409354 -06	P1-50
409354 -07	R1-55
409354 -08	R1-50
409354 -09	R1-45
409354 -10	R1-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/19/14

Project: SOU_0731-004-05_20140919, F&BI 409354

Date Extracted: 09/23/14

Date Analyzed: 09/23/14 and 09/24/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Q10-59 409354-01 1/50	<1	<1	9.8	35	4,800	113
Q10-55 409354-02	<0.02	<0.02	0.079	0.28	61	87
Q10-50 409354-03 1/20	<0.4	<0.4	4.0	14	2,000	109
Q10-45 409354-04 1/5	<0.02 j	<0.1	1.1	3.9	710	102
Method Blank 04-1907 MB	<0.02	<0.02	<0.02	<0.06	<2	77

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/19/14

Project: SOU_0731-004-05_20140919, F&BI 409354

Date Extracted: 09/22/14

Date Analyzed: 09/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
Q10-59 409354-01	420 x	<250	86
Q10-55 409354-02	<50	<250	89
Q10-50 409354-03	84 x	<250	93
Q10-45 409354-04	<50	<250	91
Method Blank 04-1923 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/19/14

Project: SOU_0731-004-05_20140919, F&BI 409354

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

Laboratory Code: 409359-01 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	93	69-120
Toluene	mg/kg (ppm)	0.5	93	70-117
Ethylbenzene	mg/kg (ppm)	0.5	92	65-123
Xylenes	mg/kg (ppm)	1.5	89	66-120
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/19/14

Project: SOU_0731-004-05_20140919, F&BI 409354

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

Laboratory Code: 409373-19 (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	102	103	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

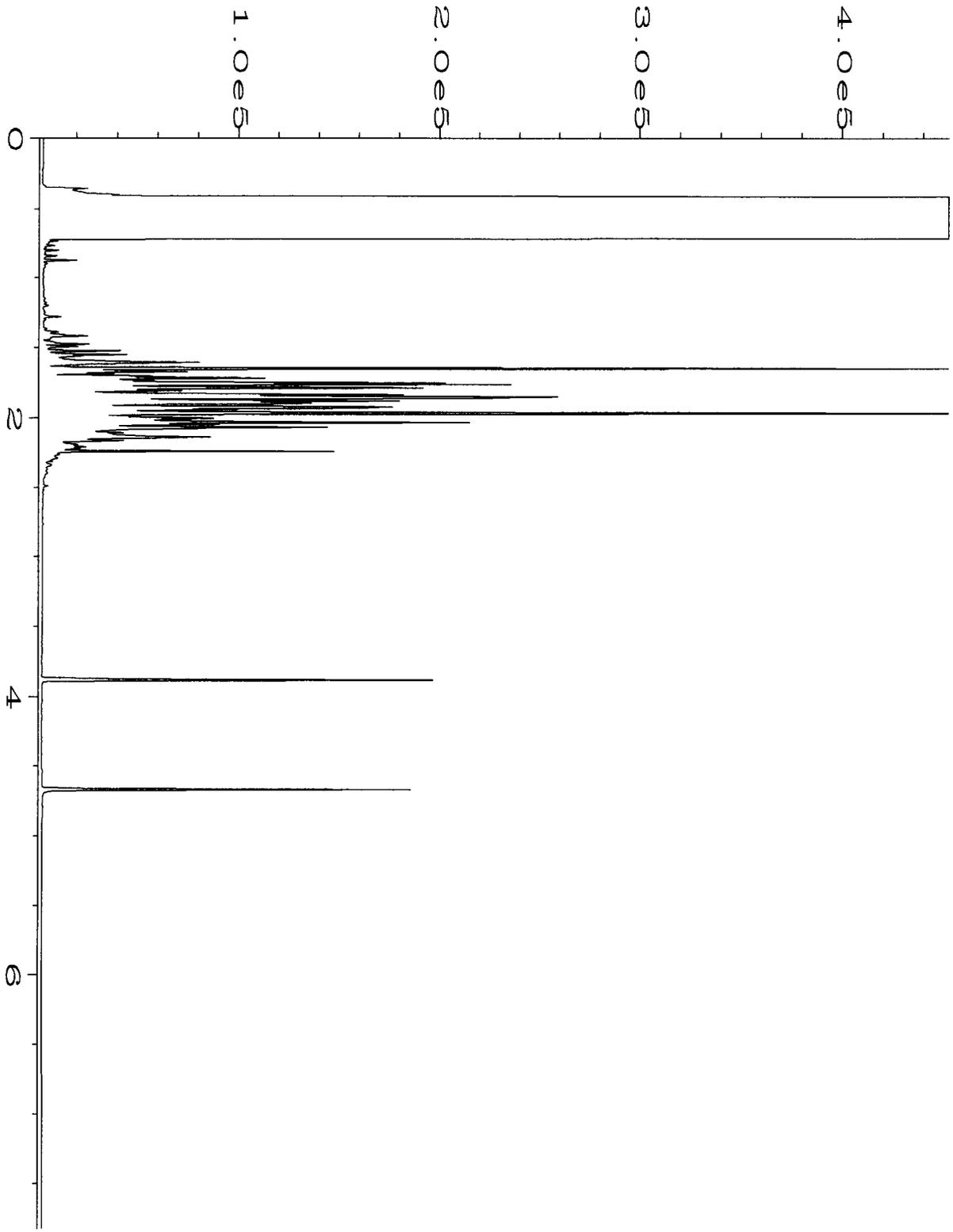
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

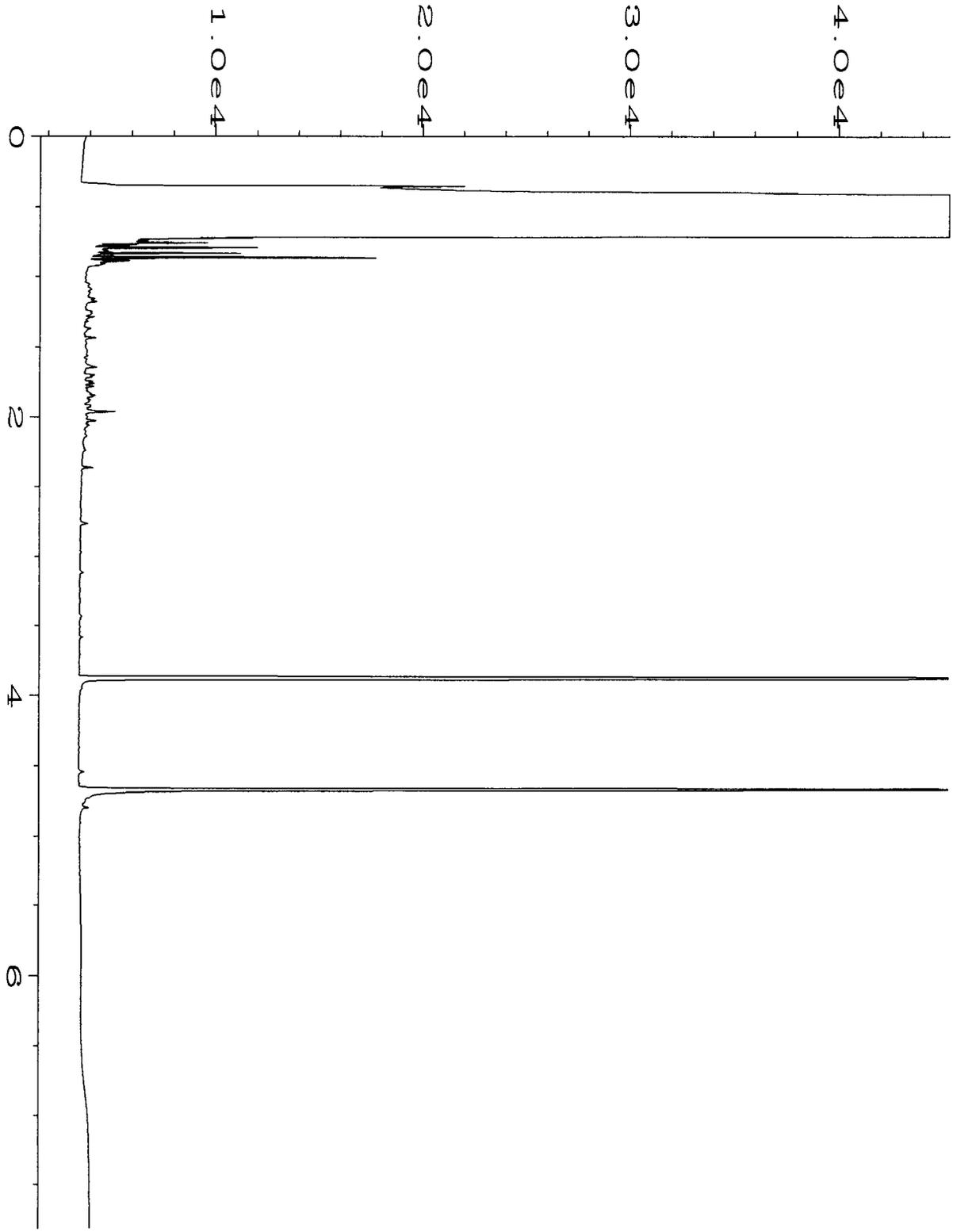
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

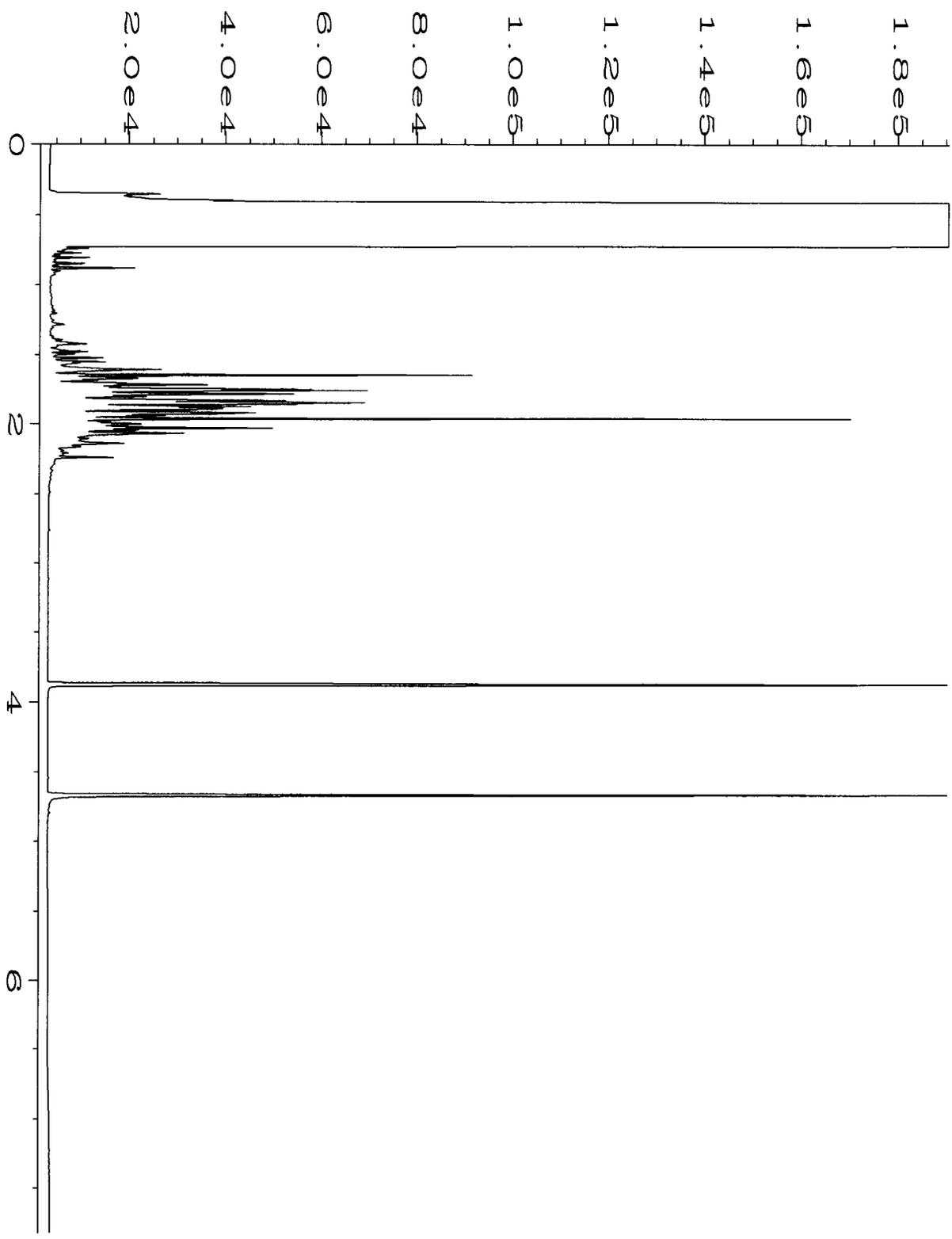
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



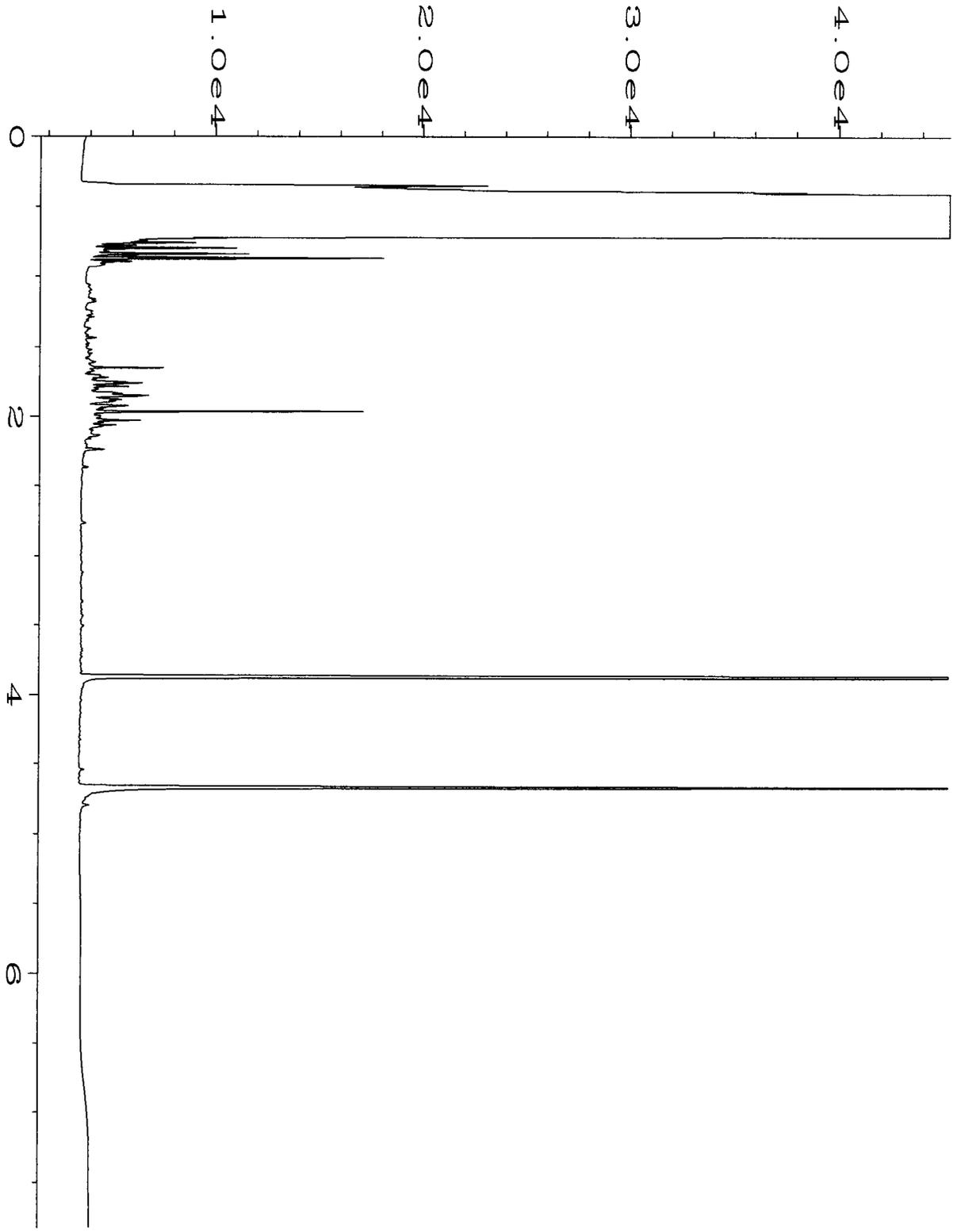
Data File Name	: C:\HPCHEM\6\DATA\09-22-14\019F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409354-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 03:20 PM	Analysis Method	: DX.MTH
Report Created on:	23 Sep 14 09:08 AM		



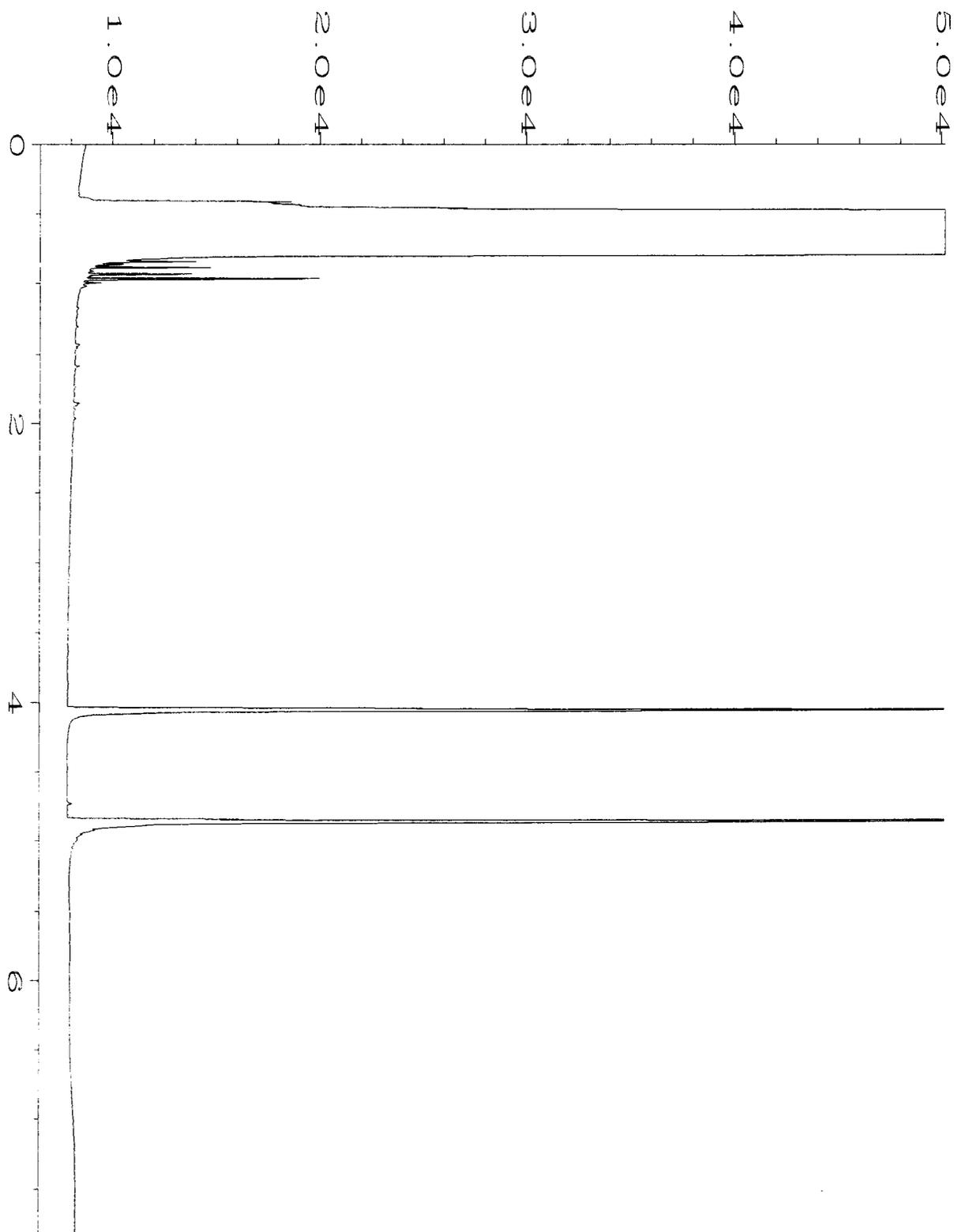
Data File Name	: C:\HPCHEM\6\DATA\09-22-14\020F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409354-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 03:33 PM	Analysis Method	: DX.MTH
Report Created on:	23 Sep 14 09:08 AM		



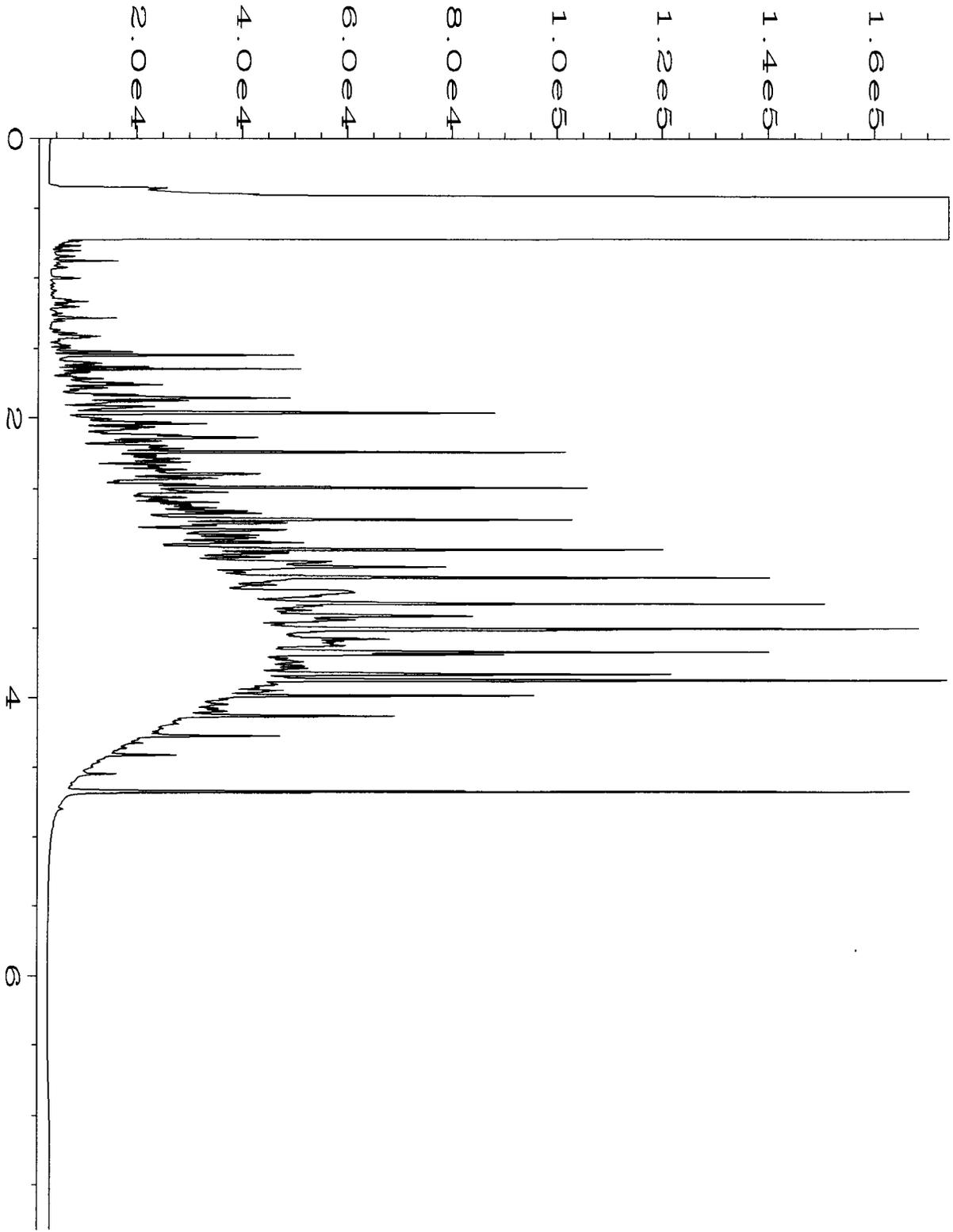
Data File Name	: C:\HPCHEM\6\DATA\09-22-14\021F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409354-03	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 03:46 PM	Analysis Method	: DX.MTH
Report Created on:	23 Sep 14 09:08 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-22-14\022F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 22
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409354-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 03:59 PM	Analysis Method	: DX.MTH
Report Created on:	23 Sep 14 09:08 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-22-14\019F0801.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1923 mb	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 03:18 PM	Analysis Method	: END.MTH
Report Created on:	23 Sep 14 09:18 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-22-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Sep 14 08:53 AM	Analysis Method	: DX.MTH
Report Created on:	23 Sep 14 09:09 AM		

409354

SAMPLE CHAIN OF CUSTODY ME 09-19-14

VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME 24hr Standard (2 Weeks) RUSH <u>24hr</u> Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Q10-59	Q10	59	01A-D	9/19/14	0835	Soil	4	✓	✓	✓	X	per PK 9/22/14 ML
Q10-55	Q10	55	02		0840	Soil	4	✓	✓	✓	X	
Q10-50	Q10	50	03		0845	Soil	4	✓	✓	✓	X	
Q10-45	Q10	45	04		0850	Soil	4	✓	✓	✓	X	
P1-55	P1	55	05		1350	Soil	4				X	
P1-50	P1	50	06		1355	Soil	4				X	
B1-55	B1	55	07		1405	Soil	4				X	
B1-50	B1	50	08		1410	Soil	4				X	
B1-45	B1	45	09		1415	Soil	4				X	
B1-40	B1	40	10		1420	Soil	4				X	
ACR												Samples received at 4:08

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: <i>[Signature]</i>	Grayson Fish	SoundEarth	9/19/14	1500
Received by: <i>[Signature]</i>	Will Gyer	FBI	9/19/14	1500
Relinquished by:				
Received by:				

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

September 22, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 19, 2014 from the SOU_0731-004-05_20140919, F&BI 409354 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in cursive script, appearing to read "Michael Erdahl", is written in black ink on a light-colored background.

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0922R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 19, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140919, F&BI 409354 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409354 -01	Q10-59
409354 -02	Q10-55
409354 -03	Q10-50
409354 -04	Q10-45
409354 -05	P1-55
409354 -06	P1-50
409354 -07	R1-55
409354 -08	R1-50
409354 -09	R1-45
409354 -10	R1-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q10-59	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-01
Date Analyzed:	09/19/14	Data File:	091933.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	79	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q10-55	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-02
Date Analyzed:	09/19/14	Data File:	091924.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q10-50	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-03
Date Analyzed:	09/19/14	Data File:	091935.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	88	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q10-45	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-04
Date Analyzed:	09/19/14	Data File:	091934.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	91	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1-55	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-05
Date Analyzed:	09/19/14	Data File:	091925.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1-50	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-06
Date Analyzed:	09/19/14	Data File:	091926.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R1-55	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-07
Date Analyzed:	09/19/14	Data File:	091927.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.026

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R1-50	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-08
Date Analyzed:	09/19/14	Data File:	091928.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R1-45	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-09
Date Analyzed:	09/19/14	Data File:	091929.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.052

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R1-40	Client:	SoundEarth Strategies
Date Received:	09/19/14	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	409354-10
Date Analyzed:	09/19/14	Data File:	091923.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140919, F&BI 409354
Date Extracted:	09/19/14	Lab ID:	04-1877 mb
Date Analyzed:	09/19/14	Data File:	091922.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/22/14

Date Received: 09/19/14

Project: SOU_0731-004-05_20140919, F&BI 409354

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409354-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	43	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	63	61	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	65	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	62	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	72	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	75	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	86	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	78	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	80	81	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	0.025	84	84	20-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Chloroethane	mg/kg (ppm)	2.5	84	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	47-128
Methylene chloride	mg/kg (ppm)	2.5	89	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	62-131
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409354

SAMPLE CHAIN OF CUSTODY

ME 09-19-14

VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
24hr

Standard (2 Weeks)
RUSH 24hr

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Q10-59	Q10	59	01A-D	9/19/14	0835	Soil	4				X	
Q10-55	Q10	55	02		0840	Soil	4				X	
Q10-50	Q10	50	03		0845	Soil	4				X	
Q10-45	Q10	45	04		0850	Soil	4				X	
P1-55	P1	55	05		1350	Soil	4				X	
P1-50	P1	50	06		1355	Soil	4				X	
B1-55	B1	55	07		1405	Soil	4				X	
B1-50	B1	50	08		1410	Soil	4				X	
B1-45	B1	45	09		1415	Soil	4				X	
B1-40	B1	40	10		1420	Soil	4				X	
GCF												

Sample received at 4:08

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: <i>[Signature]</i>	Graysn Fish	SoundEarth	9/19/14	1500
Received by: <i>[Signature]</i>	Will Egan	FEBC	9/19/14	1500
Relinquished by:				
Received by:				

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

September 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 22, 2014 from the SOU_0731-004-05_20140922, F&BI 409387 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0923R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 22, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140922, F&BI 409387 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409387 -01	V10-60
409387 -02	V10-55
409387 -03	V10-50
409387 -04	V10-45
409387 -05	T11-60
409387 -06	T11-55
409387 -07	T11-50
409387 -08	T11-45

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V10-60	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-01
Date Analyzed:	09/22/14	Data File:	092235.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.046

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V10-55	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-02
Date Analyzed:	09/22/14	Data File:	092236.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.033

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V10-50	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-03
Date Analyzed:	09/22/14	Data File:	092237.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.048

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V10-45	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-04
Date Analyzed:	09/23/14	Data File:	092238.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T11-60	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-05
Date Analyzed:	09/23/14	Data File:	092239.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzen e	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T11-55	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-06
Date Analyzed:	09/23/14	Data File:	092240.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T11-50	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-07
Date Analyzed:	09/23/14	Data File:	092241.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T11-45	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	409387-08
Date Analyzed:	09/23/14	Data File:	092244.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140922, F&BI 409387
Date Extracted:	09/22/14	Lab ID:	04-1894 mb
Date Analyzed:	09/22/14	Data File:	092221.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/23/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409387

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409371-09 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	53	10-138	7
Chloroethane	mg/kg (ppm)	2.5	<0.5	74	71	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	72	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	74	71	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	80	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	83	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	87	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	94	91	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	87	10-156	7
Trichloroethene	mg/kg (ppm)	2.5	<0.02	91	89	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	97	94	20-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	66	22-139
Chloroethane	mg/kg (ppm)	2.5	80	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	47-128
Methylene chloride	mg/kg (ppm)	2.5	75	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	83	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	87	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Trichloroethene	mg/kg (ppm)	2.5	89	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409387

SAMPLE CHAIN OF CUSTODY

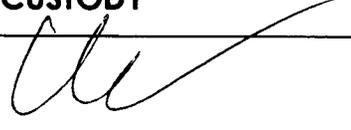
ME 9/22/14 VS,

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

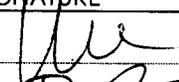
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hr</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
V10-60	V10	60	01A-D	9/22/14	1510						X	
V10-55	V10	55	02A-D		1515						X	
V10-50	V10	50	03A-D		1520						X	
V10-45	V10	45	04A-D		1525						X	
T11-60	T11	60	05A-D		1535						X	
T11-55	T11	55	06A-D		1540						X	
T11-50	T11	50	07A-D		1545						X	
T11-45	T11	45	08A-D		1550						X	
												Samples received at <u>4</u> °C

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: 	Courtney Porter	SoundEarth	9/22/14	1555
Received by: 	Keith Lyster	FBI	9/22/14	1555
Relinquished by:				
Received by:				

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

September 29, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 22, 2014 from the SOU_0731-004-05_20140922, F&BI 409388 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Pete Kingston, Courtney Porter
SOU0929R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 22, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140922, F&BI 409388 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409388 -01	U30ESW-83
409388 -02	01WSW-60
409388 -03	N1WSW-60
409388 -04	K1WSW-58
409388 -05	J1WSW-58

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

Date Extracted: 09/24/14

Date Analyzed: 09/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
J1WSW-58 409388-05	<2	88
Method Blank 04-1912 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

Date Extracted: 09/24/14

Date Analyzed: 09/24/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
J1WSW-58 409388-05	<50	<250	117
Method Blank 04-1942 MB	<50	<250	106

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J1WSW-58	Client:	SoundEarth Strategies
Date Received:	09/22/14	Project:	SOU_0731-004-05_20140922
Date Extracted:	09/25/14	Lab ID:	409388-05
Date Analyzed:	09/25/14	Data File:	092506.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140922
Date Extracted:	09/25/14	Lab ID:	04-1902 mb2
Date Analyzed:	09/25/14	Data File:	092505.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409373-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

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

Laboratory Code: 409423-01 (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	106	106	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409451-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	39	40	10-138	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	61	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	55	56	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	59	61	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	66	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	70	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	74	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	79	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	75	10-156	3
Benzene	mg/kg (ppm)	2.5	<0.03	70	72	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	73	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	74	76	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	75	78	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	77	78	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	79	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	81	33-134	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/22/14

Project: SOU_0731-004-05_20140922, F&BI 409388

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

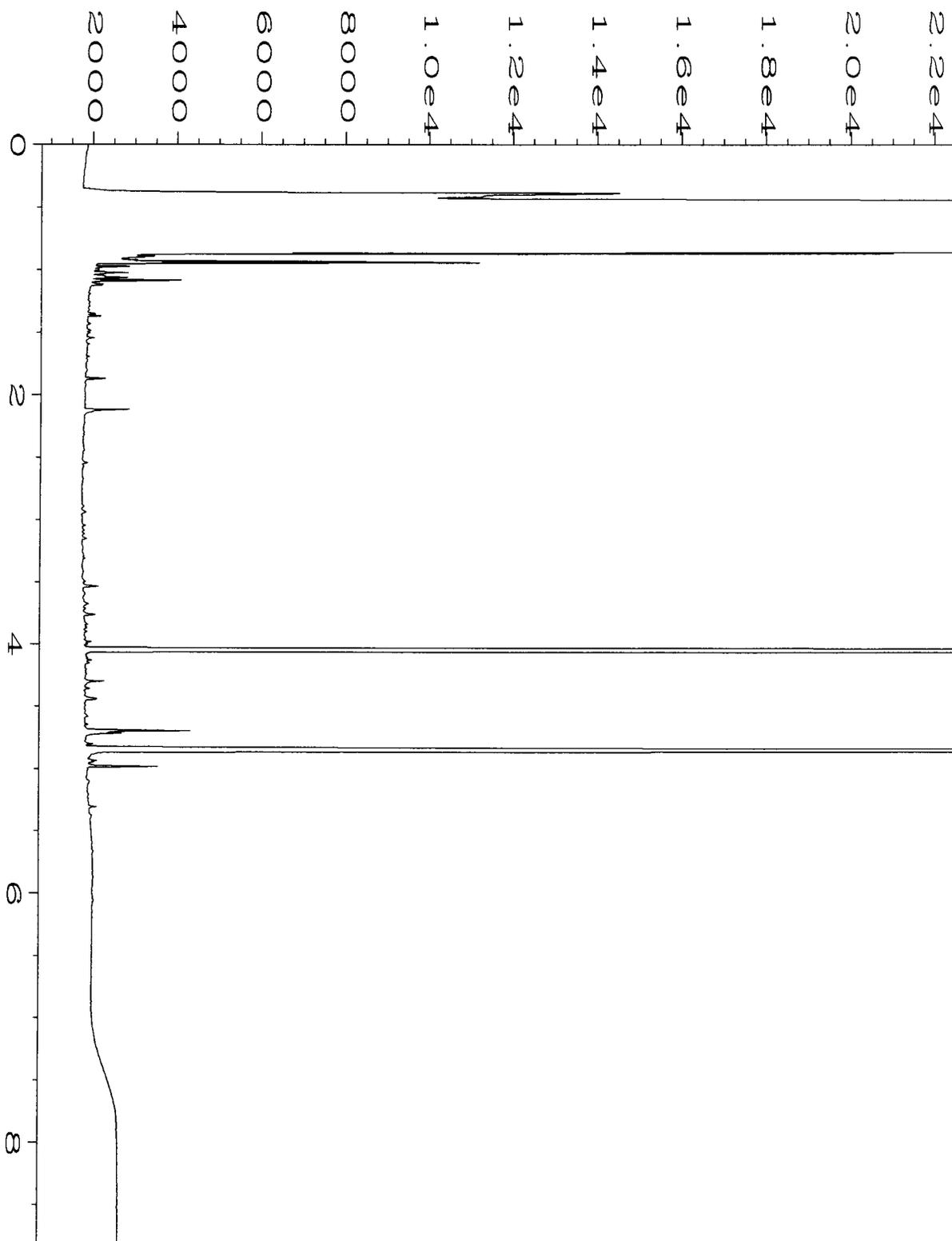
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	67	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	82	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	89	68-114
Trichloroethene	mg/kg (ppm)	2.5	91	64-117
Toluene	mg/kg (ppm)	2.5	93	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	94	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	97	77-124

FRIEDMAN & BRUYA, INC.

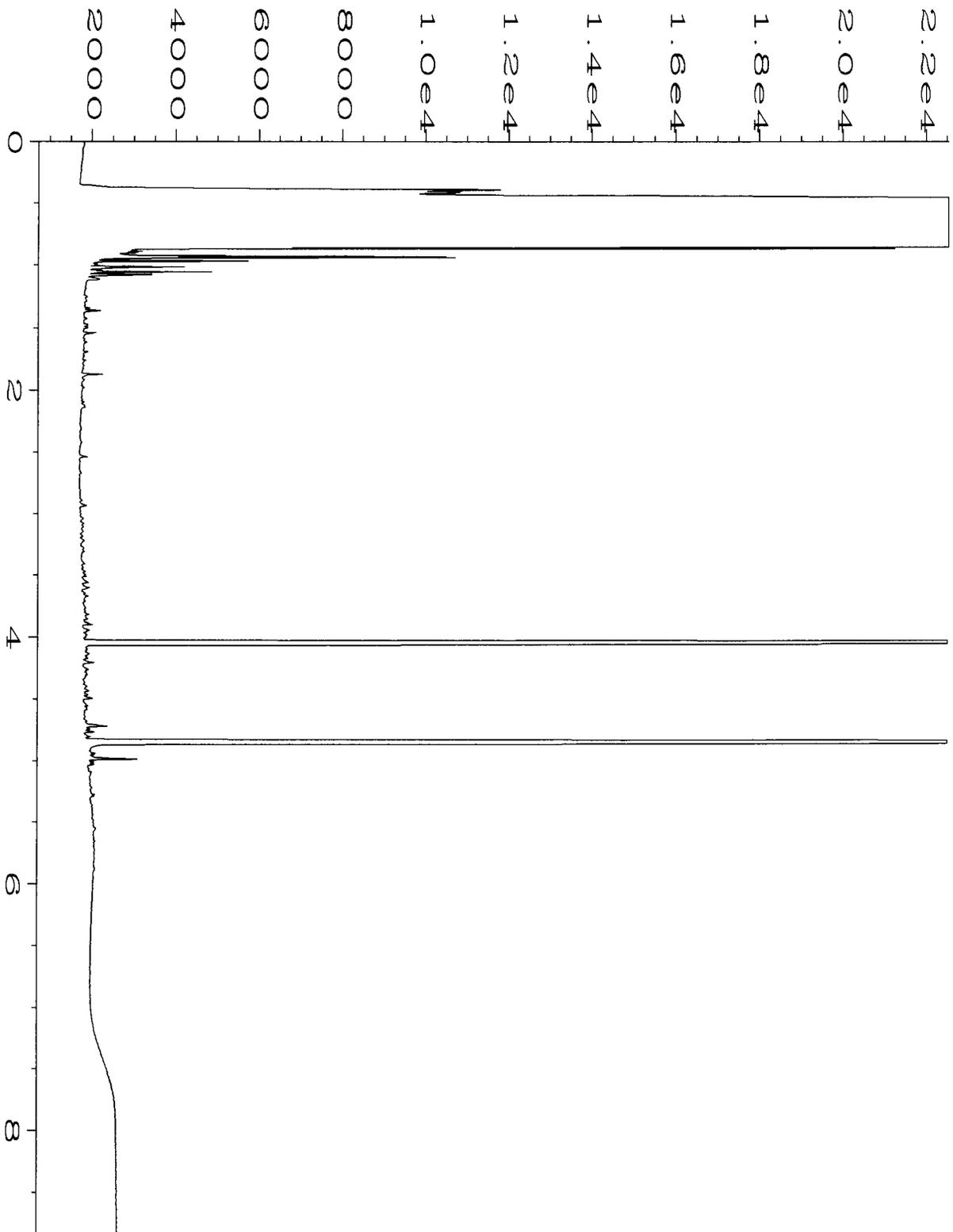
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

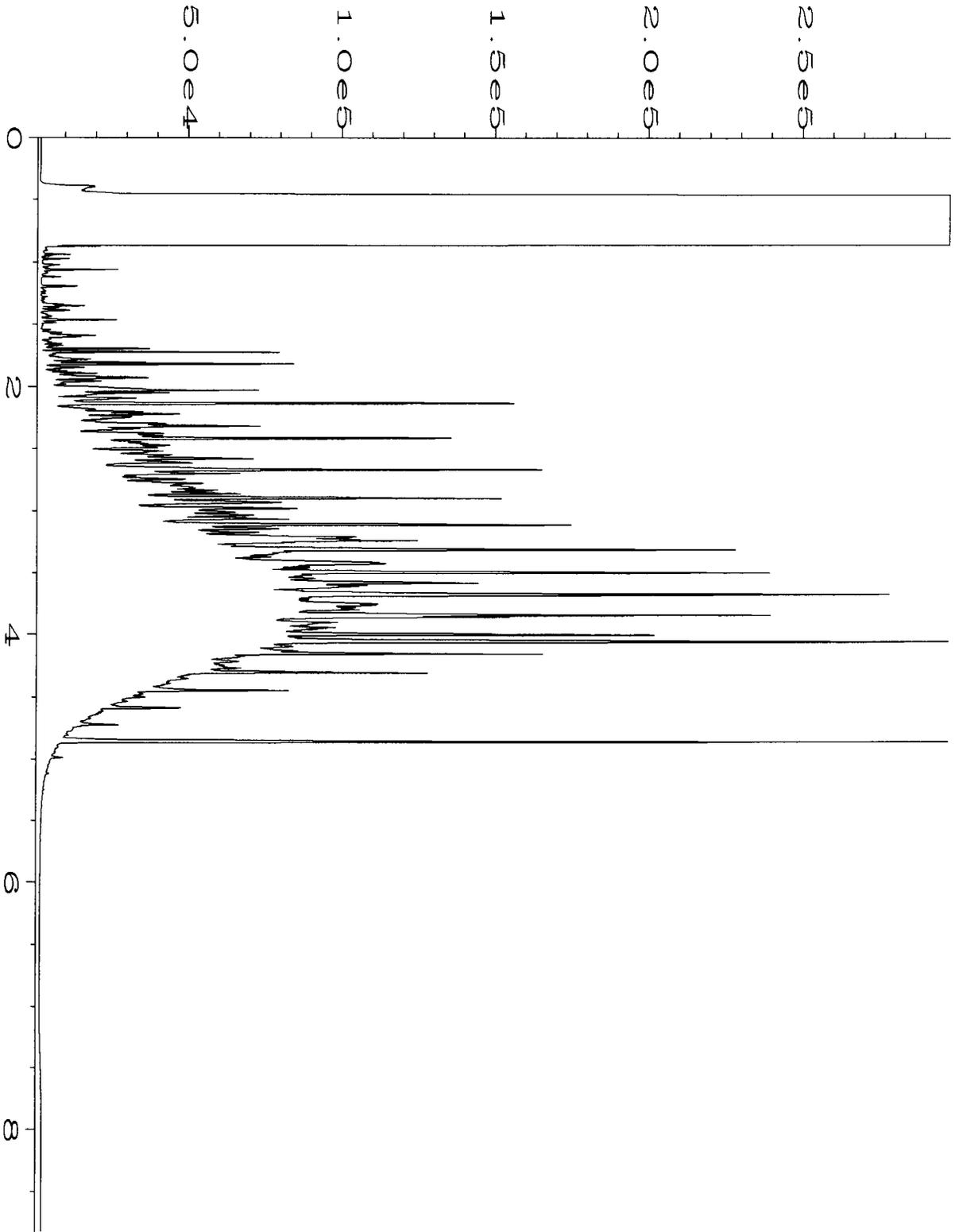
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\4\DATA\09-24-14\043F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 43
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 409388-05	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 07:53 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:41 AM		



Data File Name	: C:\HPCHEM\4\DATA\09-24-14\032F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 32
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-1940 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 05:11 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:41 AM		



Data File Name	: C:\HPCHEM\4\DATA\09-24-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:41 AM		

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

September 29, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on September 23, 2014 from the SOU_0731-004-05_20140923, F&BI 409417 project. There are 6 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courney Porter
SOU0929R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140923, F&BI 409417 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409417-01	Y15-60
409417-02	Y15-55
409417-03	Y15-50
409417-04	AA15-60
409417-05	AA16-60
409417-06	AA16-55
409417-07	AA16-50
409417-08	X14-60
409417-09	X14-55
409417-10	X14-50
409417-11	Duplicate12

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

Date Extracted: 09/24/14

Date Analyzed: 09/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
AA15-60 409417-04 1/5	41	98
X14-55 409417-09	<2	94
X14-50 409417-10	<2	96
Method Blank 04-1912 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

Date Extracted: 09/24/14

Date Analyzed: 09/24/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
AA15-60 409417-04	<50	<250	113
X14-55 409417-09	<50	<250	110
X14-50 409417-10	<50	<250	111
Method Blank 04-1944 MB	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409373-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

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

Laboratory Code: 409417-09 (Matrix Spike)

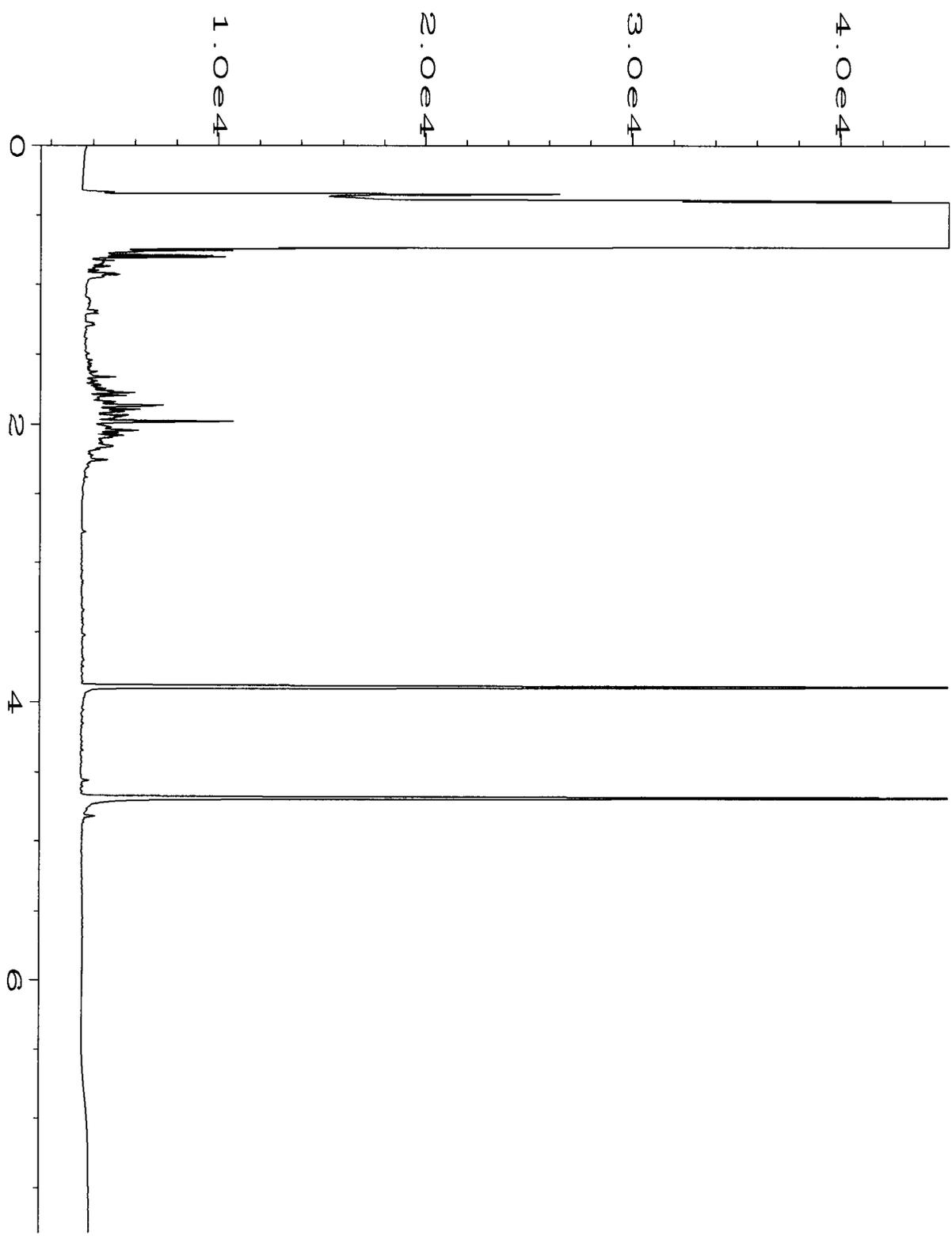
Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	100	64-133	0

Laboratory Code: Laboratory Control Sample

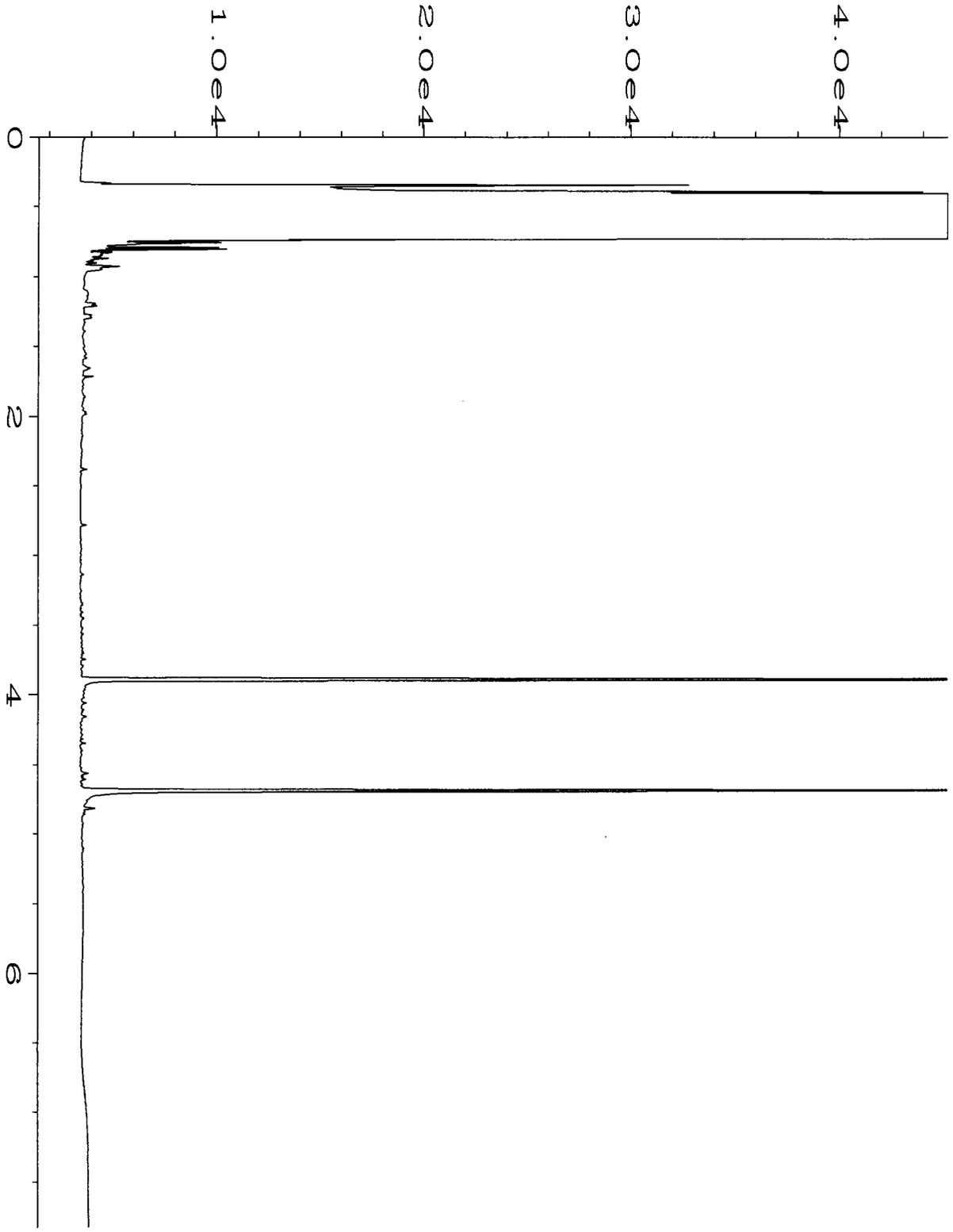
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	113	58-147

Data Qualifiers & Definitions

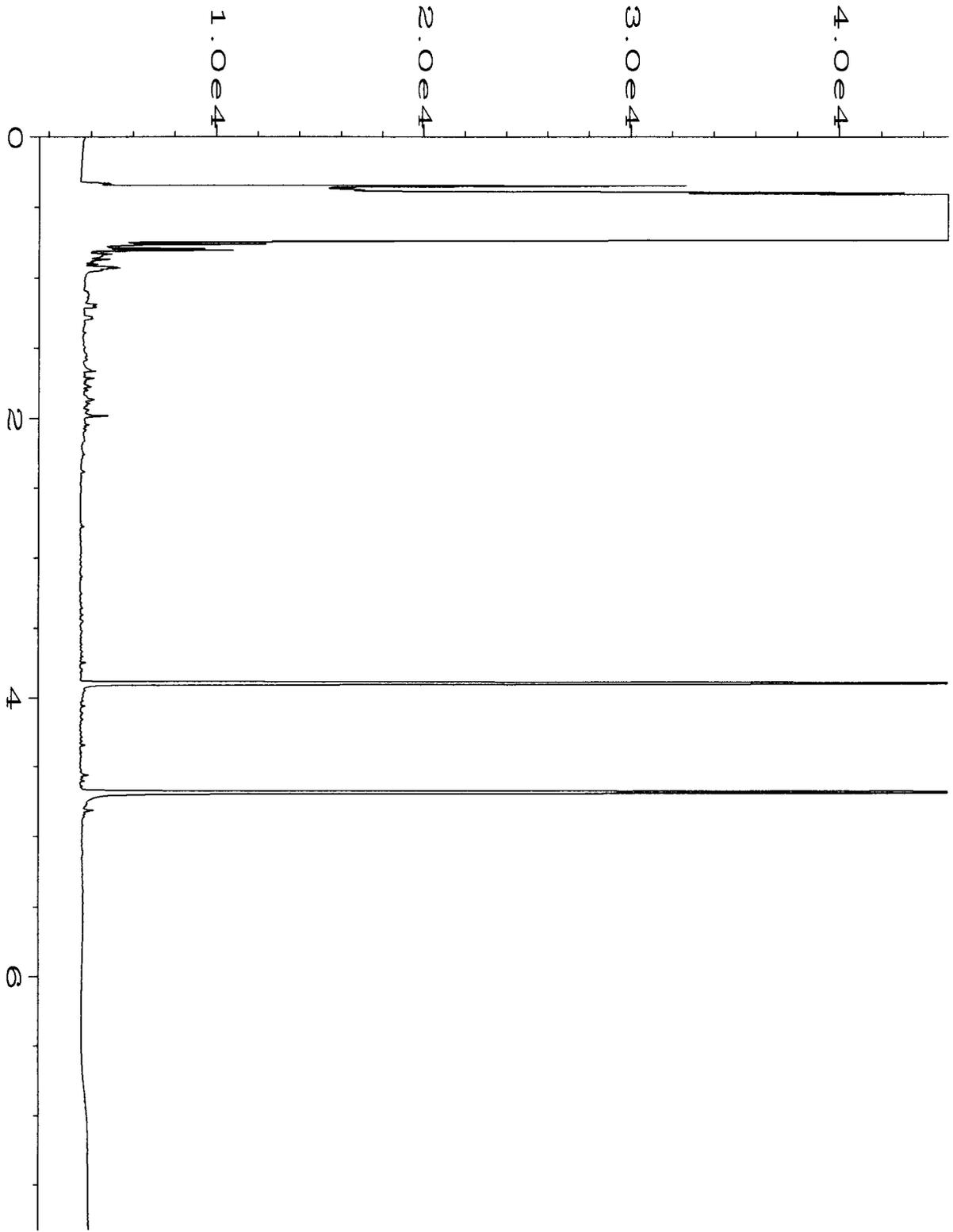
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



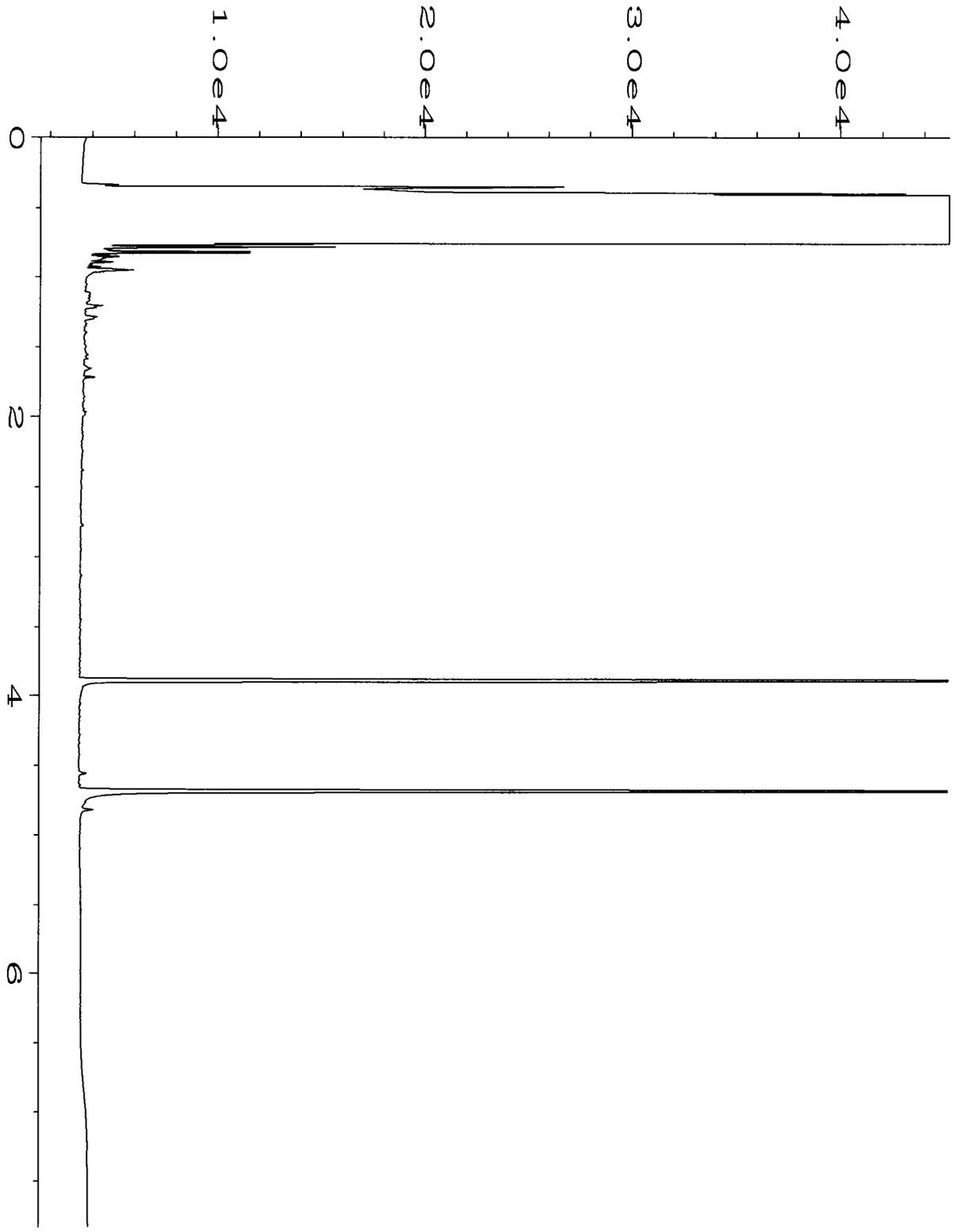
Data File Name	: C:\HPCHEM\6\DATA\09-24-14\048F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 48
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409417-04	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:23 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:12 AM		



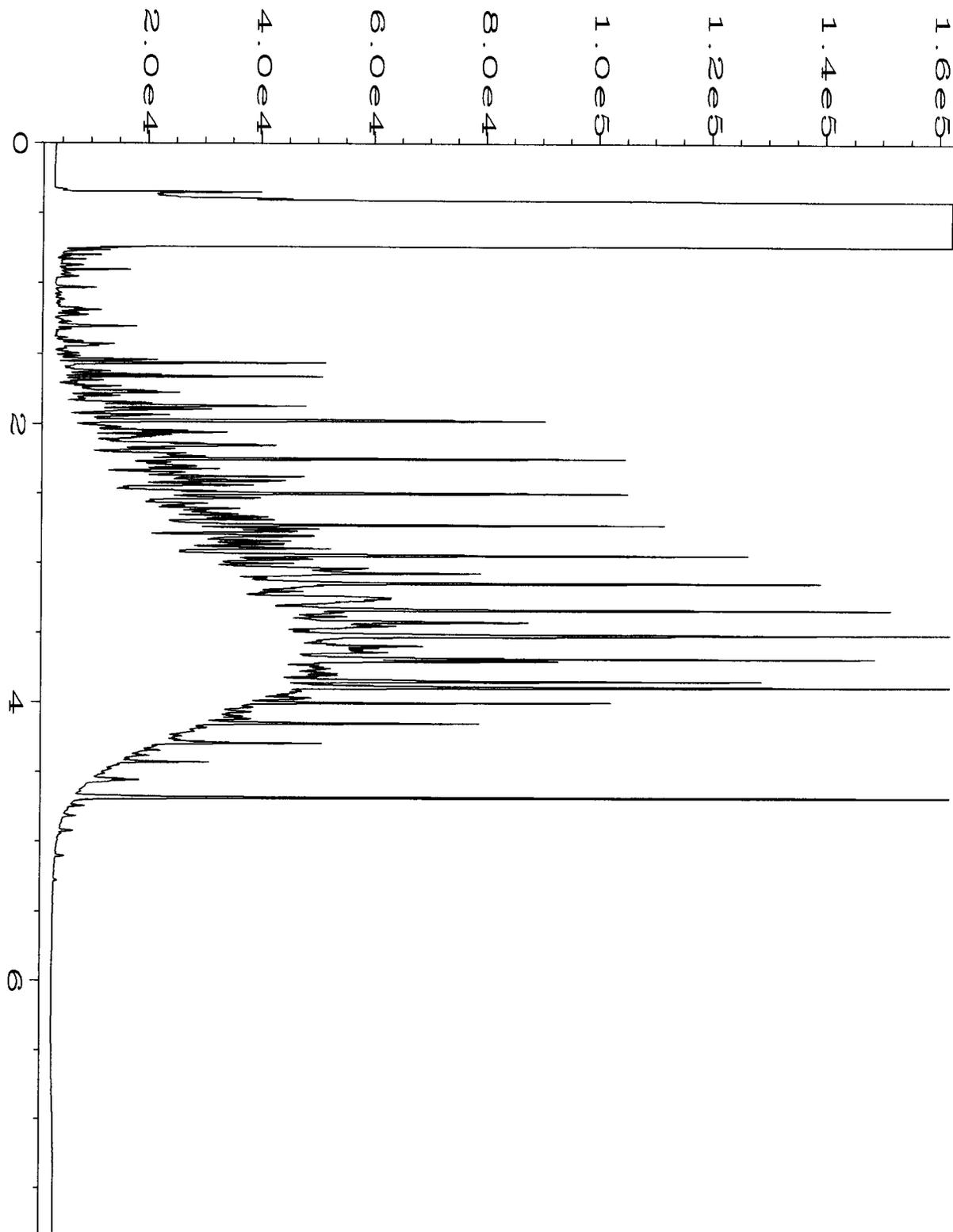
Data File Name	: C:\HPCHEM\6\DATA\09-24-14\049F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 49
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409417-09	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:36 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:13 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-24-14\050F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 50
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409417-10	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:49 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:13 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-24-14\044F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-1944 mb	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 07:31 PM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:13 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-24-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 09:10 AM	Analysis Method	: DX.MTH
Report Created on:	25 Sep 14 09:14 AM		

409417

SAMPLE CHAIN OF CUSTODY

ME 09/23/14

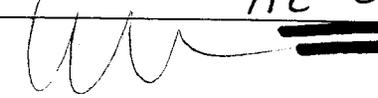
USA

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

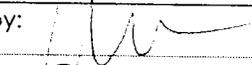
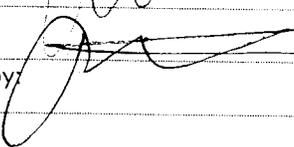
SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <input checked="" type="checkbox"/> per PK 9/24/14 M4.	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hrs.</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	Notes
Y15-60	Y15	60	01 ^A D	9/23/14	1300	soil	4				X	
Y15-55	Y15	55	02	9/23/14	1305	soil	4				X	
Y15-50	Y15	50	03	9/23/14	1315	soil	4				X	
AA15-60	AA15	60	04	9/23/14	1425	soil	4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	X	
AA16-60	AA16	60	05	9/23/14	1435	soil	4				X	
AA16-55	AA16	55	06	9/23/14	1445	soil	4				X	
AA16-50	AA16	50	07		1450	soil	4				X	
X14-60	X14	60	08		1455	soil	4				X	
X14-55	X14	55	09		1500	soil	4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	X	
X14-50	X14	50	10		1505	soil	4	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	X	
Duplicate 12	-	-	11	9/23/14	1550	soil	4				X	

9/23/14

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: 	Courtney Porter	SoundEarth	9/23/14	1525
Received by: 	Jonathan Loeffler	FRB Inc	9/23/14	1535
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 24, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 23, 2014 from the SOU_0731-004-05_20140923, F&BI 409417 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0924R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140923, F&BI 409417 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409417-01	Y15-60
409417-02	Y15-55
409417-03	Y15-50
409417-04	AA15-60
409417-05	AA16-60
409417-06	AA16-55
409417-07	AA16-50
409417-08	X14-60
409417-09	X14-55
409417-10	X14-50
409417-11	Duplicate12

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y15-60	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-01
Date Analyzed:	09/23/14	Data File:	092328.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y15-55	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-02
Date Analyzed:	09/23/14	Data File:	092329.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y15-50	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-03
Date Analyzed:	09/23/14	Data File:	092330.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA15-60	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-04
Date Analyzed:	09/23/14	Data File:	092337.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA16-60	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-05
Date Analyzed:	09/23/14	Data File:	092331.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA16-55	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-06
Date Analyzed:	09/23/14	Data File:	092332.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA16-50	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-07
Date Analyzed:	09/23/14	Data File:	092333.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X14-60	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-08
Date Analyzed:	09/23/14	Data File:	092334.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X14-55	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-09
Date Analyzed:	09/23/14	Data File:	092335.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X14-50	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-10
Date Analyzed:	09/23/14	Data File:	092338.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate12	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	409417-11
Date Analyzed:	09/23/14	Data File:	092336.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140923
Date Extracted:	09/23/14	Lab ID:	04-1895 mb
Date Analyzed:	09/23/14	Data File:	092306.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409400-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	41	42	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	58	10-176	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	60	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	61	59	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	68	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	74	72	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	77	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	80	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	77	75	10-156	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	75	21-139	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	81	20-133	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/24/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409417

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	73	22-139
Chloroethane	mg/kg (ppm)	2.5	88	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	89	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	109	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	62-131
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	111	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409417

SAMPLE CHAIN OF CUSTODY

ME 09/23/14

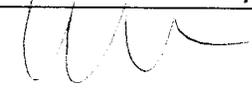
USA

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

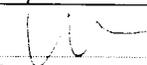
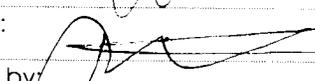
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		TURNAROUND TIME	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	Standard (2 Weeks) X RUSH <u>24 hrs</u> Rush charges authorized by: <u>P. Kingston</u>	
REMARKS	EIM Y	SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Y15-60	Y15	60	01 [↑]	9/23/14	1700	Soil	4					
Y15-55	Y15	55	02	9/23/14	1705	Soil	4					
Y15-50	Y15	50	03	9/23/14	1715	Soil	4					
AA15-60	AA15	60	04	9/24/14	1425	Soil	4					
AA16-60	AA16	60	05	9/23/14	1445	Soil	4					
AA16-55	AA16	55	06	9/23/14	1415	Soil	4					
AA16-50	AA16	50	07		1435	Soil	4					
X14-60	X14	60	08		1455	Soil	4					
X14-55	X14	55	09		1500	Soil	4					
X14-50	X14	50	10		1505	Soil	4					
Duplicate 12			11	9/23/14	1550	Soil	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: 	Courtney Porter	SoundEarth	9/23/14	1535
Received by: 	Jonathan Loeffler	FRJ	9/23/14	1535
Relinquished by:				
Received by:				

Samples received at 4 °C

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on September 23, 2014 from the SOU_0731-004-05_20140923, F&BI 409420 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140923, F&BI 409420 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409420 -01	P1WSW-60
409420 -02	S1WSW-67
409420 -03	U1WSW-67
409420 -04	V1WSW-69
409420 -05	JJ23SSW-78
409420 -06	JJ24SSW-78
409420 -07	JJ28SSW-78
409420 -08	JJ30SSW-78
409420 -09	Y1WSW-70
409420 -10	Z1WSW-70
409420 -11	AA1WSW-71

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u>
Laboratory ID		(Limit 58-139)
S1WSW-67 409420-02	<2	90
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
S1WSW-67 409420-02	<50	<250	107
Method Blank 04-2033 MB2	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-67	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	10/07/14	Lab ID:	409420-02
Date Analyzed:	10/07/14	Data File:	100706.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

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

Laboratory Code: 410092-05 (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	102	116	64-133	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

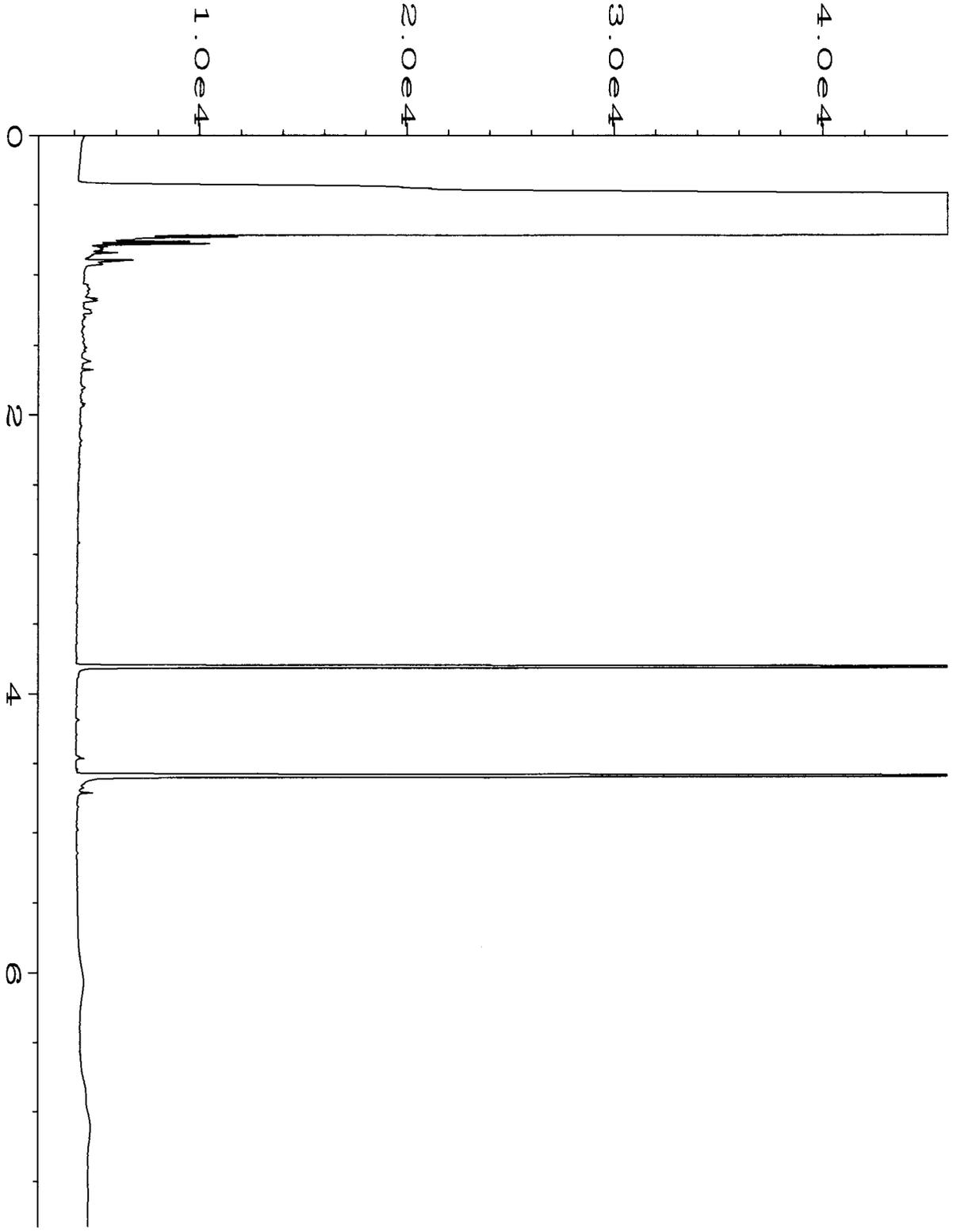
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

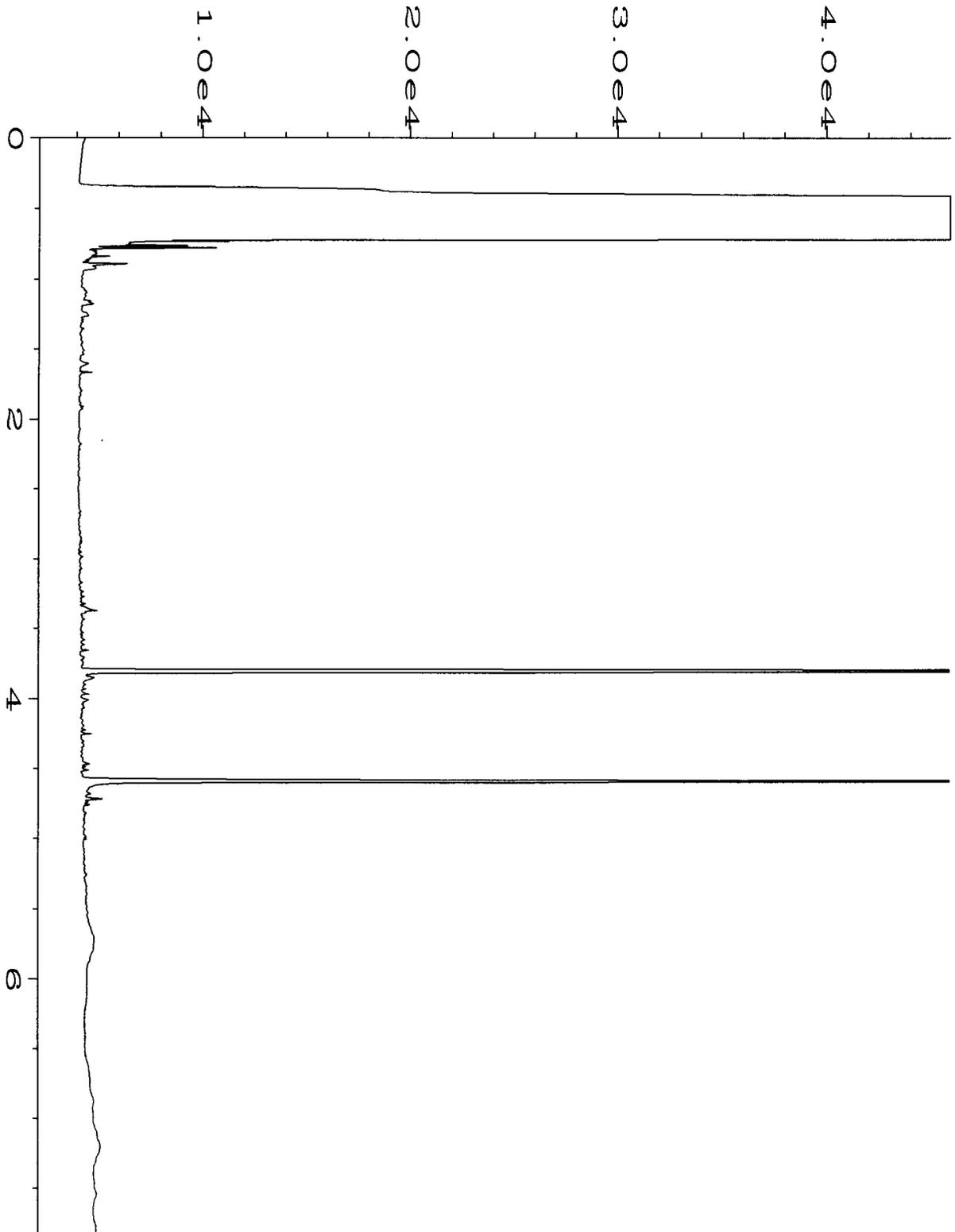
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

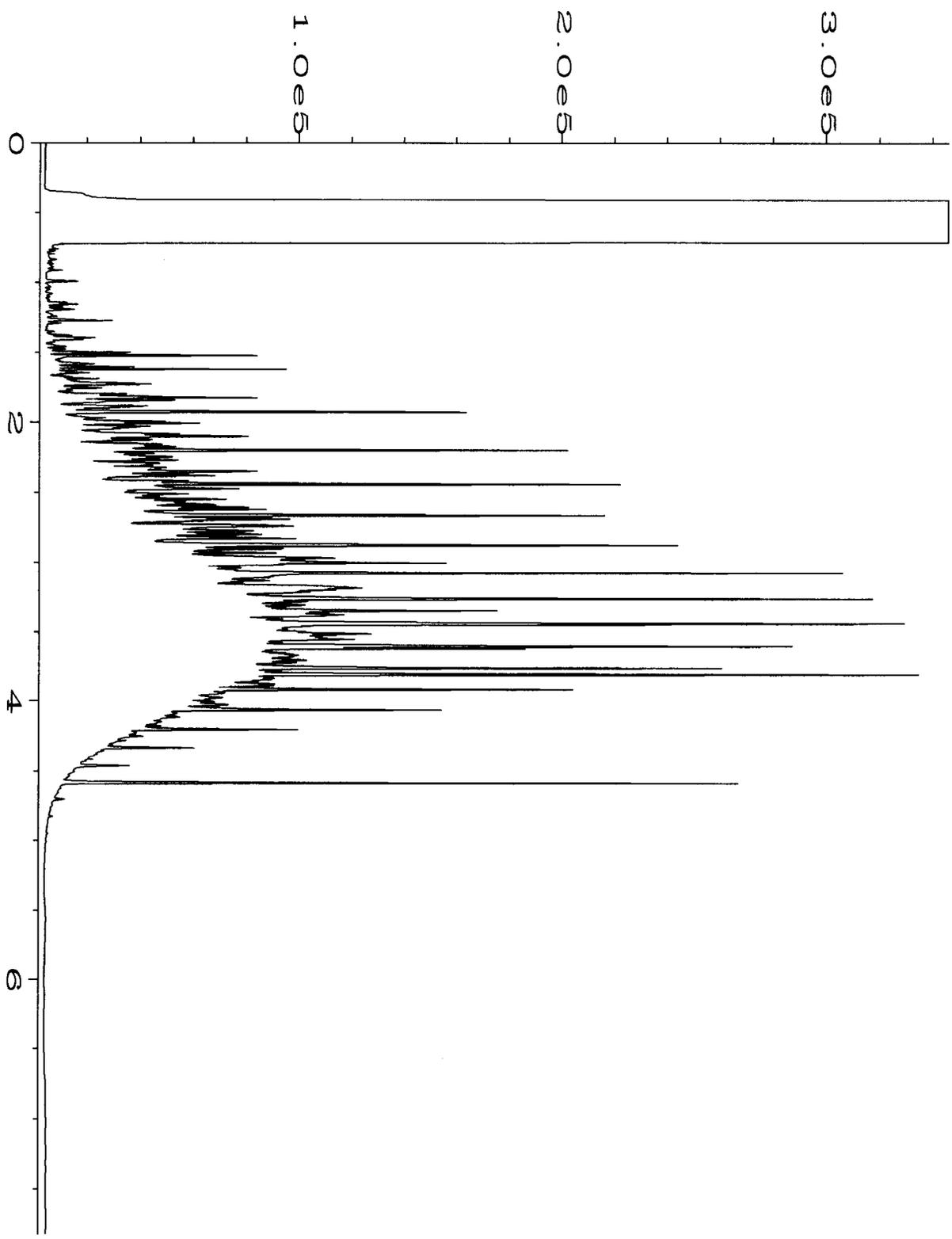
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



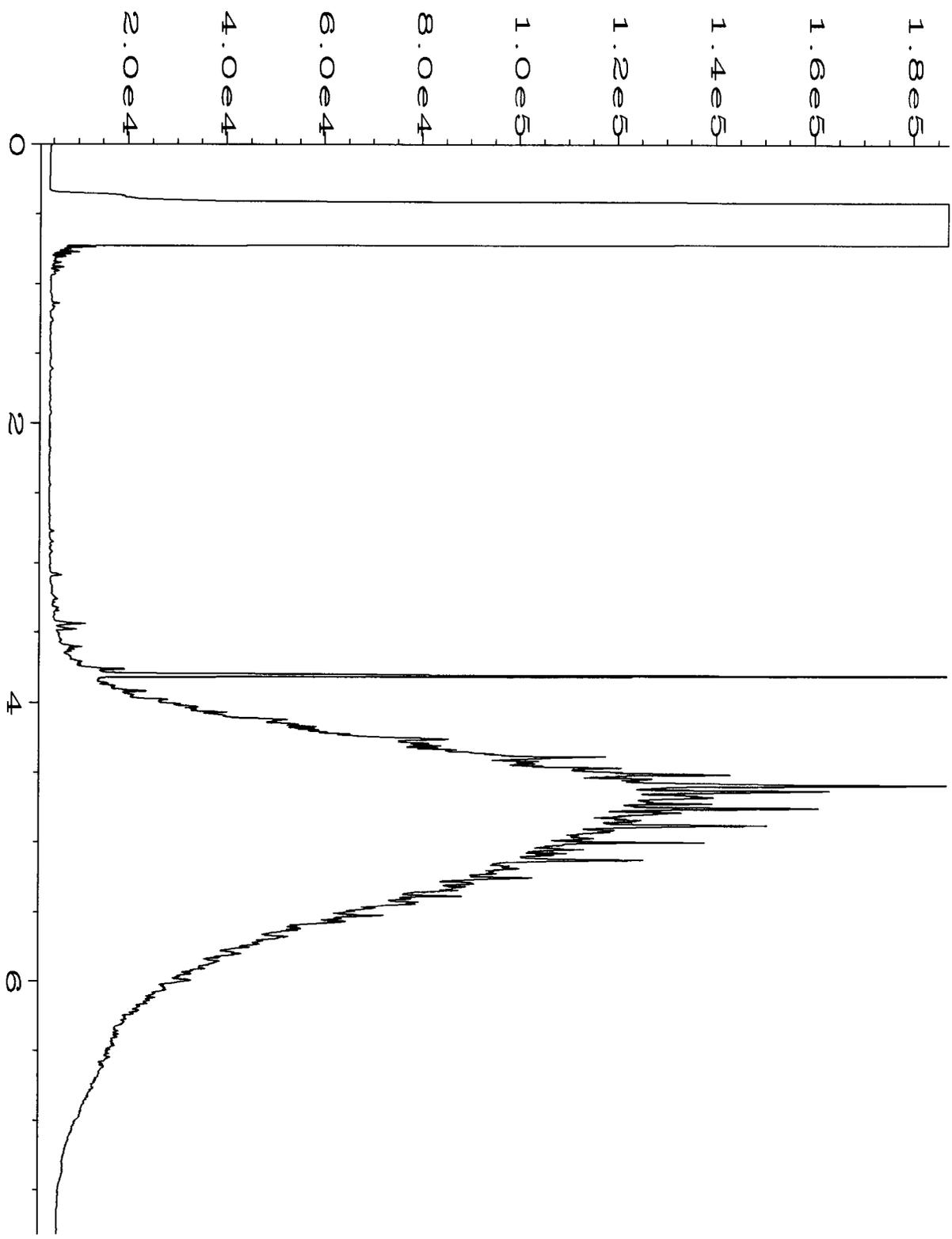
Data File Name	: C:\HPCHEM\6\DATA\10-07-14\024F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 24
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409240-02	Sequence Line	: 9
Run Time Bar Code:	420 SR 10/08/14	Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 05:47 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:40 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\019F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2033 mb2	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 04:46 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\005F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:19 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\004F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:06 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		

409420

SAMPLE CHAIN OF CUSTODY

ME 09-23-14

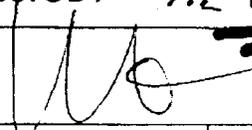
E02 / vs31
Page # of

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS X-per PK 9/24/14 ME. ⊗-per PK 10/7/14 ME.	EIM Y

TURNAROUND TIME XStandard (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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
PIWSW-60	P1	60	01A-E	9/23/14	0845	Soil	5					X	
SIWSW-67	S1	67	02		0850	Soil	5	⊗	⊗	⊗	⊗	X	
UIWSW-67	U1	67	03		0855	Soil	5	X	X	X	X	X	
VIWSW-69	V1	69	04		0900	Soil	5	X	X	X	X	X	
JJ23SSW-78	JJ23	78	05		1045	Soil	5	X	X	X	X	X	
JJ24SSW-78	JJ24	78	06		1055	Soil	5					X	
JJ28SSW-78	JJ28	78	07		1100	Soil	5					X	
JJ30SSW-78	JJ30	78	08		1105	Soil	5	X	X	X	X	X	
Y1WSW-70	Y1	70	09		1235	Soil	5	X	X	X	X	X	
Z1WSW-70	Z1	70	10		1240	Soil	5	X	X	X	X	X	
AA1WSW-71	AA1	71	11		1245	Soil	5	X	X	X	X	X	
								CP 9/23/14					

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
	Courtney Porter	SoundEarth	9/23/14	1535
	Jonathan Loeffler	FBI Inc	9/23/14	1535
				Sample received at: 4 °C

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

October 1, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 23, 2014 from the SOU_0731-004-05_20140923, F&BI 409420 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1001R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140923, F&BI 409420 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409420 -01	PIWSW-60
409420 -02	SIWSW-67
409420 -03	UIWSW-67
409420 -04	VIWSW-69
409420 -05	JJ23SSW-78
409420 -06	JJ24SSW-78
409420 -07	JJ28SSW-78
409420 -08	JJ30SSW-78
409420 -09	Y1WSW-70
409420 -10	Z1WSW-70
409420 -11	AA1WSW-71

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

Date Extracted: 09/29/14

Date Analyzed: 09/29/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
UIWSW-67 409420-03	<2	92
VIWSW-69 409420-04	100	142
JJ23SSW-78 409420-05	<2	89
JJ30SSW-78 409420-08	<2	94
Y1WSW-70 409420-09	<2	93
Z1WSW-70 409420-10	<2	94
AA1WSW-71 409420-11	<2	91
Method Blank 04-1950 MB	<2	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

Date Extracted: 09/24/14

Date Analyzed: 09/24/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
UIWSW-67 409420-03	<50	<250	89
VIWSW-69 409420-04	<50	<250	101
JJ23SSW-78 409420-05	<50	<250	99
JJ30SSW-78 409420-08	<50	<250	94
Y1WSW-70 409420-09	<50	<250	90
Z1WSW-70 409420-10	<50	<250	90
AA1WSW-71 409420-11	<50	<250	93
Method Blank 04-1944 MB	<50	<250	120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	UIWSW-67	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-03
Date Analyzed:	09/25/14	Data File:	092507.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	VIWSW-69	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-04
Date Analyzed:	09/25/14	Data File:	092513.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ23SSW-78	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-05
Date Analyzed:	09/25/14	Data File:	092508.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ30SSW-78	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-08
Date Analyzed:	09/25/14	Data File:	092509.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-70	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-09
Date Analyzed:	09/25/14	Data File:	092510.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-70	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-10
Date Analyzed:	09/25/14	Data File:	092511.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-71	Client:	SoundEarth Strategies
Date Received:	09/23/14	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	409420-11
Date Analyzed:	09/25/14	Data File:	092512.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140923, F&BI 409420
Date Extracted:	09/25/14	Lab ID:	04-1902 mb2
Date Analyzed:	09/25/14	Data File:	092505.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409524-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

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

Laboratory Code: 409417-09 (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	100	100	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	113	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/23/14

Project: SOU_0731-004-05_20140923, F&BI 409420

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409451-02 (Matrix Spike)

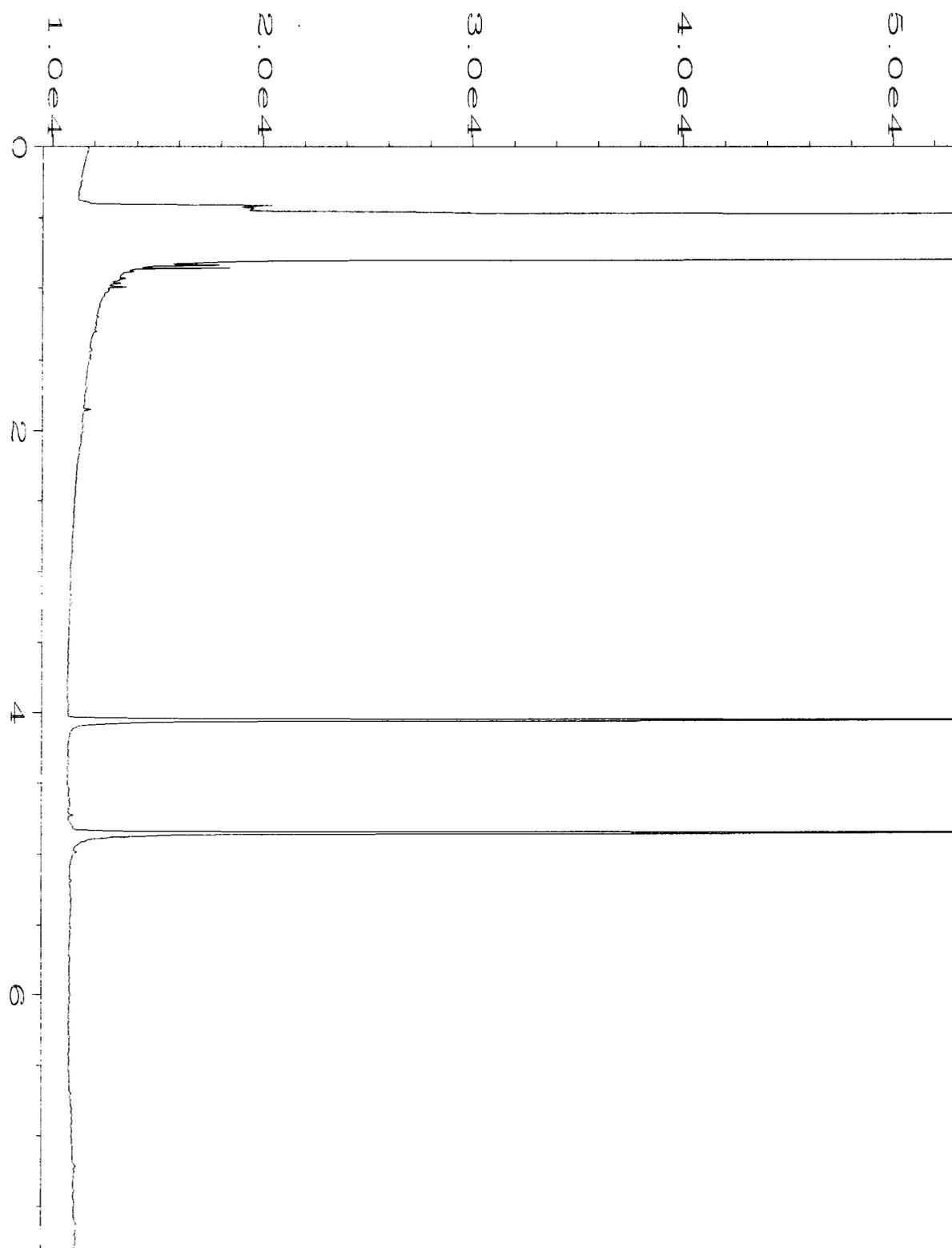
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	39	40	10-138	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	61	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	55	56	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	59	61	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	66	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	69	70	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	74	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	79	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	75	10-156	3
Benzene	mg/kg (ppm)	2.5	<0.03	70	72	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	73	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	74	76	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	75	78	20-133	4
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	77	78	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	79	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	81	33-134	2

Laboratory Code: Laboratory Control Sample

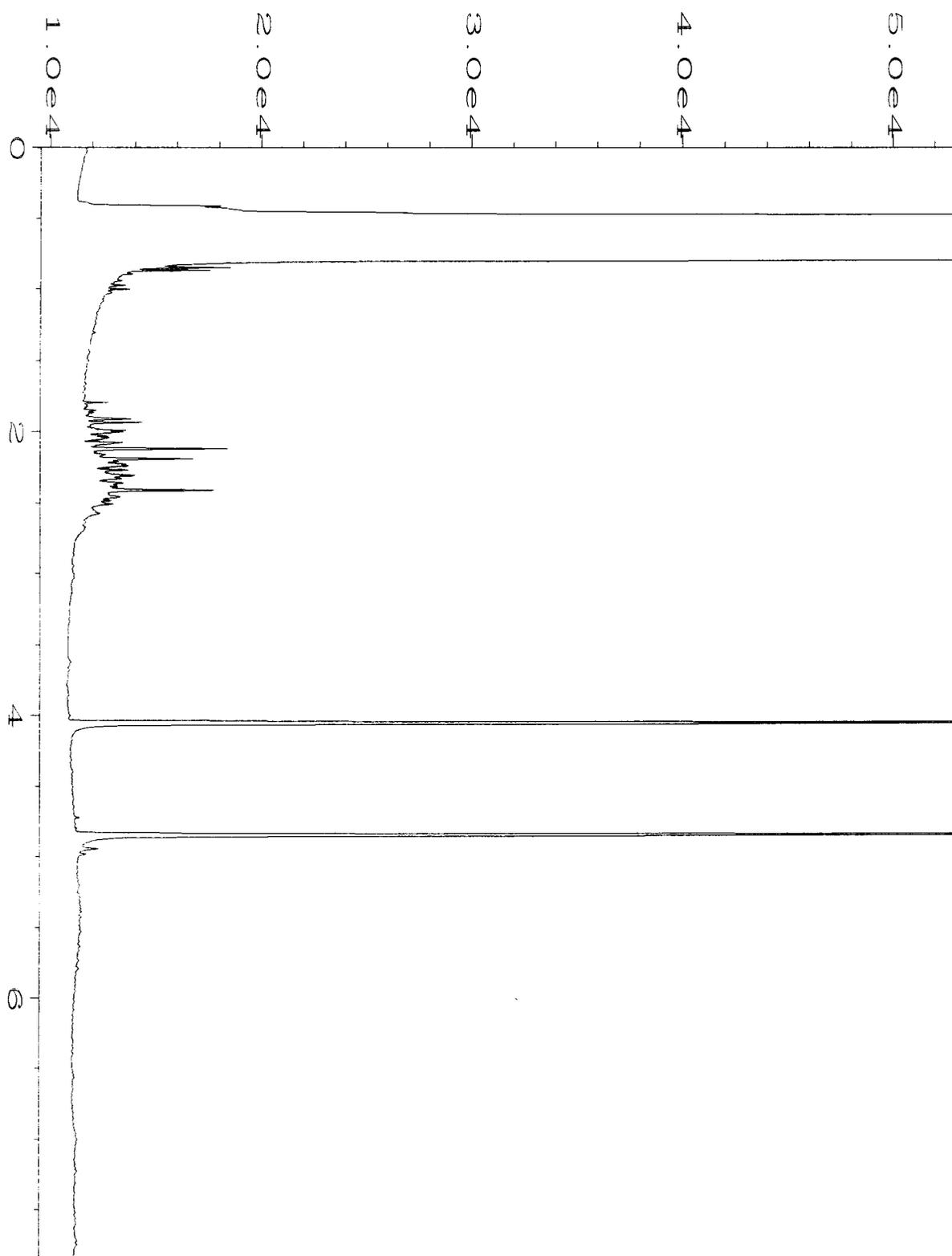
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	67	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	82	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	89	68-114
Trichloroethene	mg/kg (ppm)	2.5	91	64-117
Toluene	mg/kg (ppm)	2.5	93	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	94	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	97	77-124

Data Qualifiers & Definitions

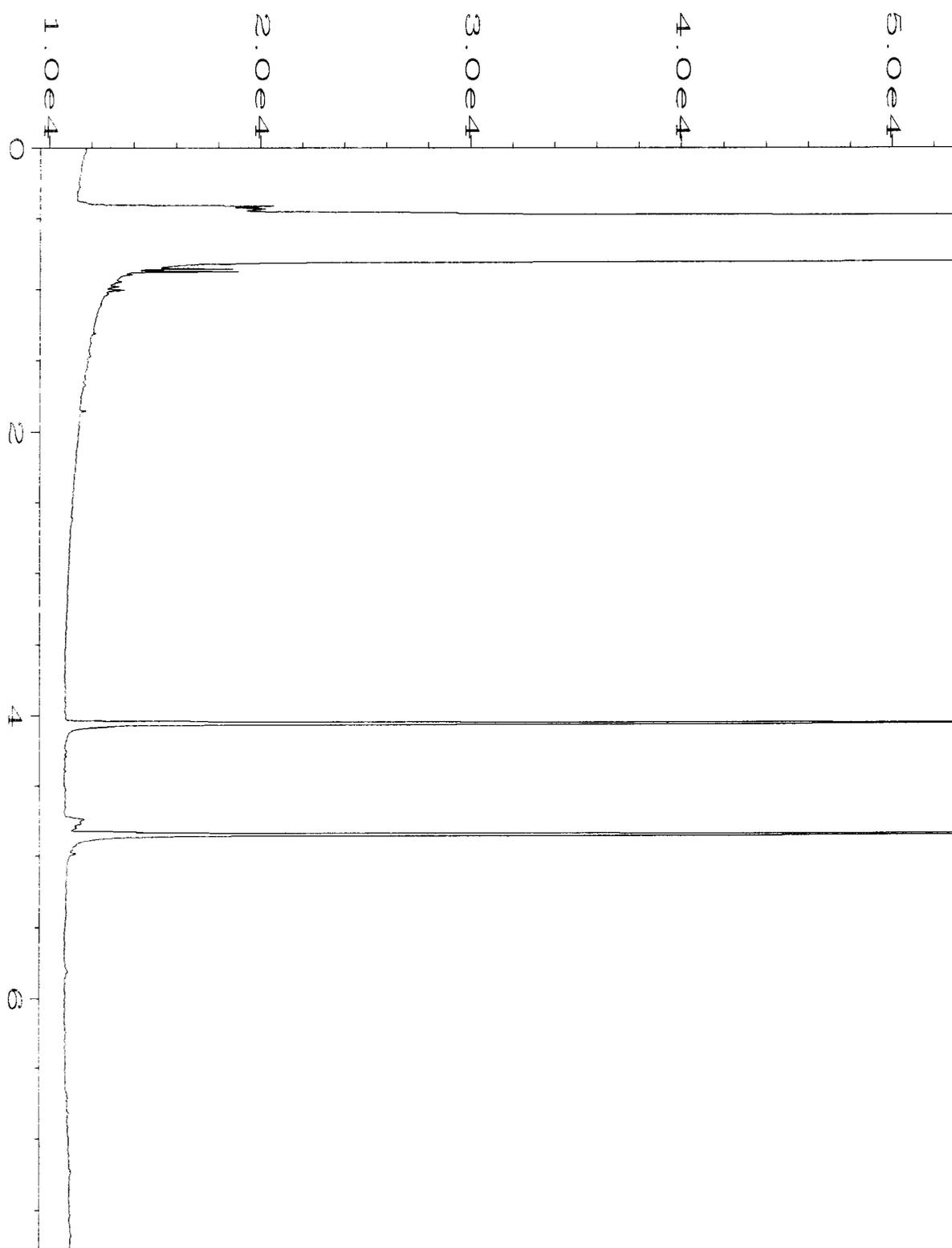
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



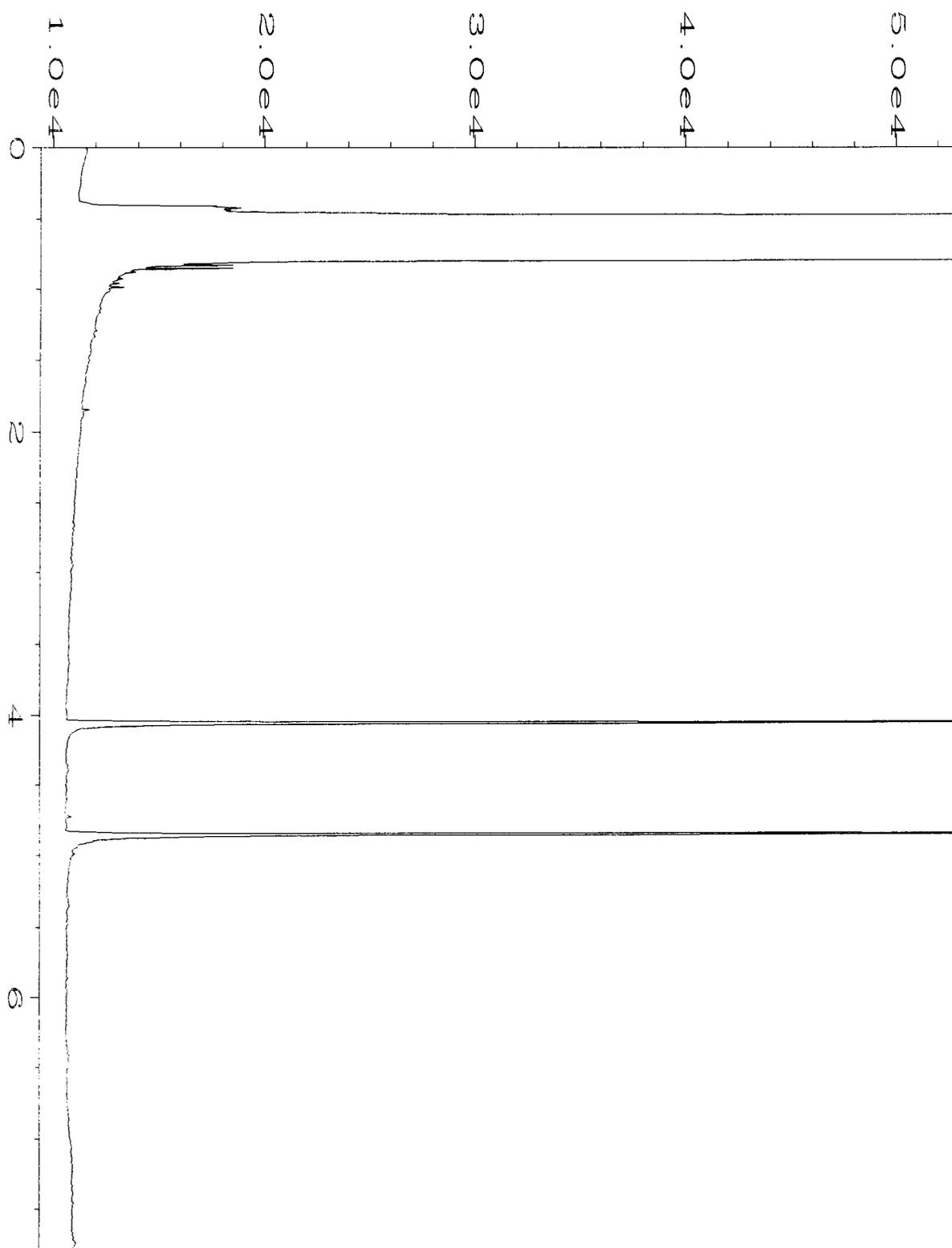
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Operator	: mwdl	Vial Number	: 45
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 07:24 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:27 AM		



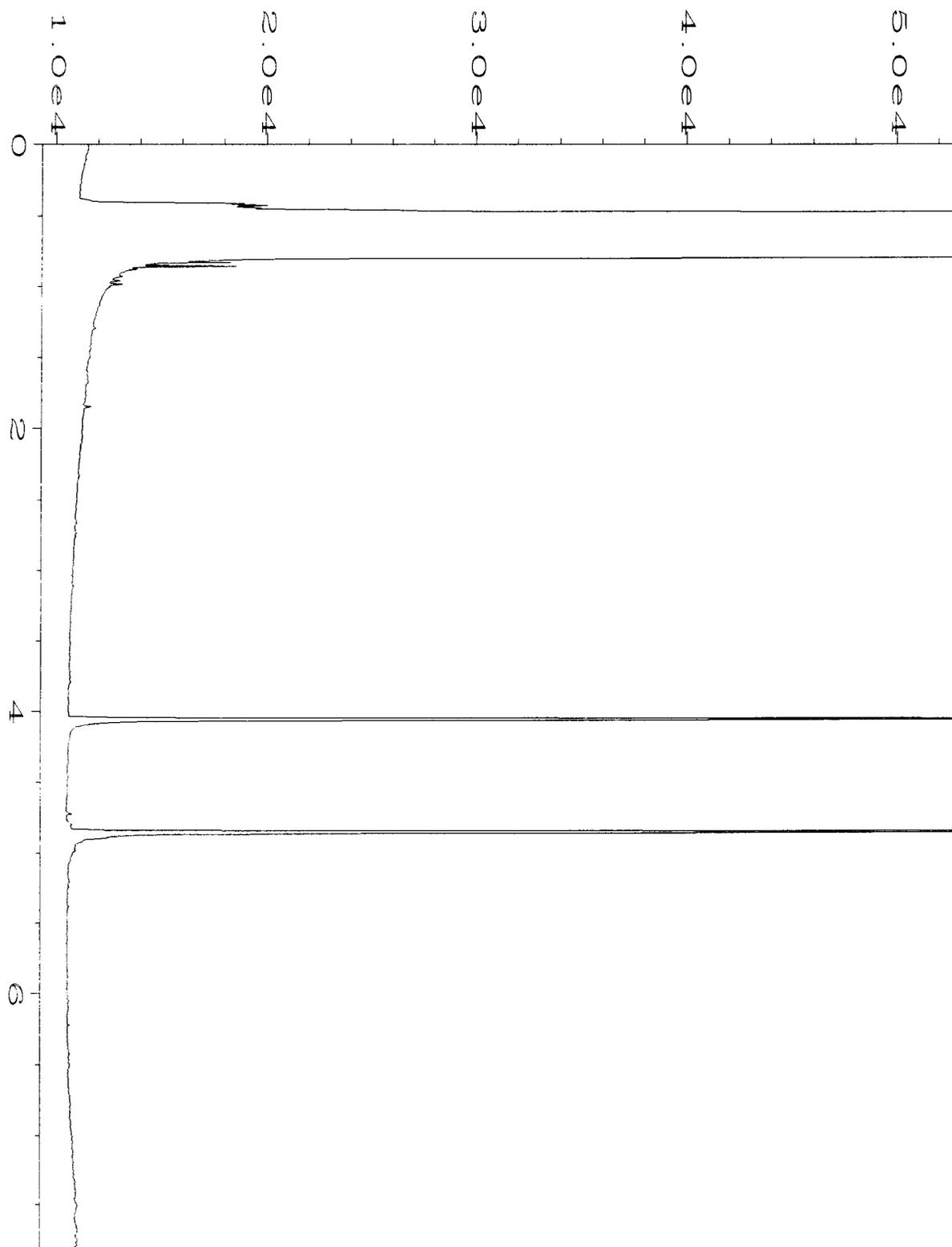
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Operator	: mwdl	Vial Number	: 46
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-04	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 07:37 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:27 AM		



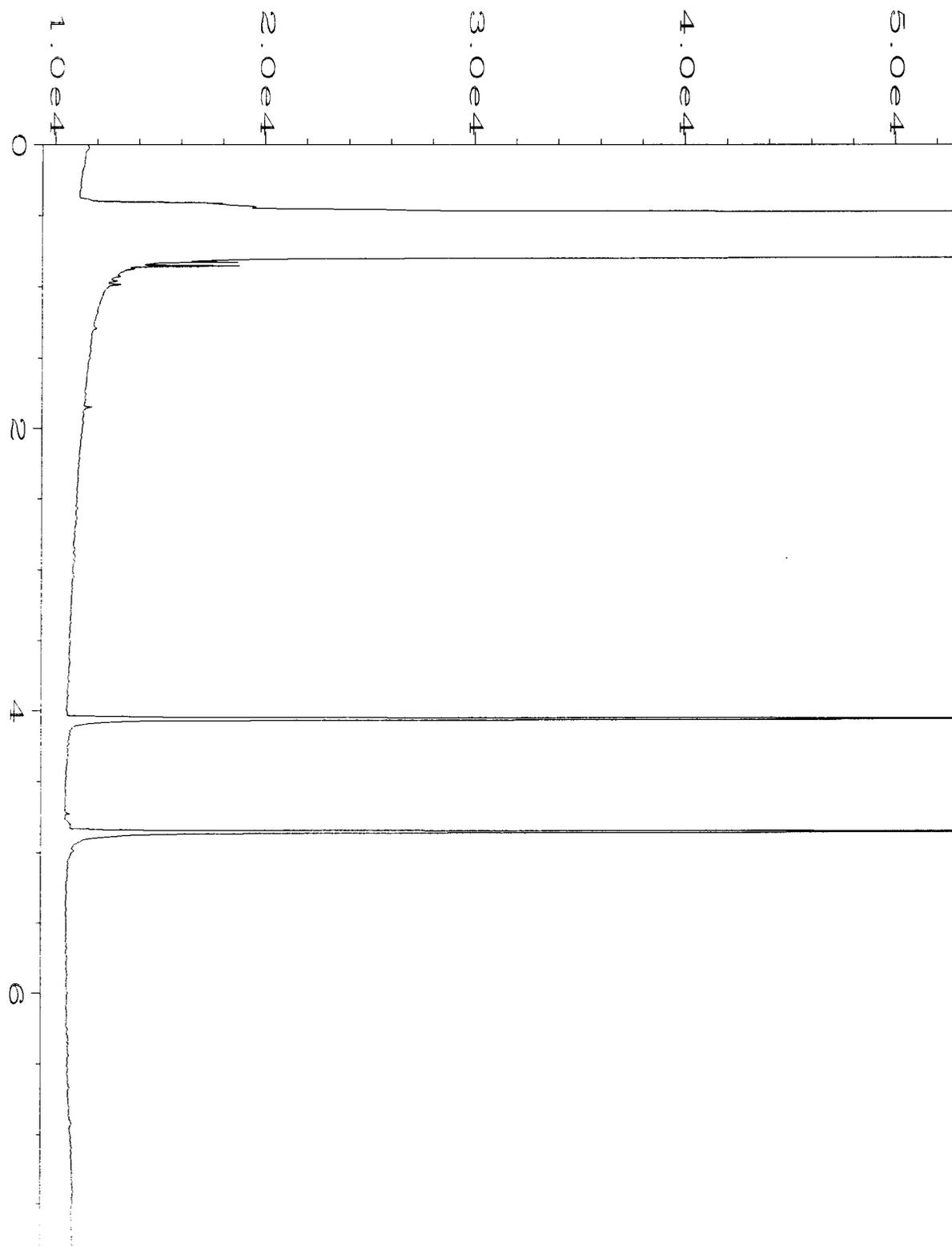
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Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-05	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 07:49 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:27 AM		



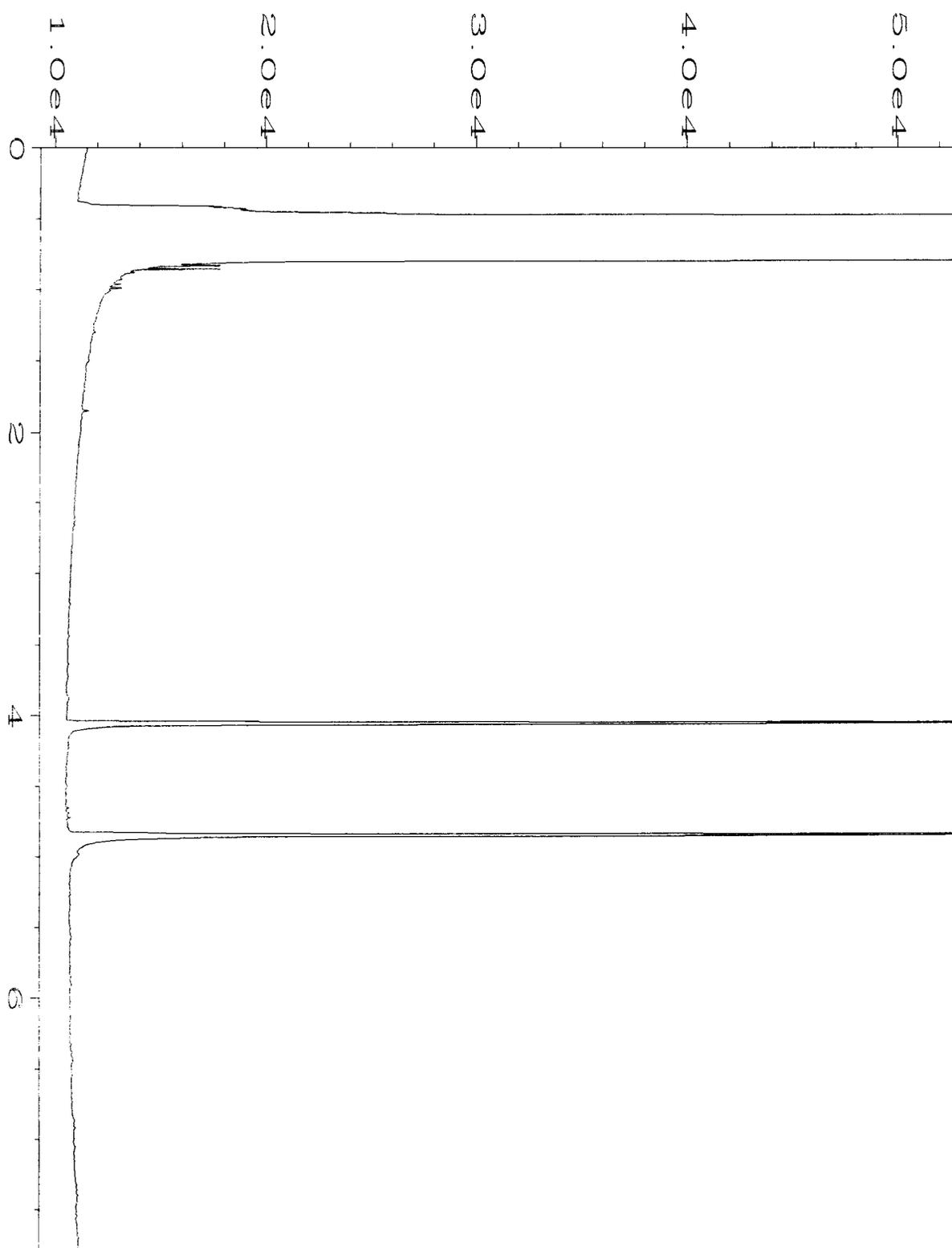
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Operator	: mwdl	Vial Number	: 48
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-08	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:02 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:27 AM		



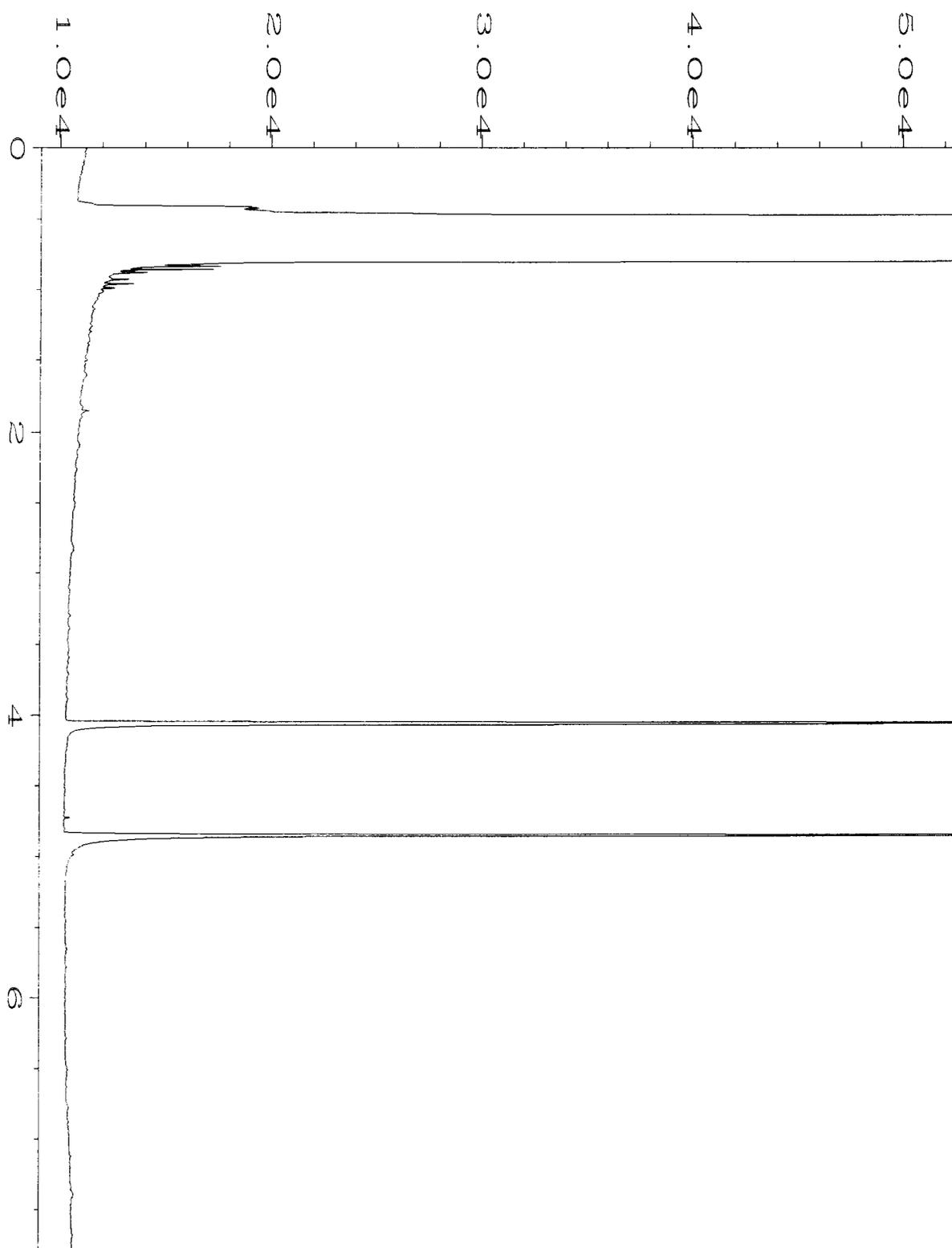
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Operator : mwdl
Instrument : GC1
Sample Name : 409420-09
Run Time Bar Code:
Acquired on : 24 Sep 14 08:15 PM
Report Created on: 25 Sep 14 09:28 AM
Page Number : 1
Vial Number : 49
Injection Number : 1
Sequence Line : 7
Instrument Method: DX.MTH
Analysis Method : END.MTH



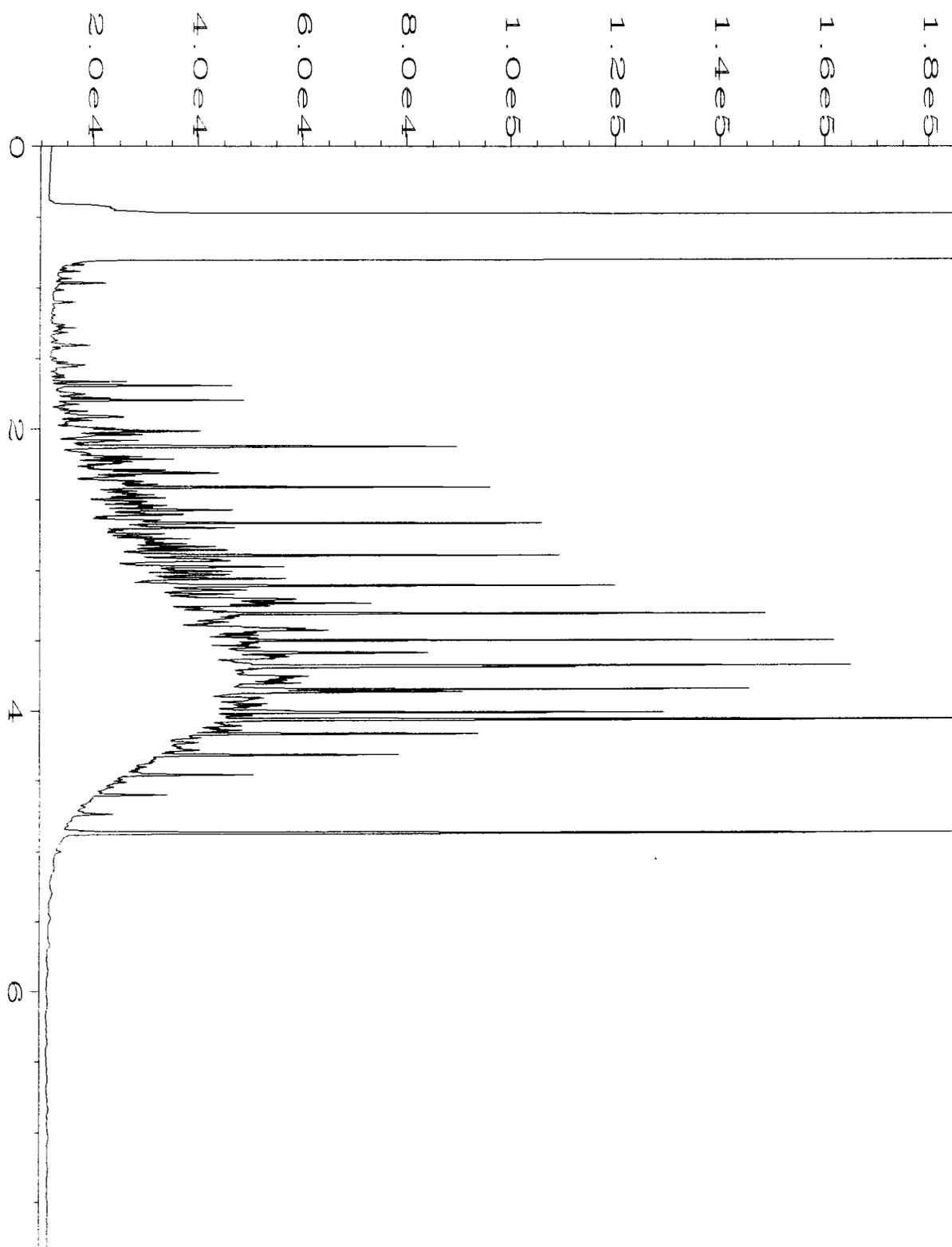
Data File Name	: C:\HPCHEM\1\DATA\09-24-14\050F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 50
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-10	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:28 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-24-14\051F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 51
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409420-11	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 08:41 PM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-24-14\015F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 15
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1942 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 11:19 AM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\09-24-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 24 Sep 14 09:04 AM	Analysis Method	: END.MTH
Report Created on:	25 Sep 14 09:28 AM		

409420

SAMPLE CHAIN OF CUSTODY

ME 09-23-14

E02 / vs 31

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)

[Handwritten Signature]

Page # 1 of 1

PROJECT NAME/NO.

Troy Laundry Property

PO #

0731-004-05

REMARKS

X-per PK 9/24/14 ME.

EIM Y

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
PIWSW-60	P1	60	01A-E	9/23/14	0845	Soil	5					
SIWSW-67	S1	67	02		0850	Soil	5					
VIWSW-67	V1	67	03		0855	Soil	5	X	X	X	X	
VIWSW-69	V1	69	04		0900	Soil	5	X	X	X	X	
JJ23SSW-78	JJ23	78	05		1045	Soil	5	X	X	X	X	
JJ24SSW-78	JJ24	78	06		1055	Soil	5					
JJ28SSW-78	JJ28	78	07		1100	Soil	5					
JJ30SSW-78	JJ30	78	08		1105	Soil	5	X	X	X	X	
YIWSW-70	Y1	70	09		1235	Soil	5	X	X	X	X	
ZIWSW-70	Z1	70	10		1240	Soil	5	X	X	X	X	
AAIWSW-71	AA1	71	11		1245	Soil	5	X	X	X	X	
CP 9/23/14												

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
<i>[Signature]</i>	Courtney Porter	SoundEarth	9/23/14	1535
<i>[Signature]</i>	Walt L. Saylor	FBI	9/23/14	1535
Received by:				Sample received at: <u>4</u> °C

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

September 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 25, 2014 from the SOU_0731-004-05_20140925, F&BI 409487 project. There are 23 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU0926R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140925, F&BI 409487 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409487-01	P11-59
409487-02	P11-55
409487-03	P11-50
409487-04	P11-45
409487-05	R11-60
409487-06	R11-55
409487-07	R11-50
409487-08	N11-55
409487-09	N11-50
409487-10	N11-45
409487-11	N9-45
409487-12	N9-40
409487-13	O7-55
409487-14	O7-50
409487-15	O7-45
409487-16	O7-40
409487-17	Duplicate 13
409487-18	Duplicate 14

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-59	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-01
Date Analyzed:	09/26/14	Data File:	092544.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-02
Date Analyzed:	09/26/14	Data File:	092545.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	83	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-03
Date Analyzed:	09/25/14	Data File:	092524.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-04
Date Analyzed:	09/26/14	Data File:	092543.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	91	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R11-60	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-05
Date Analyzed:	09/25/14	Data File:	092525.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R11-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-06
Date Analyzed:	09/25/14	Data File:	092526.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R11-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-07
Date Analyzed:	09/26/14	Data File:	092547.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.040

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N11-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-08
Date Analyzed:	09/25/14	Data File:	092527.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N11-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-09
Date Analyzed:	09/25/14	Data File:	092528.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N11-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-10
Date Analyzed:	09/25/14	Data File:	092529.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N9-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-11
Date Analyzed:	09/25/14	Data File:	092530.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N9-40	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-12
Date Analyzed:	09/26/14	Data File:	092542.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	07-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-13
Date Analyzed:	09/25/14	Data File:	092531.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O7-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-14
Date Analyzed:	09/25/14	Data File:	092532.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O7-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-15
Date Analyzed:	09/26/14	Data File:	092548.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	90	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.031

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O7-40	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-16
Date Analyzed:	09/25/14	Data File:	092534.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 13	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-17
Date Analyzed:	09/26/14	Data File:	092546.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.054

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 14	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	409487-18
Date Analyzed:	09/25/14	Data File:	092533.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140925
Date Extracted:	09/25/14	Lab ID:	04-1904 mb
Date Analyzed:	09/25/14	Data File:	092523.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409487

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409487-09 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	30	35	10-138	15
Chloroethane	mg/kg (ppm)	2.5	<0.5	49	56	10-176	13
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	46	54	10-160	16
Methylene chloride	mg/kg (ppm)	2.5	<0.5	50	59	10-156	17
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	57	64	14-137	12
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	63	71	19-140	12
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	76	25-135	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	74	82	12-160	10
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	65	73	10-156	12
Trichloroethene	mg/kg (ppm)	2.5	<0.02	68	77	21-139	12
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	82	20-133	10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409487

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	22-139
Chloroethane	mg/kg (ppm)	2.5	82	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	82	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409487

SAMPLE CHAIN OF CUSTODY

ME 09/25/14

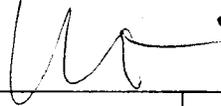
Page # 1 of 2 VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

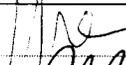
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hrs.</u> Rush charges authorized by: <u>P. Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
P11-59	P11	59	01	9/25/14	0845	Soil	4				X	
P11-55	P11	55	02		0855	Soil	4				X	
P11-50	P11	50	03		0900	Soil	4				X	
P11-45	P11	45	04		0905	Soil	4				X	
R11-60	R11	60	05		0910	Soil	4				X	
R11-55	R11	55	06		0915	Soil	4				X	
R11-50	R11	50	07		0920	Soil	4				X	
N11-55	N11	55	08		0935	Soil	4				X	
N11-50	N11	50	09		0940	Soil	4				X	
N11-45	N11	45	10		0945	Soil	4				X	
N9-45	N9	45	11		1045	Soil	4				X	
N9-40	N9	40	12		1050	Soil	4				X	
O7-55	O7	55	13		1055	Soil	4				X	

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: 	Courtney Porter	SoundEarth	9/24/14	1439
Received by: 	Matthew Kingston	FB Inc	9/25/14	1439
Relinquished by:				
Received by:				

Samples received at 4 °C

409487

SAMPLE CHAIN OF CUSTODY

ME 09/25/14

Page # 2 of 2

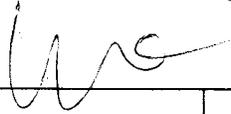
V53

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

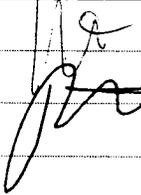
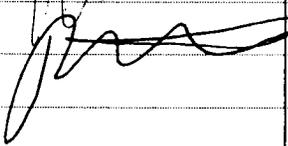
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24 hrs. Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
07-50	07	50	14 ^A	9/25/14	1110	Soil	4				X	
07-45	07	45	15		1115	Soil	4				X	
07-40	07	40	16		1120	Soil	4				X	
Duplicate 13	—	—	17		0830	Soil	4				X	
Duplicate 14	—	—	18		1055	Soil	4				X	
9/25/14												

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: 	Courtney Porter	SoundEarth	9/25/14	1439
Received by: 	Pete Kingston	FEBC	9/25/14	1439
Relinquished by:				
Received by:				
Samples received at			4	°C

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 25, 2014 from the SOU_0731-004-05_20140925, F&BI 409488 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_ 0731-004-05_20140925, F&BI 409488 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409488 -01	S1WSW-62
409488 -02	U1WSW-62
409488 -03	V1WSW-64
409488 -04	AA1WSW-66
409488 -05	Z1WSW-65
409488 -06	Y1WSW-65
409488 -07	II1WSW-82
409488 -08	JJ4SSW-84
409488 -09	JJ6SSW-85
409488 -10	JJ8SSW-85
409488 -11	JJ4SSW-79
409488 -12	JJ6SSW-80

The 8260C matrix spike and matrix spike duplicate failed the relative percent difference for several compounds. The analytes were not detected therefore the data were acceptable. In addition, the vinyl chloride matrix spike failed below the acceptance criteria. The laboratory control sample passed the acceptance criteria, therefore the data were likely due to matrix effect.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409488

Date Extracted: 09/26/14, 10/03/14 and 10/07/14

Date Analyzed: 09/26/14, 10/03/14 and 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-62 409488-01	<2	87
U1WSW-62 409488-02	<2	89
V1WSW-64 409488-03	<2	94
AA1WSW-66 409488-04	<2	90
Z1WSW-65 409488-05	<2	89
Y1WSW-65 409488-06	<2	90
II1WSW-82 409488-07	<2	89
Method Blank 04-1945 MB	<2	91
Method Blank 04-1955 MB	<2	91
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

Date Extracted: 09/26/14, 10/02/14, and 10/07/14

Date Analyzed: 09/26/14, 10/02/14, and 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
S1WSW-62 409488-01	<50	<250	103
U1WSW-62 409488-02	<50	<250	98
V1WSW-64 409488-03	<50	<250	93
AA1WSW-66 409488-04	<50	<250	102
Z1WSW-65 409488-05	<50	<250	92
Y1WSW-65 409488-06	<50	<250	93
II1WSW-82 409488-07	<50	<250	94
Method Blank 04-1971 MB	<50	<250	91
Method Blank 04-2003 MB	<50	<250	108
Method Blank 04-2036 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-62	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/07/14	Lab ID:	409488-01
Date Analyzed:	10/07/14	Data File:	100707.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-62	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/02/14	Lab ID:	409488-02
Date Analyzed:	10/02/14	Data File:	100213.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-64	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	09/26/14	Lab ID:	409488-03
Date Analyzed:	09/29/14	Data File:	092908.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-66	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/02/14	Lab ID:	409488-04
Date Analyzed:	10/02/14	Data File:	100214.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-65	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/02/14	Lab ID:	409488-05
Date Analyzed:	10/02/14	Data File:	100215.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-65	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/02/14	Lab ID:	409488-06
Date Analyzed:	10/02/14	Data File:	100225.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	II1WSW-82	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/07/14	Lab ID:	409488-07
Date Analyzed:	10/07/14	Data File:	100708.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	09/26/14	Lab ID:	04-1963 mb2
Date Analyzed:	09/29/14	Data File:	092905.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/02/14	Lab ID:	04-1993 mb
Date Analyzed:	10/02/14	Data File:	100206.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_ 0731-004-05_20140925, F&BI 409488
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409456-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410026-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

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

Laboratory Code: 409488-03 (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	92	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

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

Laboratory Code: 409552-01 (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	170	92	92	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	83	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409496-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	18	7 vo	10-138	88 a
Chloroethane	mg/kg (ppm)	2.5	<0.5	34	18	10-176	62 a
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	34	19	10-160	57 a
Methylene chloride	mg/kg (ppm)	2.5	<0.5	44	28	10-156	44 vo
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	47	31	14-137	41 vo
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	56	42	19-140	29 vo
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	53	25-135	17
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	66	12-160	10
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	60	43	10-156	33 vo
Benzene	mg/kg (ppm)	2.5	<0.03	60	50	29-129	18
Trichloroethene	mg/kg (ppm)	2.5	<0.02	63	52	21-139	19
Toluene	mg/kg (ppm)	2.5	<0.05	70	63	35-130	11
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	61	20-133	15
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	76	71	32-137	7
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	73	34-136	7
o-Xylene	mg/kg (ppm)	2.5	<0.05	81	76	33-134	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	66	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	47-128
Methylene chloride	mg/kg (ppm)	2.5	89	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	97	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	106	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	105	62-131
Benzene	mg/kg (ppm)	2.5	97	68-114
Trichloroethene	mg/kg (ppm)	2.5	100	64-117
Toluene	mg/kg (ppm)	2.5	99	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	105	72-114
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	105	78-122
o-Xylene	mg/kg (ppm)	2.5	103	77-124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410036-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	59	60	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	80	80	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	78	78	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	87	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	92	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	96	98	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	93	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	86	88	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	90	92	21-139	2
Toluene	mg/kg (ppm)	2.5	<0.05	92	93	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	98	97	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	95	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	95	96	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	97	98	33-134	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	93	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	79	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	90	68-114
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114
Ethylbenzene	mg/kg (ppm)	2.5	99	64-123
m,p-Xylene	mg/kg (ppm)	5	99	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_ 0731-004-05_20140925, F&BI 409488

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

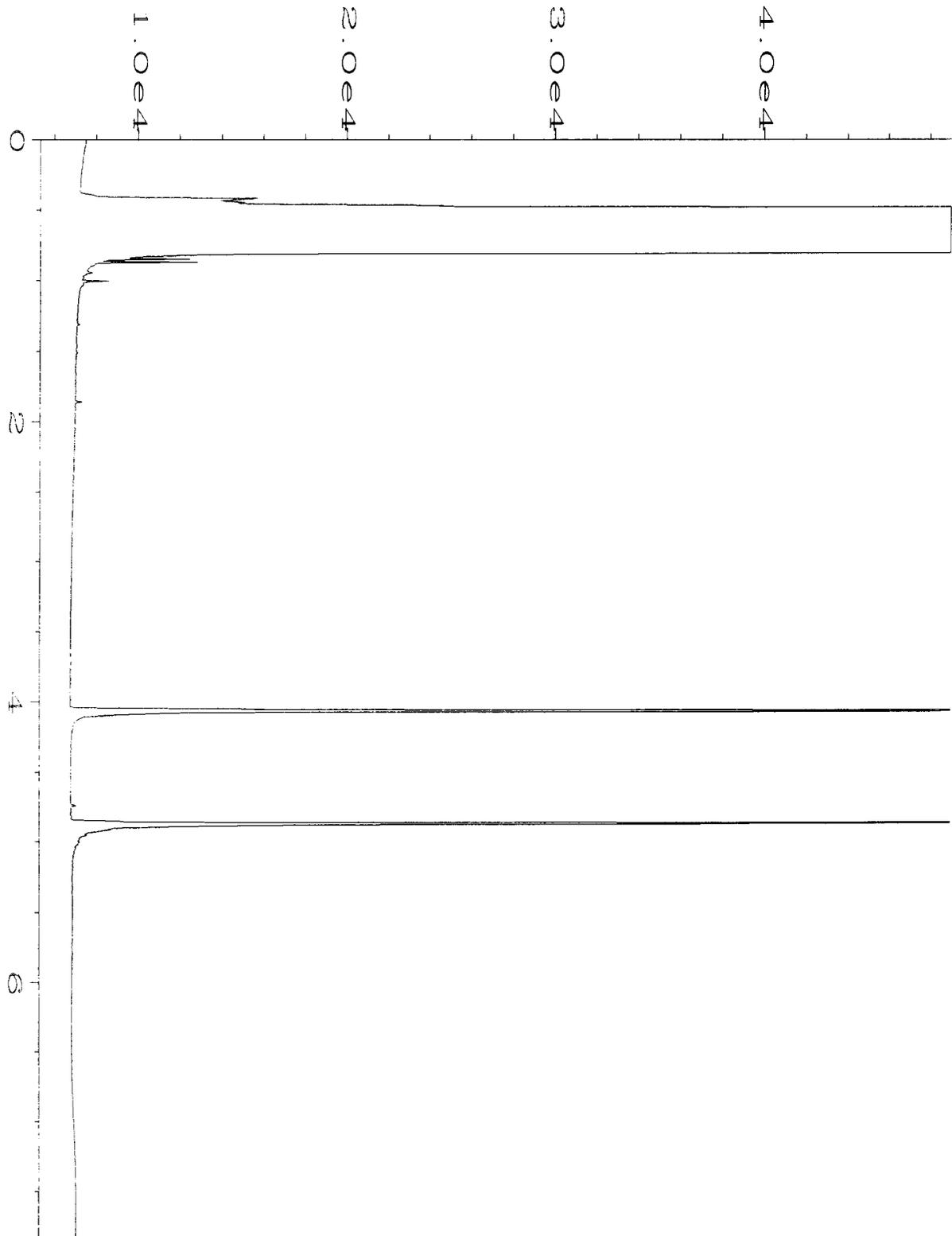
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

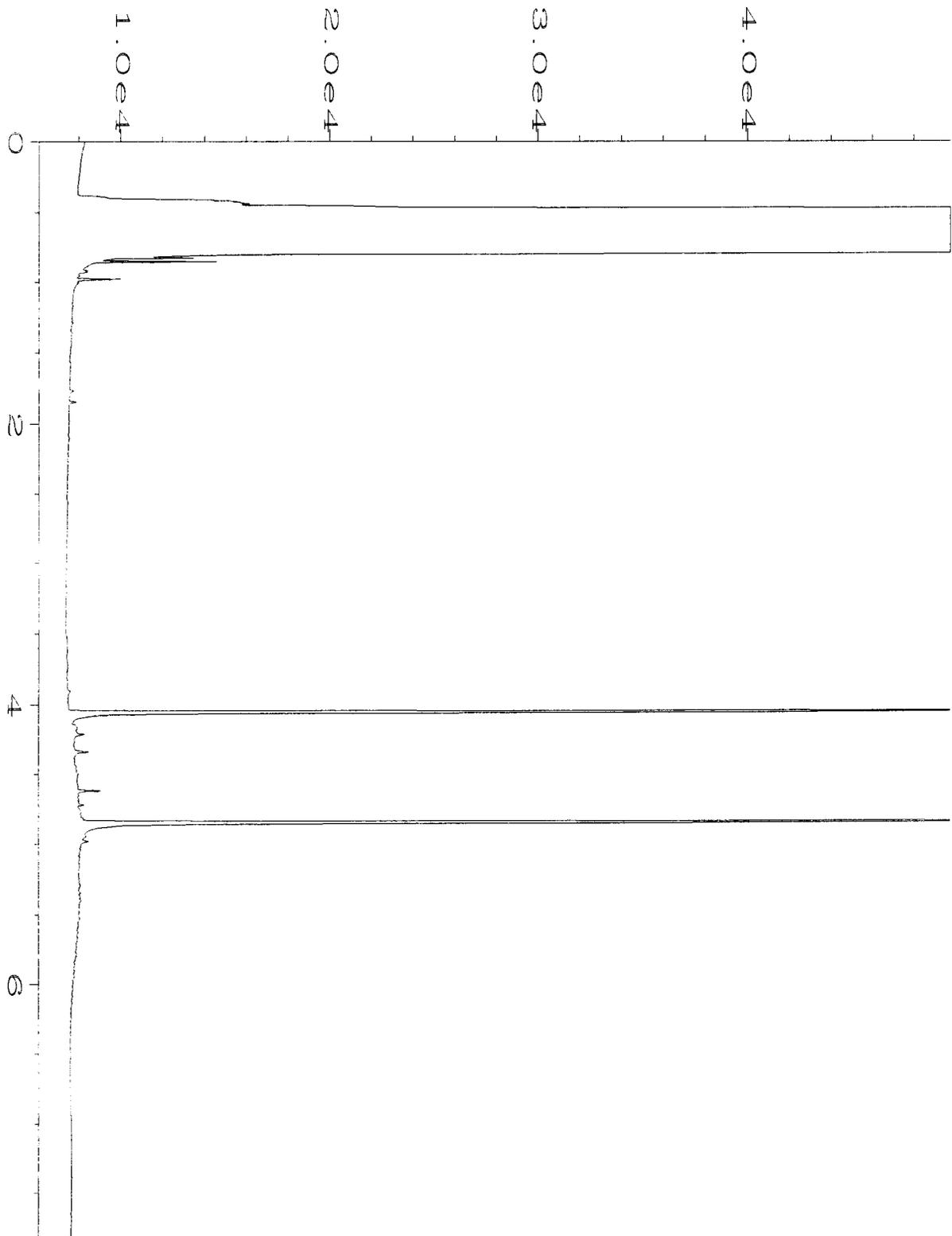
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

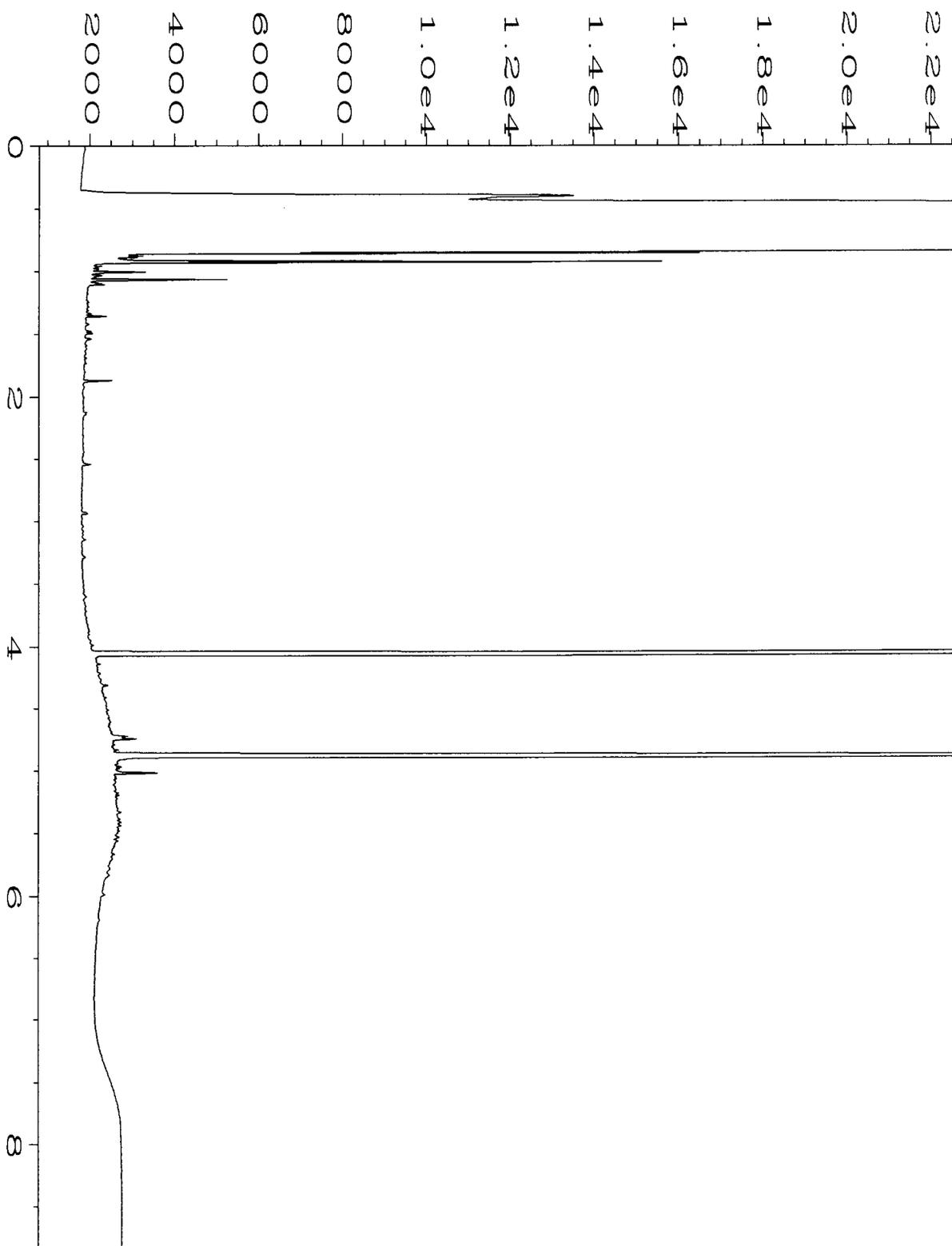
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



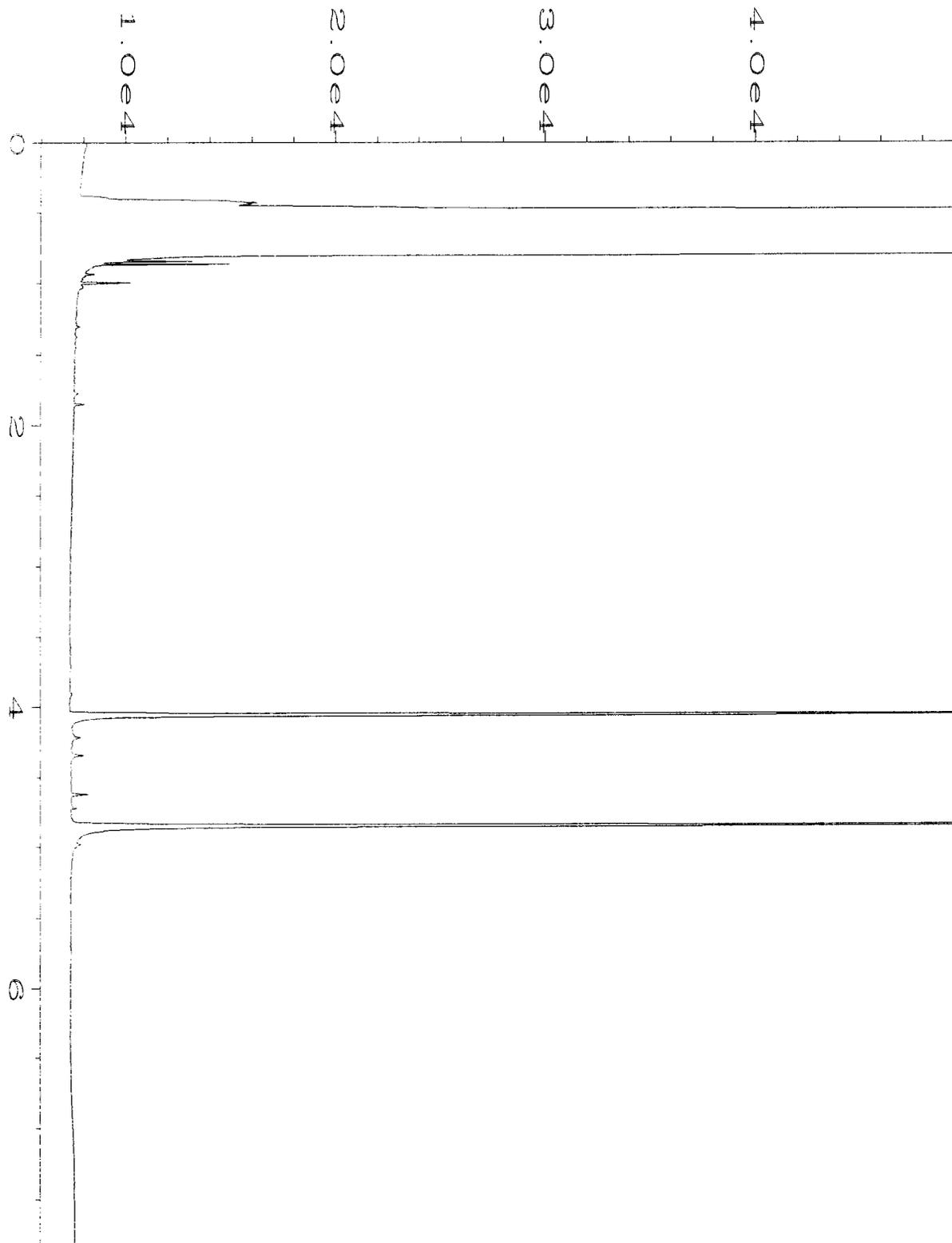
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Acquired on	: 07 Oct 14 07:12 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		



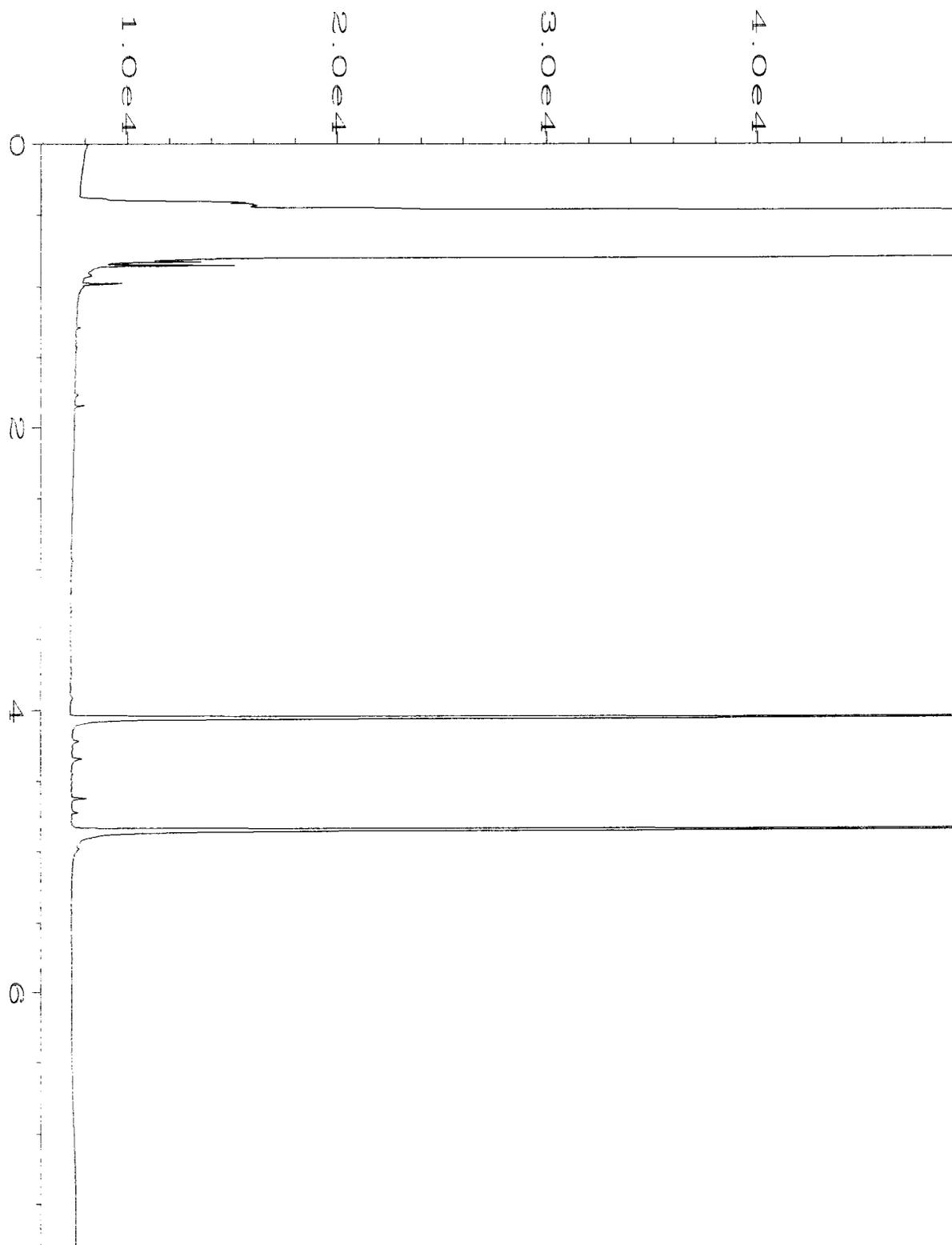
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Instrument	: GC1	Injection Number	: 1
Sample Name	: 409488-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Oct 14 05:17 PM	Analysis Method	: DX.MTH
Report Created on:	03 Oct 14 09:05 AM		



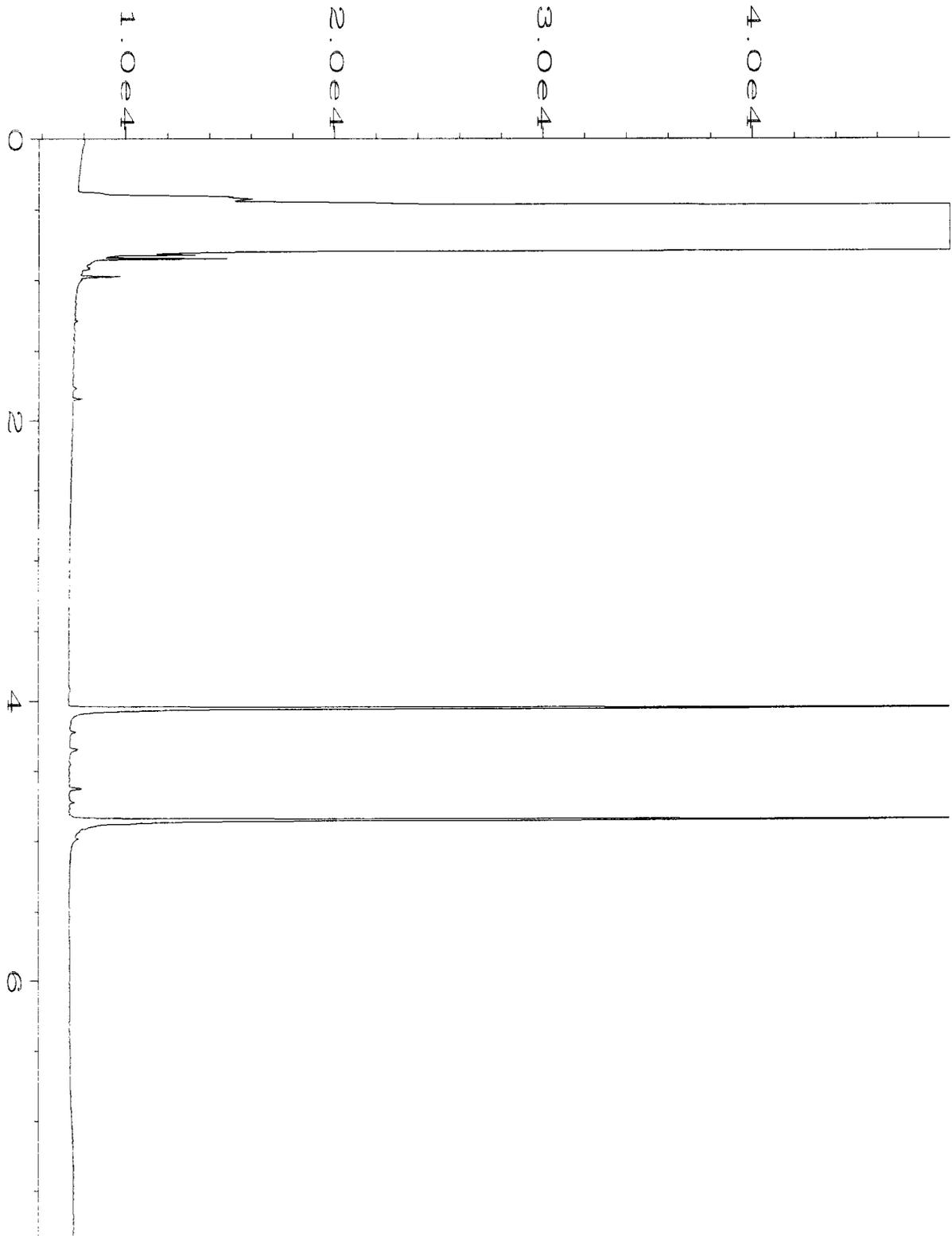
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 409488-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Sep 14 10:17 AM	Analysis Method	: DX.MTH
Report Created on:	26 Sep 14 12:28 PM		



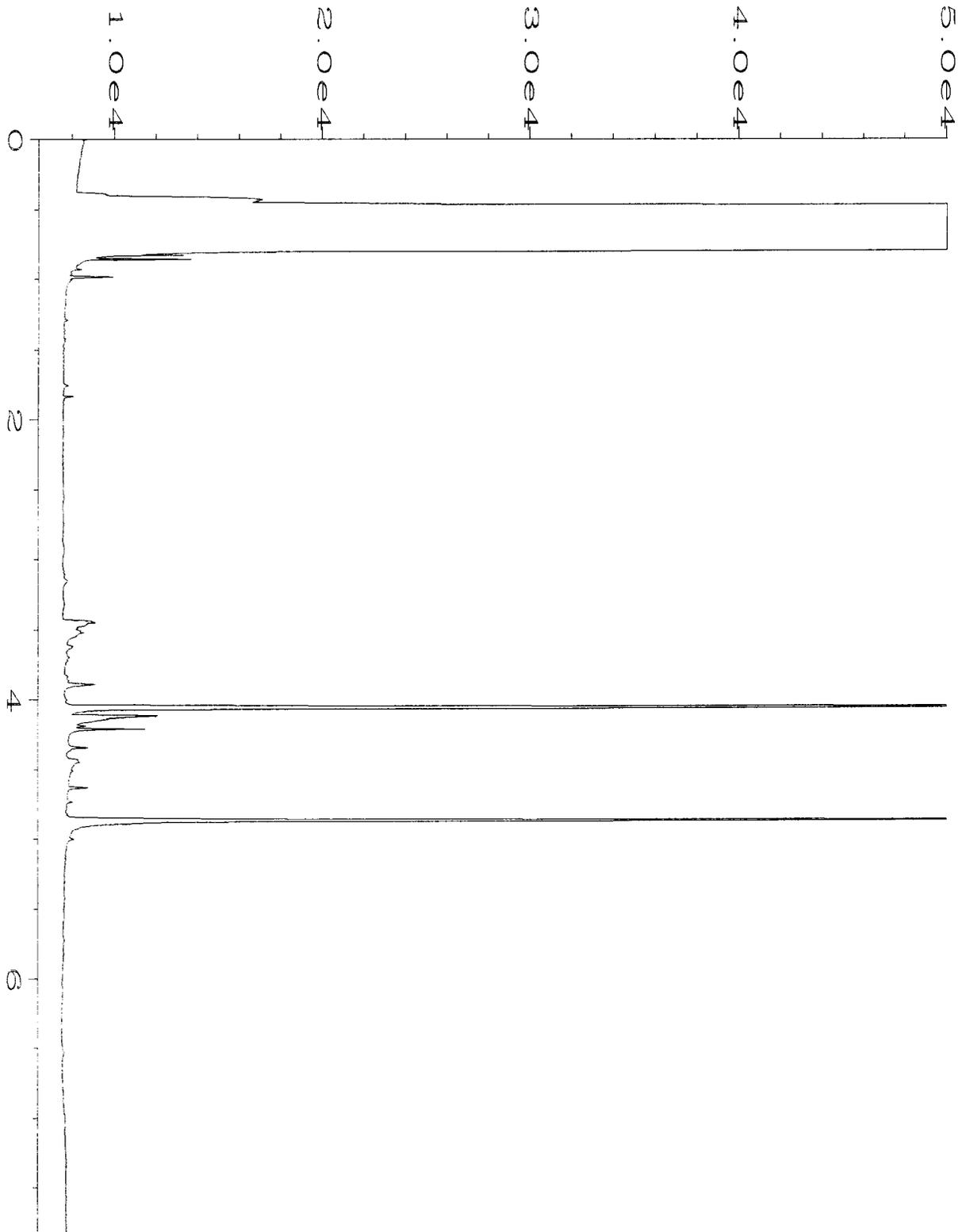
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Sample Name	: 409488-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Oct 14 05:29 PM	Analysis Method	: DX.MTH
Report Created on:	03 Oct 14 09:05 AM		



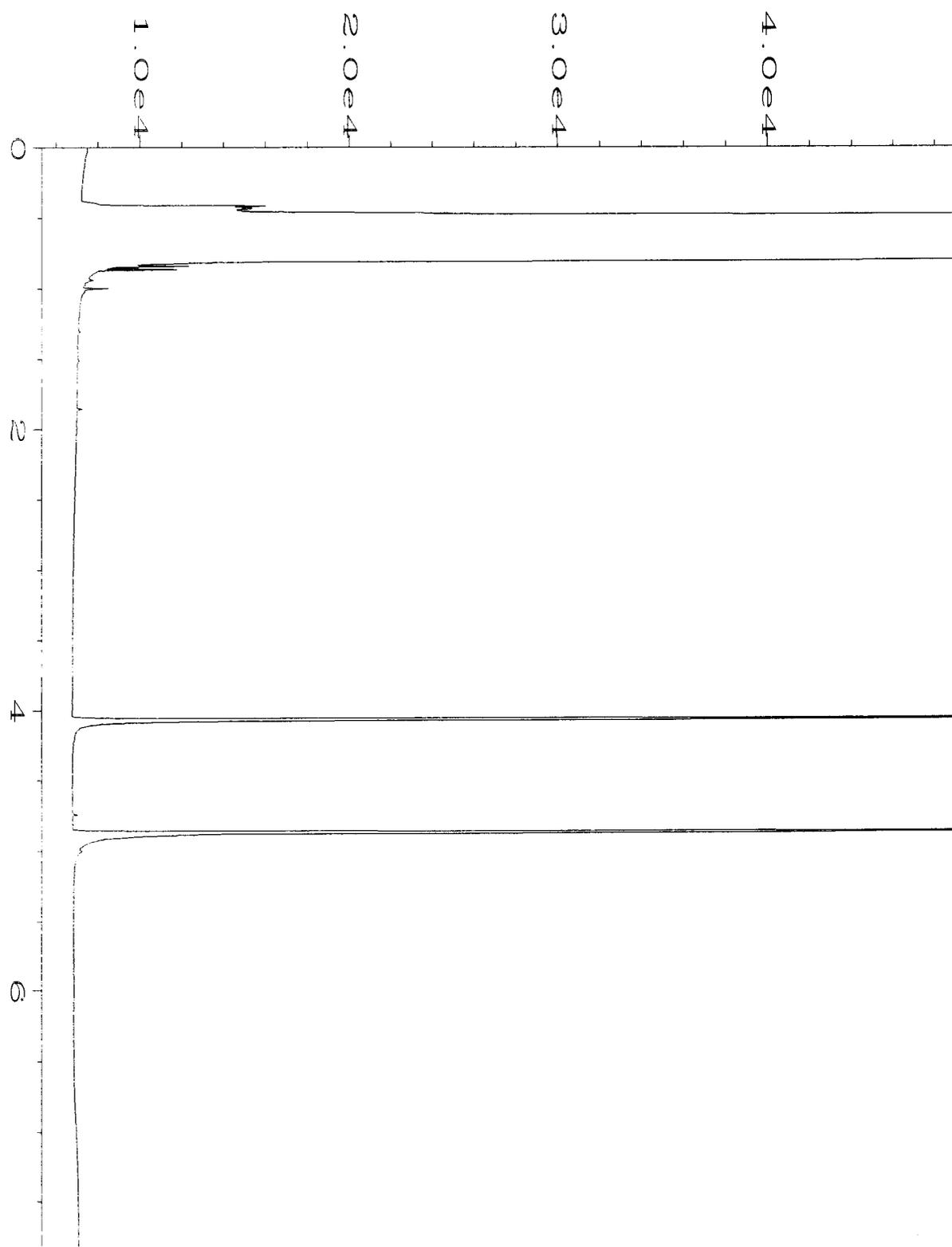
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Report Created on:	03 Oct 14 09:05 AM		



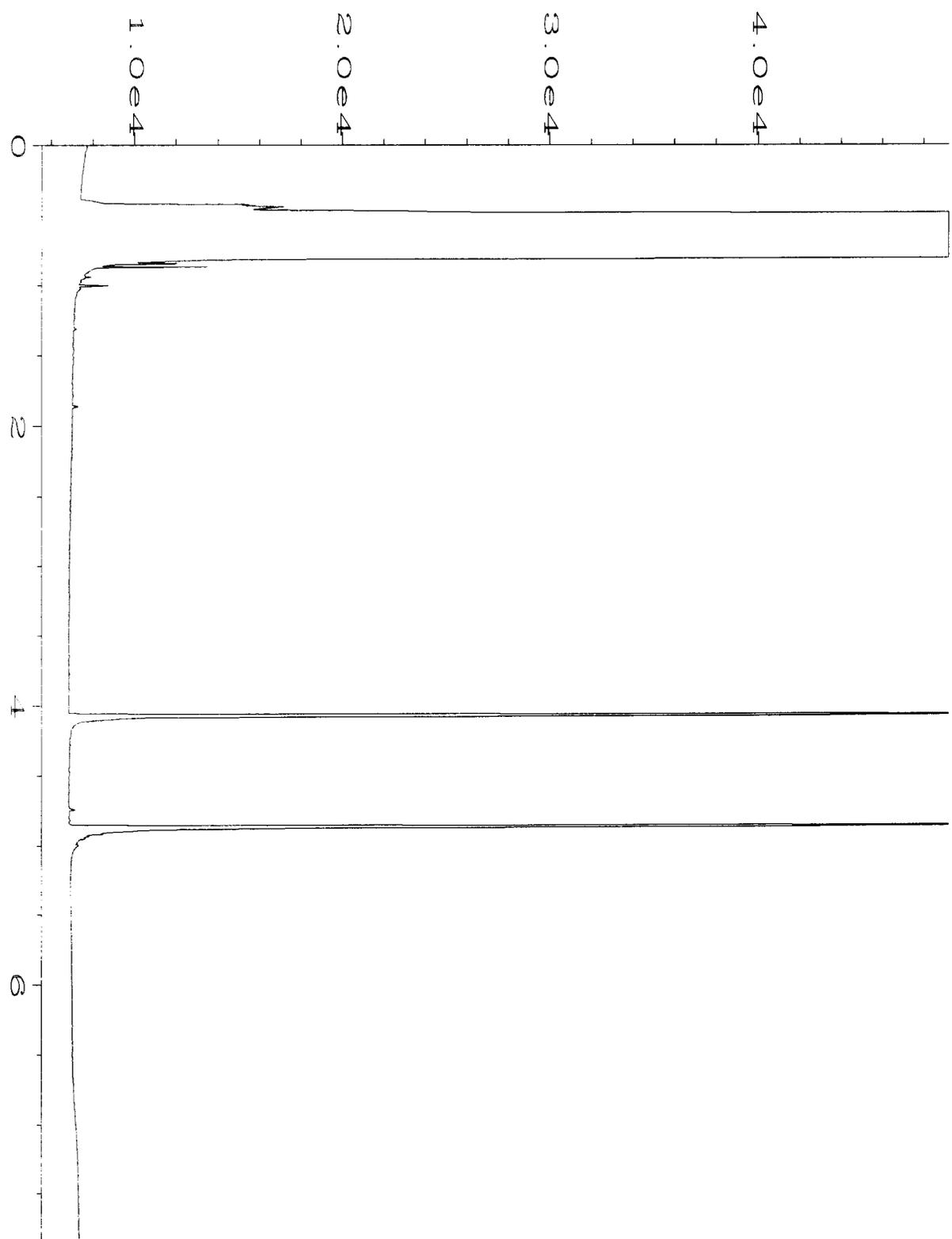
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Run Time Bar Code:		Instrument Method:	DX.MTH
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Report Created on:	03 Oct 14 09:05 AM		



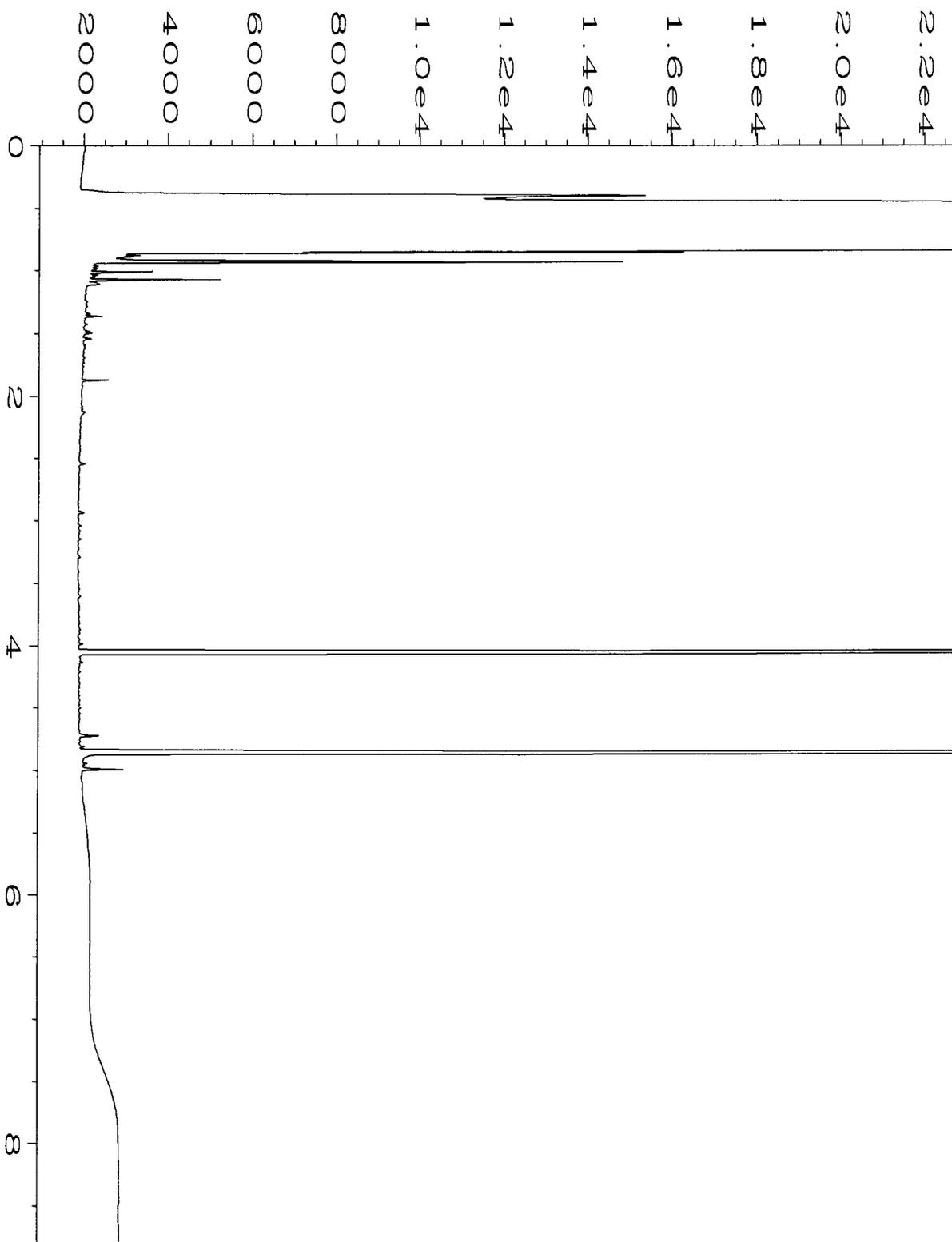
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Report Created on:	03 Oct 14 09:06 AM		



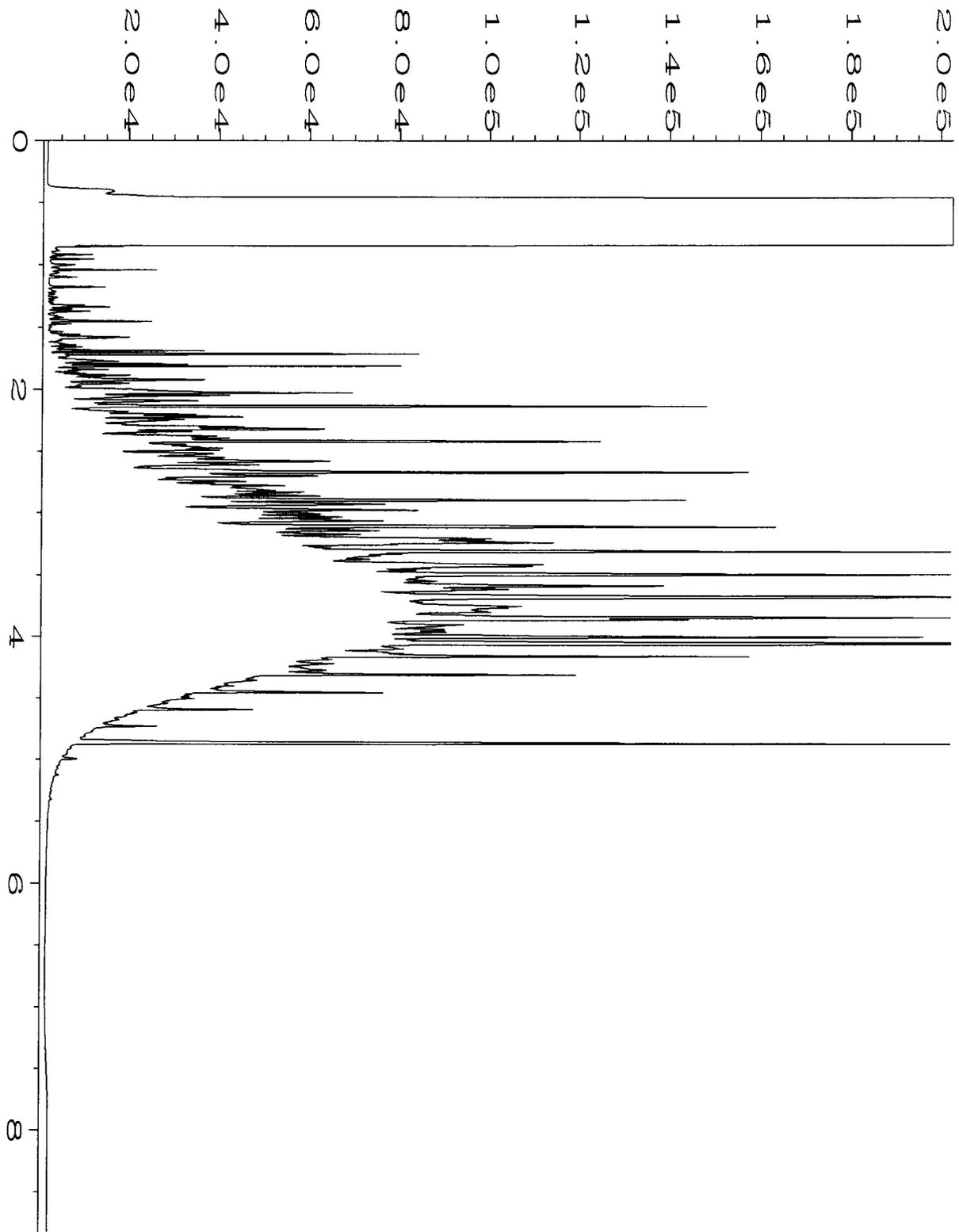
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Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 07:25 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		



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Operator	: mwdl	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2036 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 03:37 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:08 AM		



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Operator	: mwdl	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-1971 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Sep 14 09:08 AM	Analysis Method	: DX.MTH
Report Created on:	26 Sep 14 12:28 PM		



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Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
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SAMPLE CHAIN OF CUSTODY

NE 09-25-14

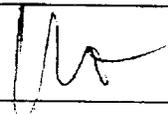
Page # 1 of 1 E03 / KS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

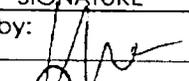
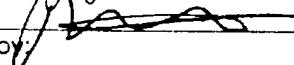
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
S1WSW-62	S1	62	01A-E	9/25/14	0745			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*	
U1WSW-62	U1	62	02T	9/25/14	0750			0	0	0	0	*	
V1WSW-64	V1	64	03	9/25/14	0907			x	x	x	x	*	<input checked="" type="checkbox"/> - per PK 10/7/14
AA1WSW-66	AA1	66	04	9/25/14	1000			0	0	0	0	*	
Z1WSW-65	Z1	65	05	9/25/14	1005			0	0	0	0	*	
Y1WSW-65	Y1	65	06	9/25/14	1010			0	0	0	0	*	
J11WSW-82	J11	82	07	9/25/14	1225			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	*	
JJ46SW-84	JJ4	84	08	9/25/14	1235							x	
JJ66SW-85	JJ6	85	09	9/25/14	1240							x	
JJ86SW-85	JJ8	85	10	9/25/14	1245							x	
JJ45SW-79	JJ4	79	11	9/25/14	1335							x	
JJ65SW-80	JJ6	80	12	9/25/14	1345							x	
9/25/14													

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: 	Courtney Porter	SoundEarth	9/25/14	1440
Received by: 	Matt Kingston	FRP Inc	9/25/14	1440
Relinquished by:				
Received by:				
Sample Incubated at <u>4</u> °C				

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on September 25, 2014 from the SOU_0731-004-05_20140925, F&BI 409489 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140925, F&BI 409489 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409489 -01	G31ESW-82
409489 -02	EE1WSW-77
409489 -03	DD1WSW-76

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Laboratory ID		
EE1WSW-77 409489-02	<2	98
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
EE1WSW-77 409489-02	<50	<250	97
Method Blank 04-2033 MB2	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE1WSW-77	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409489
Date Extracted:	10/07/14	Lab ID:	409489-02
Date Analyzed:	10/07/14	Data File:	100709.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140925, F&BI 409489
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

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

Laboratory Code: 410092-05 (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	102	116	64-133	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

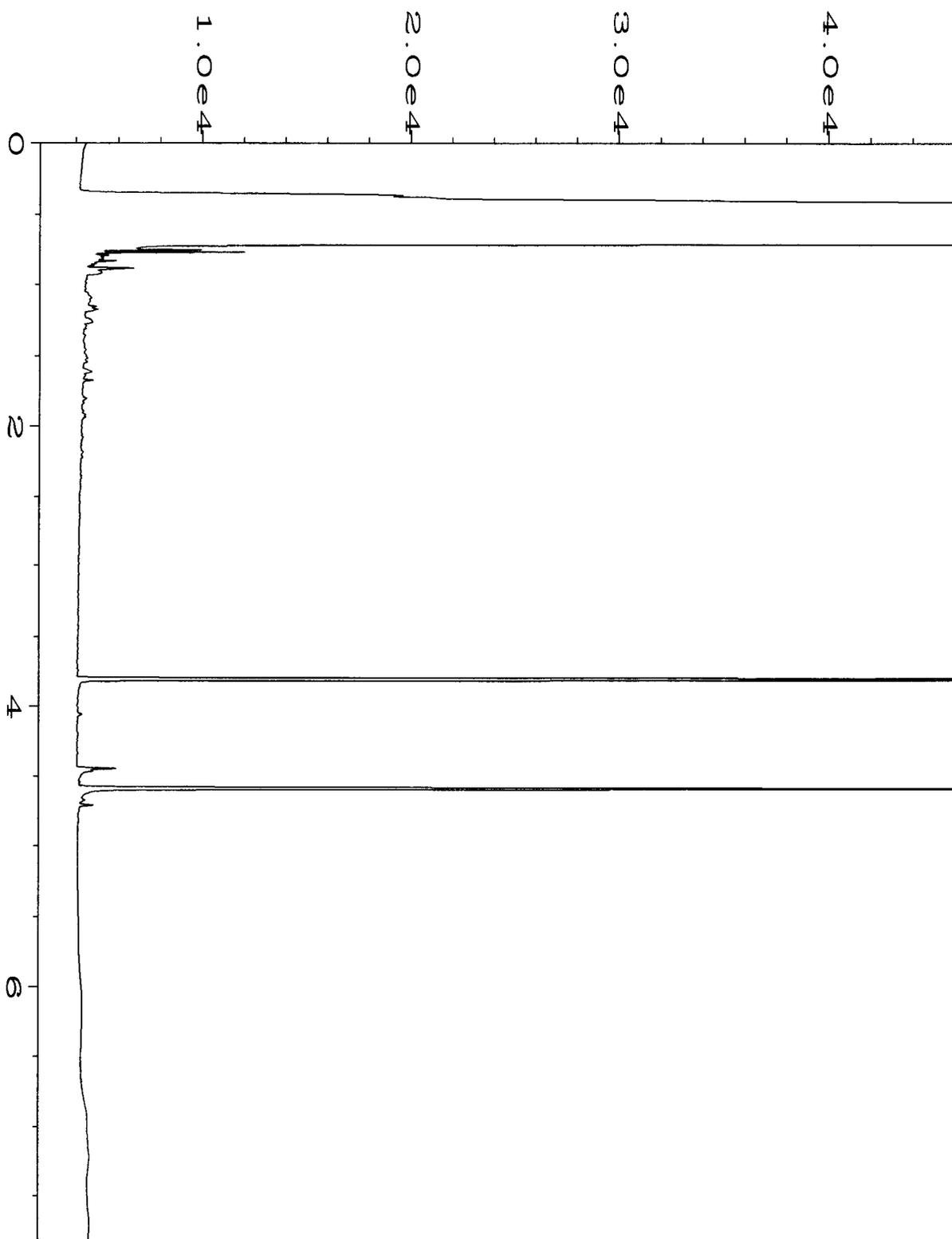
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

FRIEDMAN & BRUYA, INC.

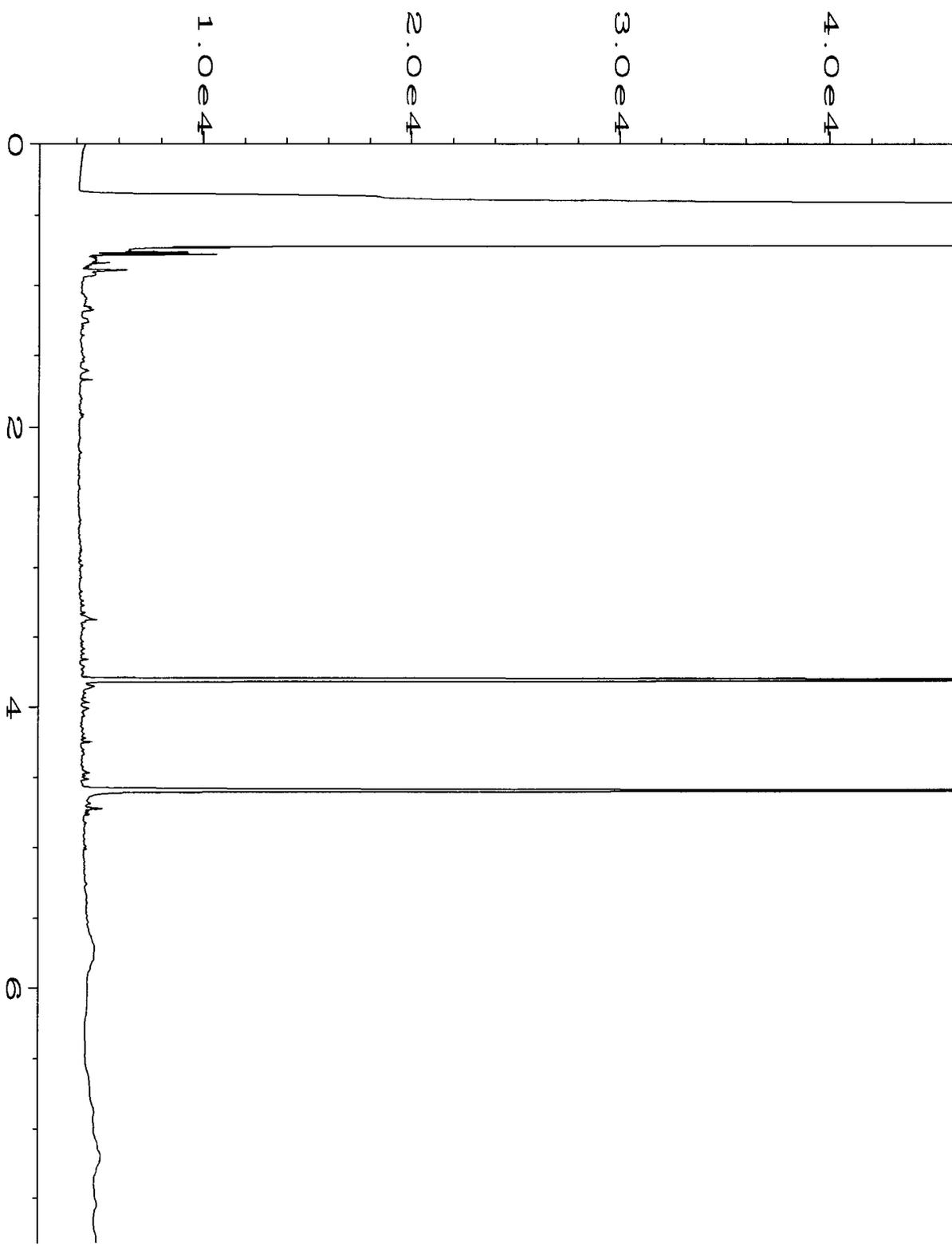
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

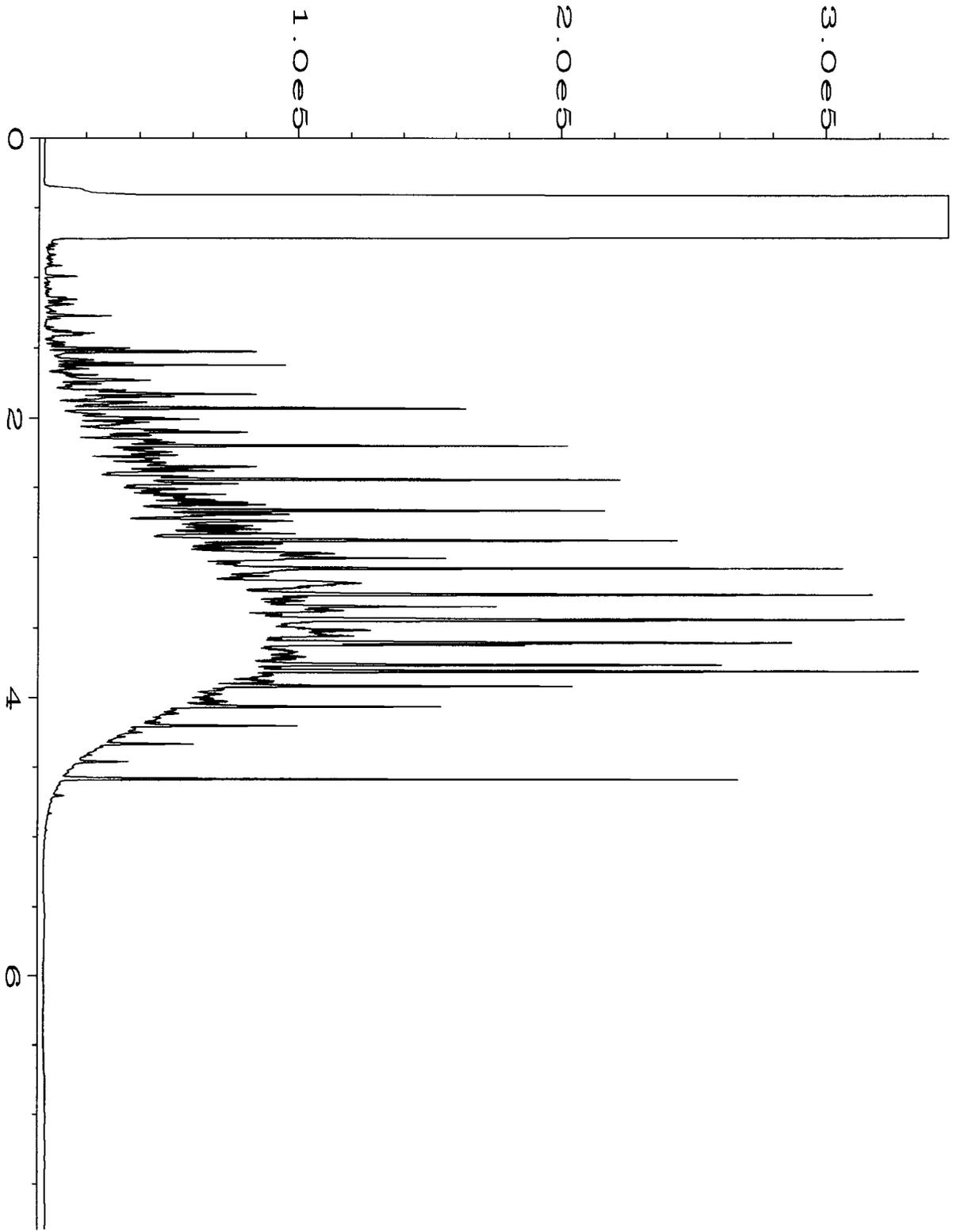
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



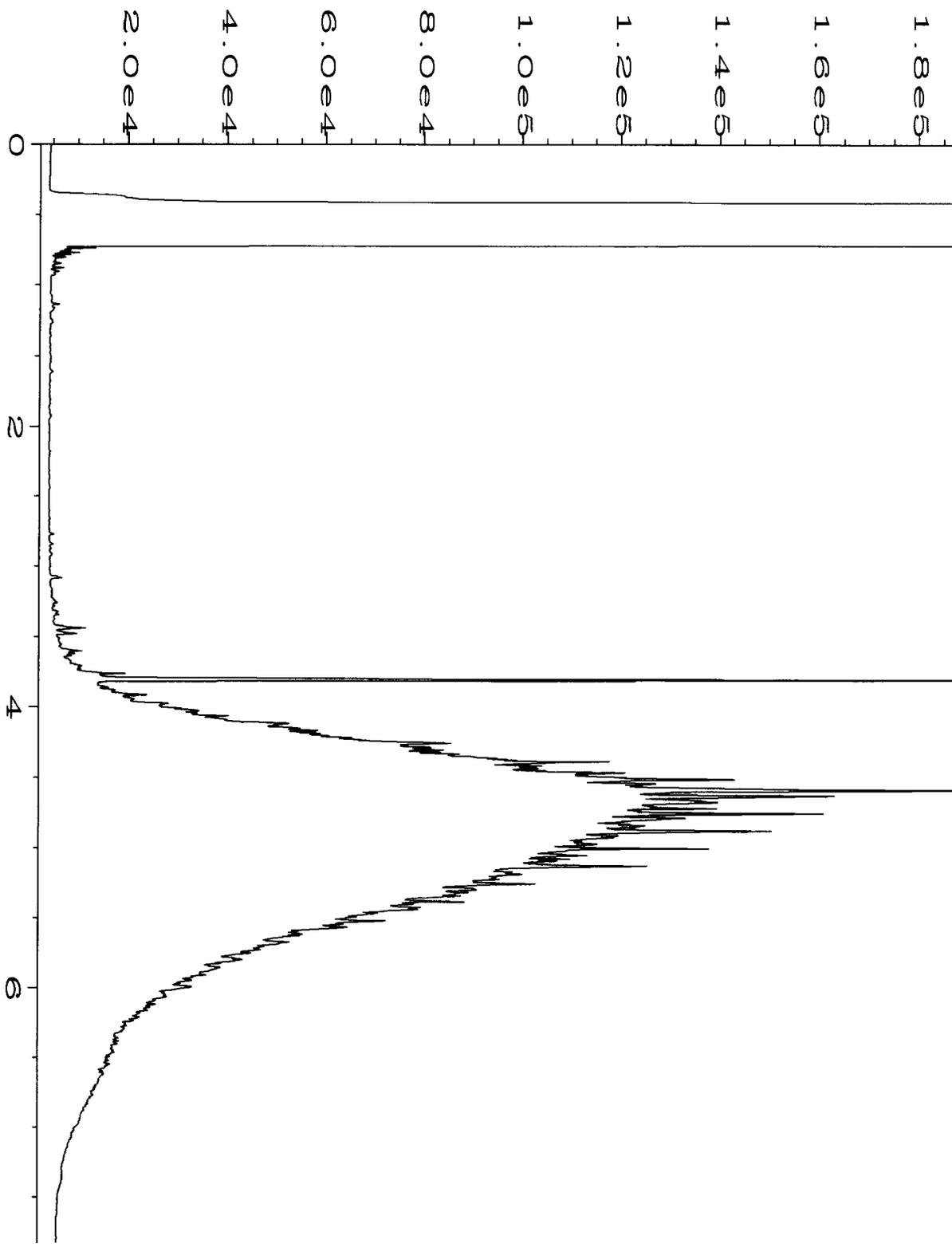
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Operator	: mwdl	Vial Number	: 25
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409489-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 06:00 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:40 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\019F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2033 mb2	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 04:46 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\005F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:19 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\004F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:06 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		

409489

SAMPLE CHAIN OF CUSTODY ME 09-25-14

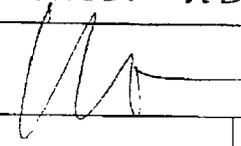
E02 / V01

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per V01 on 10/7/14	EIM Y

Page # 1 of 1

TURNAROUND TIME

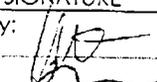
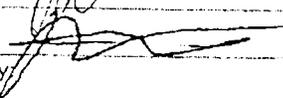
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Ox	cVOCs by EPA 8260C	Notes
GSIESW-82	G31	52	01A#	9/24/14	1045	SOIL	5					
EEIWSW-77	E31	77	02T	9/24/14	1105	SOIL	5	⊗	⊗	⊗	⊗	
DDIWSW-76	DDI	76	03T	9/24/14	1110	SOIL	5	⊗	⊗	⊗	⊗	
GR 9/29/14												

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: 	Courtney Porter	SoundEarth	9/25/14	1440
Received by: 	Matt Kingston	F012	9/23/14	1440
Relinquished by:				
Received by:				

Samples received at 4 °C

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

October 3, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 25, 2014 from the SOU_0731-004-05_20140925, F&BI 409489 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1003R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140925, F&BI 409489 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409489 -01	G31ESW-82
409489 -02	EE1WSW-77
409489 -03	DD1WSW-76

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

Date Extracted: 09/26/14

Date Analyzed: 09/26/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
DD1WSW-76 409489-03	<2	93
Method Blank 04-1945 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

Date Extracted: 09/26/14

Date Analyzed: 09/26/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
DD1WSW-76 409489-03	<50	<250	100
Method Blank 04-1969 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-76	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409489
Date Extracted:	09/26/14	Lab ID:	409489-03
Date Analyzed:	09/29/14	Data File:	092909.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140925, F&BI 409489
Date Extracted:	09/26/14	Lab ID:	04-1963 mb2
Date Analyzed:	09/29/14	Data File:	092905.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409456-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

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

Laboratory Code: 409489-03 (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	87	86	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	89	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409489

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409496-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	25	23	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	38	36	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	43	42	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	67	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	58	54	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	64	62	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	71	25-120	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	71	70	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	64	64	27-112	0
Benzene	mg/kg (ppm)	2.5	<0.03	67	65	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	69	67	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	75	74	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	72	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	79	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	83	83	38-112	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	85	85	38-113	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	65	42-107
Chloroethane	mg/kg (ppm)	2.5	78	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	65-110
Methylene chloride	mg/kg (ppm)	2.5	105	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	72-116
Benzene	mg/kg (ppm)	2.5	95	75-107
Trichloroethene	mg/kg (ppm)	2.5	98	72-107
Toluene	mg/kg (ppm)	2.5	102	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110
Ethylbenzene	mg/kg (ppm)	2.5	105	81-114
m,p-Xylene	mg/kg (ppm)	5	109	82-115
o-Xylene	mg/kg (ppm)	2.5	109	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

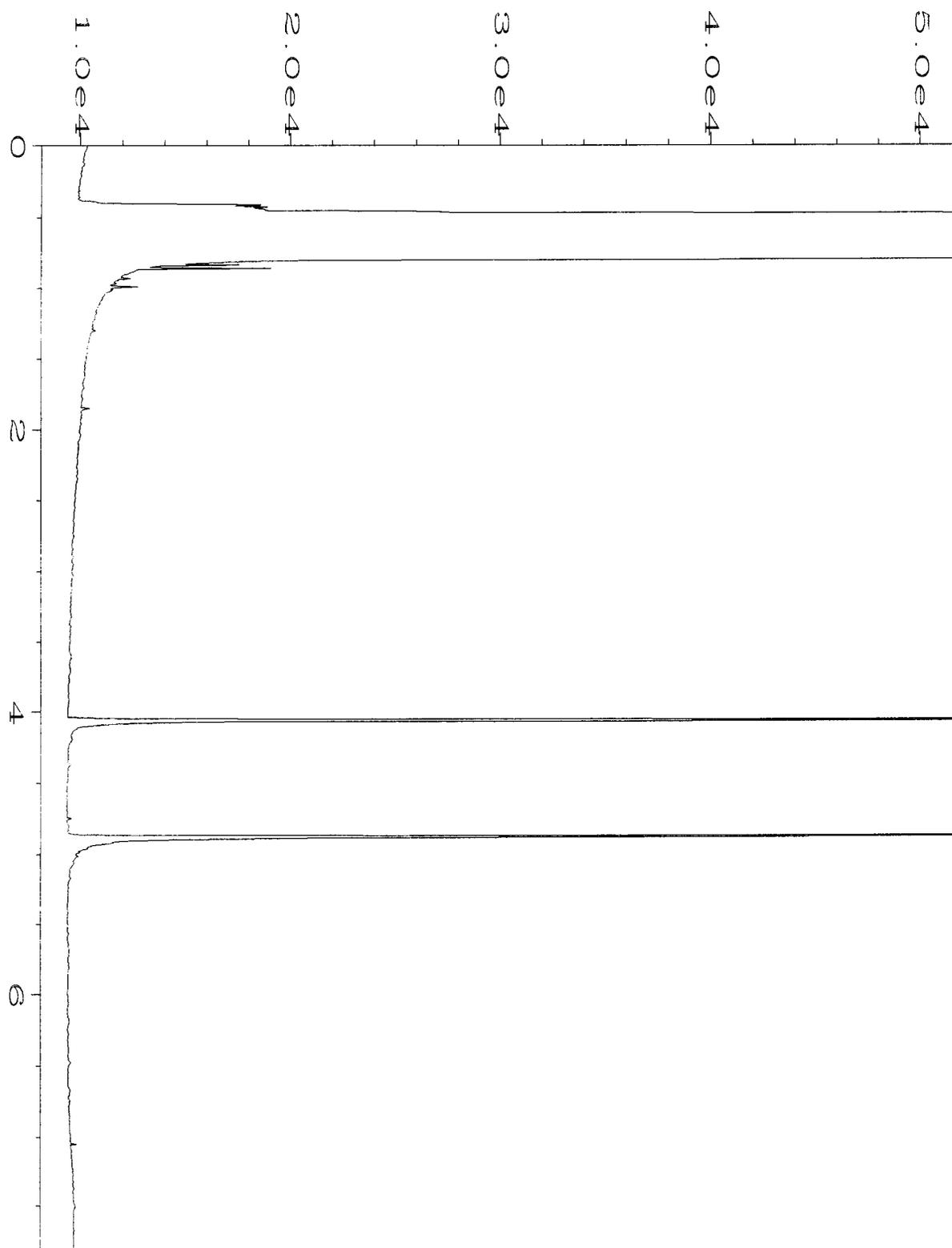
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

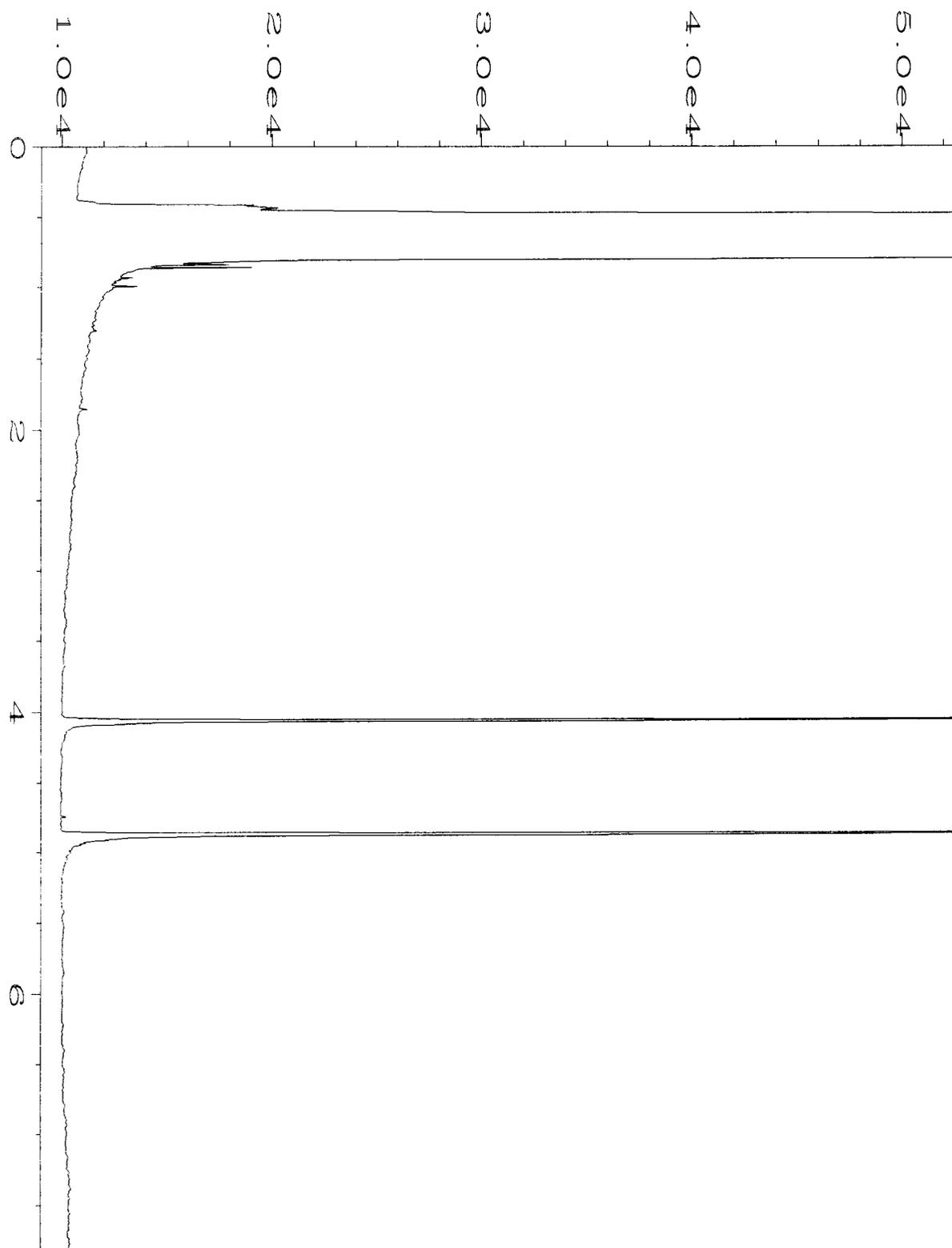
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

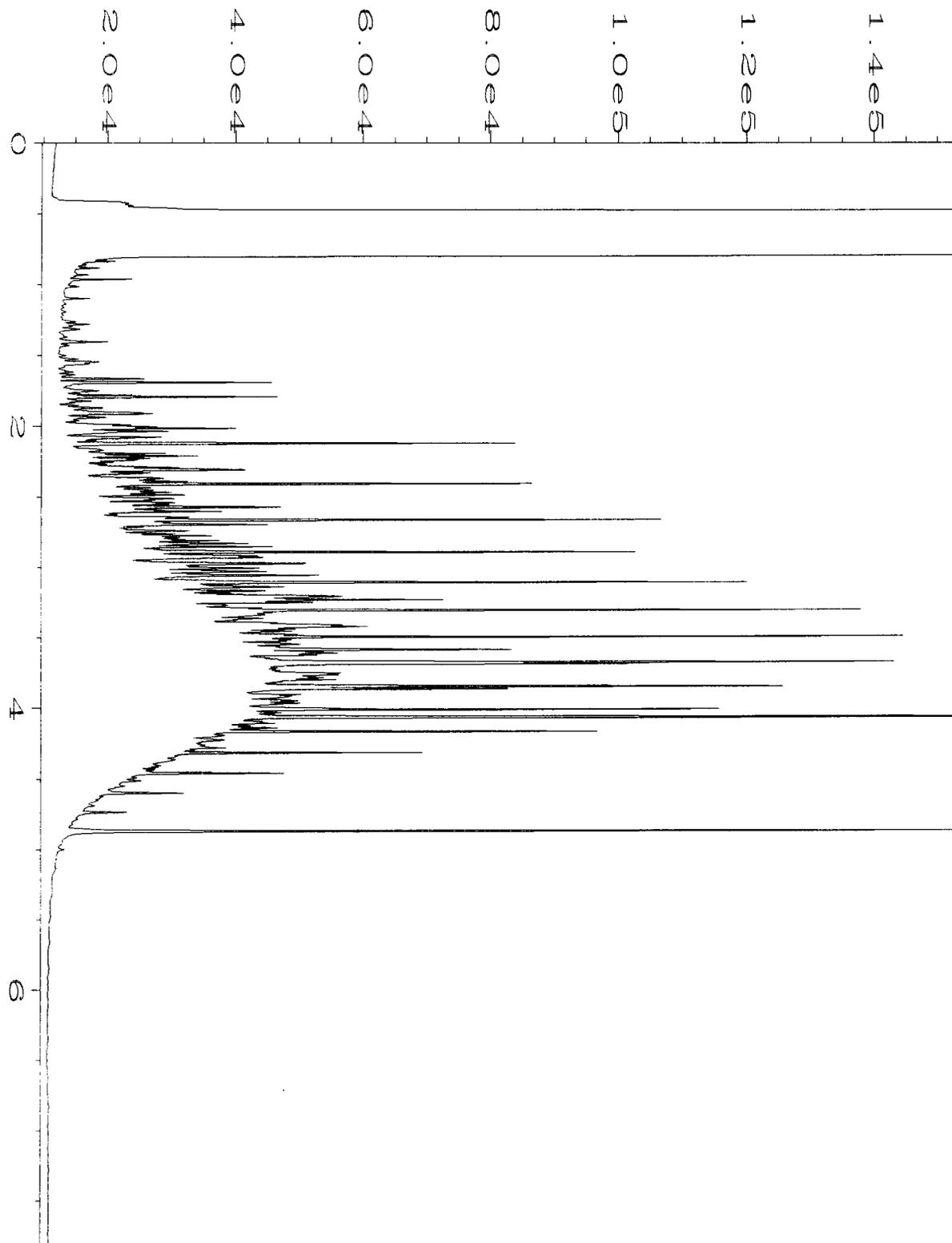
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\09-26-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409489-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Sep 14 09:54 AM	Analysis Method	: END.MTH
Report Created on:	26 Sep 14 12:34 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-26-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1969 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Sep 14 09:06 AM	Analysis Method	: END.MTH
Report Created on:	26 Sep 14 12:34 PM		



Data File Name	: C:\HPCHEM\1\DATA\09-26-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 26 Sep 14 08:52 AM	Analysis Method	: END.MTH
Report Created on:	26 Sep 14 12:34 PM		

409489

SAMPLE CHAIN OF CUSTODY ME 09-25-14

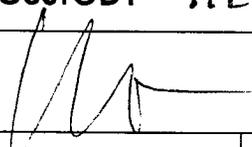
E02 / VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
GSIESW-82	GS1	82	01A	9/24/14	1045	soil	5					X	
EEIWSW-77	EE1	77	02T	9/24/14	1105	soil	5					X	
DDIWSW-76	DD1	76	03T	9/24/14	1110	soil	5	X	X	X	X		
OP 9/28/14													

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: 	Courtney Porter	SoundEarth	9/25/14	1440
Received by: 	Matt Kingston	FITZ	9/23/14	1440
Relinquished by:				
Received by:				

Samples received at 4 °C

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

September 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 25, 2014 from the SOU_0731-004-05_20140925, F&BI 409496 project. There are 19 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU0926R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 25, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140925, F&BI 409496 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409496 -01	M8-45
409496 -02	M8-40
409496 -03	N7-45
409496 -04	N7-40
409496 -05	X10-60
409496 -06	X10-55
409496 -07	X10-50
409496 -08	X10-45
409496 -09	Y8-60
409496 -10	Y8-55
409496 -11	Y8-50
409496 -12	V11-60
409496 -13	V11-55
409496 -14	V11-50
409496 -15	Duplicate 15

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M8-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-01
Date Analyzed:	09/26/14	Data File:	092610.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M8-40	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-02
Date Analyzed:	09/26/14	Data File:	092611.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N7-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-03
Date Analyzed:	09/26/14	Data File:	092612.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.076

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N7-40	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-04
Date Analyzed:	09/26/14	Data File:	092613.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X10-60	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-05
Date Analyzed:	09/26/14	Data File:	092614.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.18

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X10-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-06
Date Analyzed:	09/26/14	Data File:	092615.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X10-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-07
Date Analyzed:	09/26/14	Data File:	092616.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X10-45	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-08
Date Analyzed:	09/26/14	Data File:	092617.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.043

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y8-60	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-09
Date Analyzed:	09/26/14	Data File:	092613.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.042

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y8-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-10
Date Analyzed:	09/26/14	Data File:	092614.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.056

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y8-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-11
Date Analyzed:	09/26/14	Data File:	092615.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	104	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V11-60	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-12
Date Analyzed:	09/26/14	Data File:	092616.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V11-55	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-13
Date Analyzed:	09/26/14	Data File:	092617.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.026

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V11-50	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-14
Date Analyzed:	09/26/14	Data File:	092618.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 15	Client:	SoundEarth Strategies
Date Received:	09/25/14	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	409496-15
Date Analyzed:	09/26/14	Data File:	092618.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140925, F&BI 409496
Date Extracted:	09/25/14	Lab ID:	04-1963 mb
Date Analyzed:	09/26/14	Data File:	092611.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/14

Date Received: 09/25/14

Project: SOU_0731-004-05_20140925, F&BI 409496

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409496-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	25	23	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	38	36	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	43	42	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	67	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	58	54	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	64	62	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	71	25-120	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	71	70	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	64	64	27-112	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	69	67	30-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	72	27-110	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	65	42-107
Chloroethane	mg/kg (ppm)	2.5	78	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	65-110
Methylene chloride	mg/kg (ppm)	2.5	105	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	72-116
Trichloroethene	mg/kg (ppm)	2.5	98	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

409496

SAMPLE CHAIN OF CUSTODY

ME 09/25/14

Page # 1 of 2 US4

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

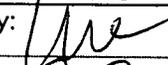
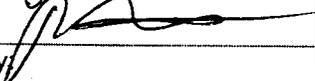
SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) XRUSH <u>27 hrs.</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
M8-45	M8	45	01 ⁵	9/25/14	1445	Soil	4				X	
M8-40	M8	40	02		1445						X	
N07-45	O7	45	03		1455						X	
N07-40	O7	40	04		1500						X	
X10-60	X10	60	05		1505						X	
X10-55	X10	55	06		1510						X	
X10-50	X10	50	07		1515						X	
X10-45	X10	45	08		1520						X	
Y8-60	Y8	60	09		1525						X	
Y8-55	Y8	55	10		1530						X	
Y8-50	Y8	50	11		1535						X	
V11-60	V11	60	12		1540						X	
V11-55	V11	55	13		1545						X	

per CP
9/25/14
MA.

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: 	Courtney Porter	SoundEarth	9/25/14	1605
Received by: 	Matt Kingston	FBI	9/25/14	1605
Relinquished by:				
Received by:				

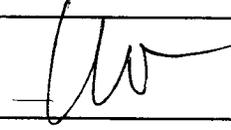
Samples received at 5 °C

409496

SAMPLE CHAIN OF CUSTODY

MG 09/25/14

VS4

SAMPLERS (signature) 

PROJECT NAME/NO. Troy Laundry Property

PO # 0731-004-05

REMARKS

EIM Y

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 21 hrs

Rush charges authorized by: P. Kingston

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

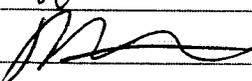
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
VII-56	VII	50	14 ⁸	9/25/14	1550	Soil	4				X	
Duplicate 15	—	—	15 ^V		1450	Soil	4				X	
CP 9/25/14												

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: 	Courtney Porter	SoundEarth	9/25/14	1605
Received by: 	Matt Lamston	FB Inc	9/25/14	1605
Relinquished by:				
Received by:				

Samples received at 5 IC

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

September 29, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 26, 2014 from the SOU_0731-004-05_20140926, F&BI 409520 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in blue ink on a white background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU0929R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140926, F&BI 409520 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409520 -01	Y6-60
409520 -02	Y6-55
409520 -03	Y6-50
409520 -04	Y3-60
409520 -05	Y3-55
409520 -06	Y3-50
409520 -07	Y3-45
409520 -08	AA1-60
409520 -09	AA1-55
409520 -10	AA1-50
409520 -11	AA1-45
409520 -12	Duplicate16'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y6-60	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-01
Date Analyzed:	09/26/14	Data File:	092626.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y6-55	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-02
Date Analyzed:	09/26/14	Data File:	092627.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y6-50	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-03
Date Analyzed:	09/26/14	Data File:	092628.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-60	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-04
Date Analyzed:	09/26/14	Data File:	092629.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-55	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-05
Date Analyzed:	09/26/14	Data File:	092630.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-50	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-06
Date Analyzed:	09/26/14	Data File:	092631.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-45	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-07
Date Analyzed:	09/26/14	Data File:	092632.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-60	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-08
Date Analyzed:	09/26/14	Data File:	092633.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-55	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-09
Date Analyzed:	09/26/14	Data File:	092634.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-50	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-10
Date Analyzed:	09/26/14	Data File:	092635.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.067

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-45	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-11
Date Analyzed:	09/26/14	Data File:	092636.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.046

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate16'	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	409520-12
Date Analyzed:	09/27/14	Data File:	092637.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140926, F&BI 409520
Date Extracted:	09/26/14	Lab ID:	04-1965 mb
Date Analyzed:	09/26/14	Data File:	092625.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/29/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409520

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409520-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	44	46	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	69	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	68	10-160	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	65	70	10-156	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	75	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	81	19-140	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	85	25-135	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	93	12-160	7
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	87	10-156	6
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	86	21-139	6
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	86	89	20-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	22-139
Chloroethane	mg/kg (ppm)	2.5	82	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	88	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	98	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	109	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	110	62-131
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	110	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

409520

SAMPLE CHAIN OF CUSTODY

ME 09/26/14

Page # 1 of 1 VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) *RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
Y6-60	Y6	60'	01 ⁵	9/26/14	1236	SOIL	4				X		
Y6-55	Y6	55'	02	9/26/14	1240	SOIL	4				X		
Y6-50	Y6	50'	03	9/26/14	1244	SOIL	4				X		
Y3-60	Y3	60'	04	↓	1249	SOIL	4				X		
Y3-55	Y3	55'	05		1253	SOIL	4				X		
Y3-50	Y3	50'	06		1259	SOIL	4				X		
Y3-45	Y3	45'	07		1305	SOIL	4				X		
AA1-60	AA1	60'	08		1323	SOIL	4				X		
AA1-55	AA1	55'	09		1328	SOIL	4				X		
AA1-50	AA1	50'	10		1334	SOIL	4				X		
AA1-45	AA1	45'	11		1340	SOIL	4				X		
DUPLICATE 16	—	—	12		—	—	SOIL	4				X	

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:	JONATHAN LOEFFLER	SOUNDEARTH	9/26/14	1435
Received by:	Pete Kingston	FISHER	9/26/14	1435
Relinquished by:				
Received by:				

Samples received at 5 °C

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 26, 2014 from the SOU_0731-004-05_20140926, F&BI 409521 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140926, F&BI 409521 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
409521 -01

SoundEarth Strategies
G31ESW-77

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409521

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
G31ESW-77 409521-01	<2	89
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409521

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
G31ESW-77 409521-01	<50	<250	100
Method Blank 04-2033 MB2	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	G31ESW-77	Client:	SoundEarth Strategies
Date Received:	09/26/14	Project:	SOU_0731-004-05_20140926, F&BI 409521
Date Extracted:	10/07/14	Lab ID:	409521-01
Date Analyzed:	10/07/14	Data File:	100710.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140926, F&BI 409521
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409521

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409521

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

Laboratory Code: 410092-05 (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	102	116	64-133	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 09/26/14

Project: SOU_0731-004-05_20140926, F&BI 409521

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

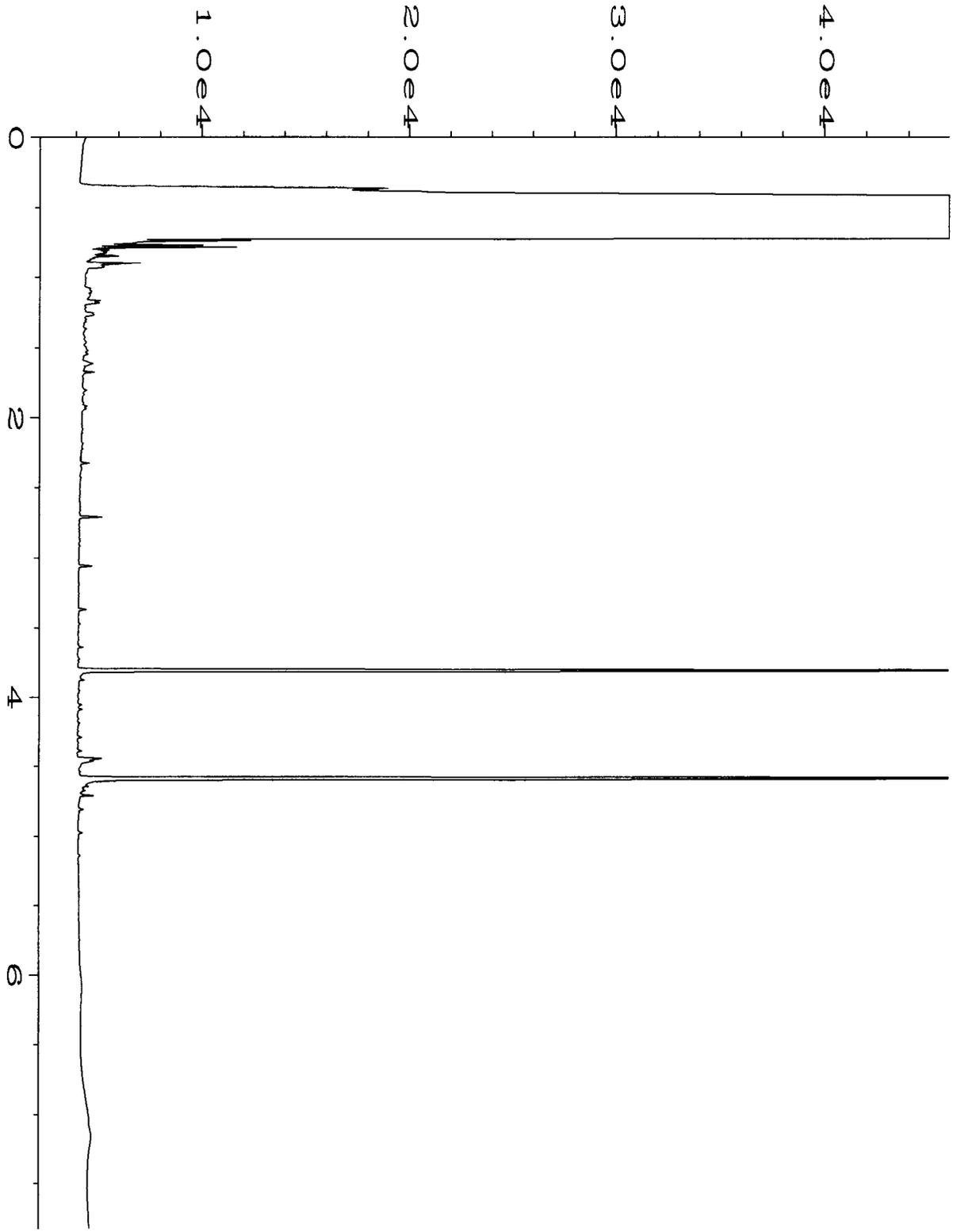
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

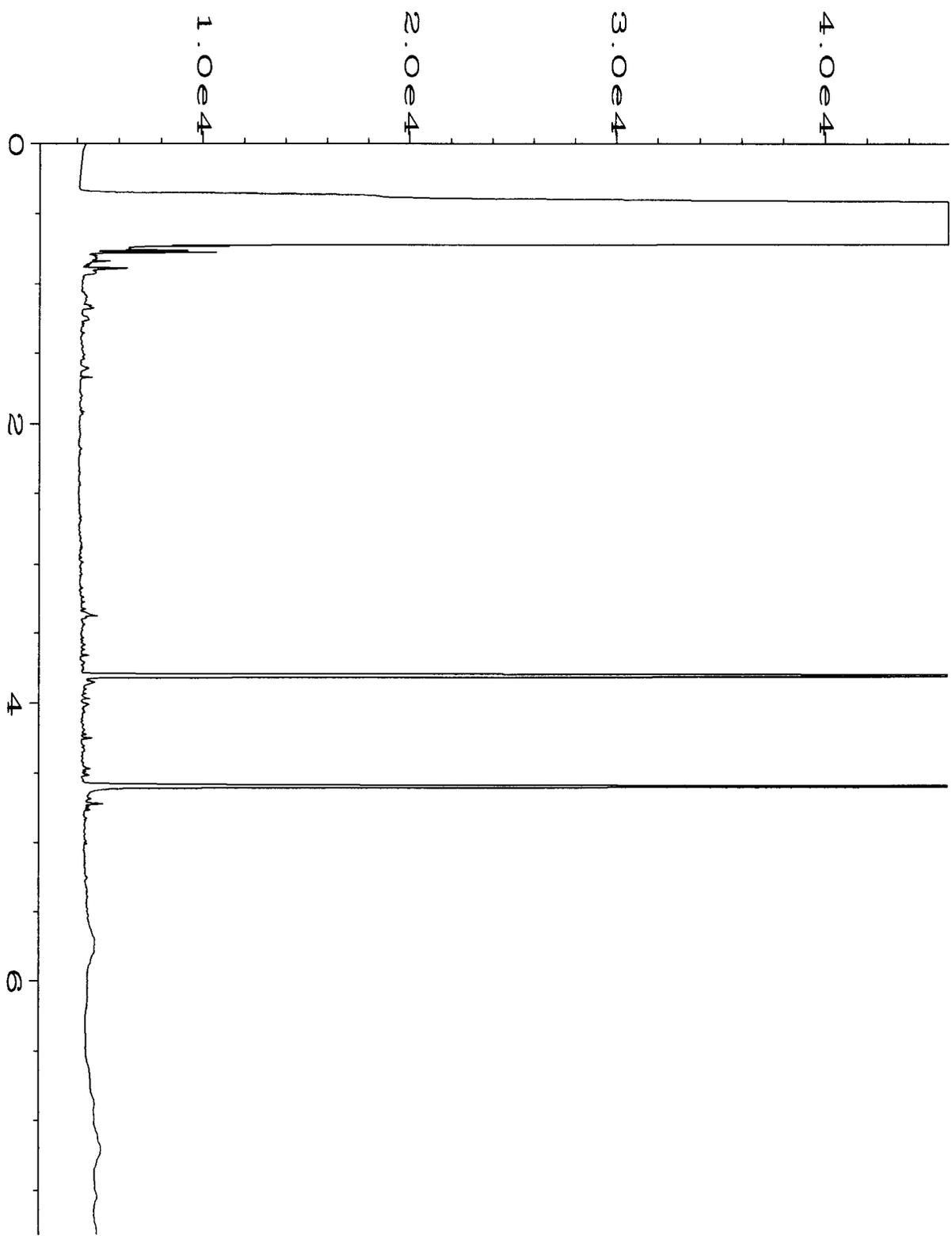
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

Data Qualifiers & Definitions

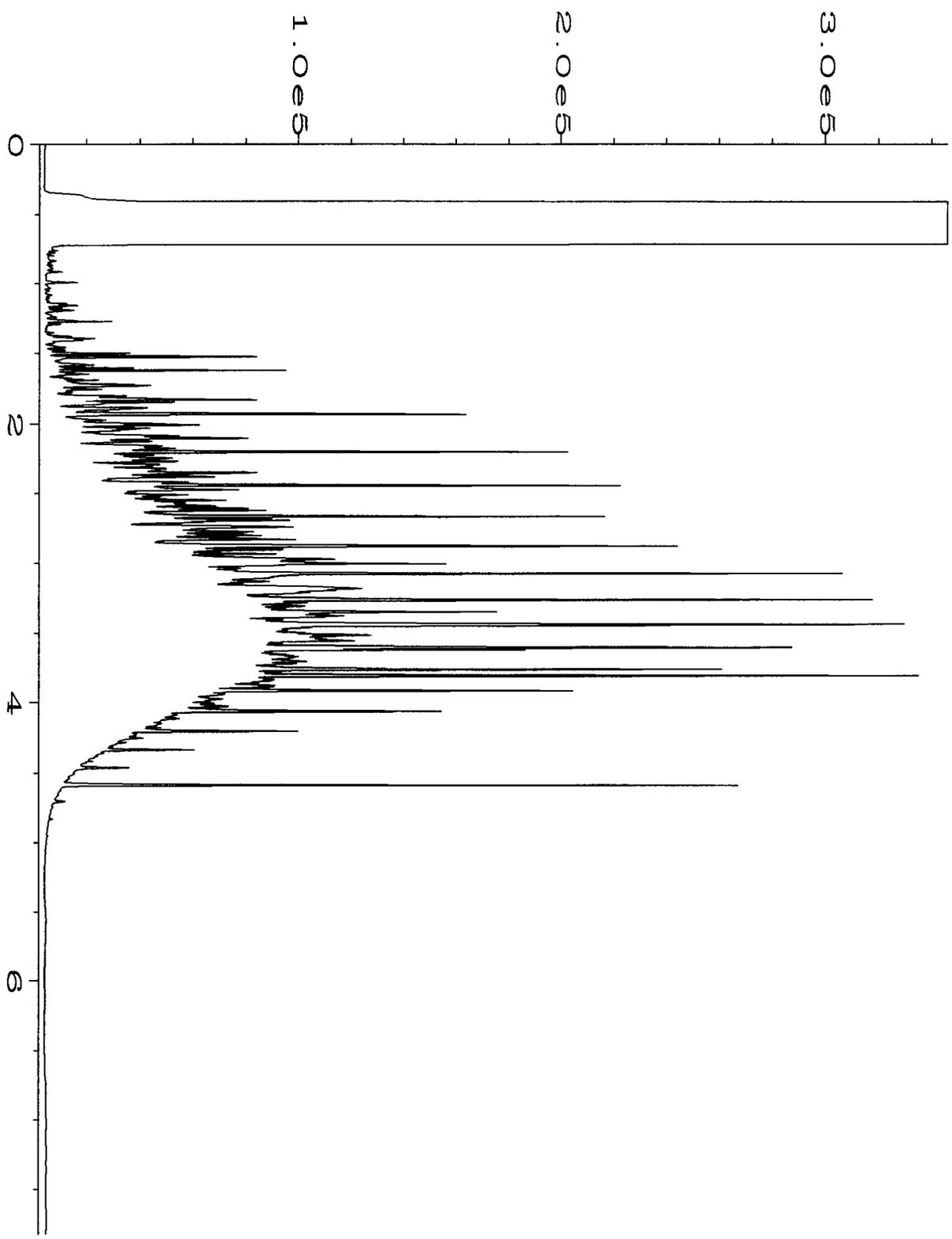
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



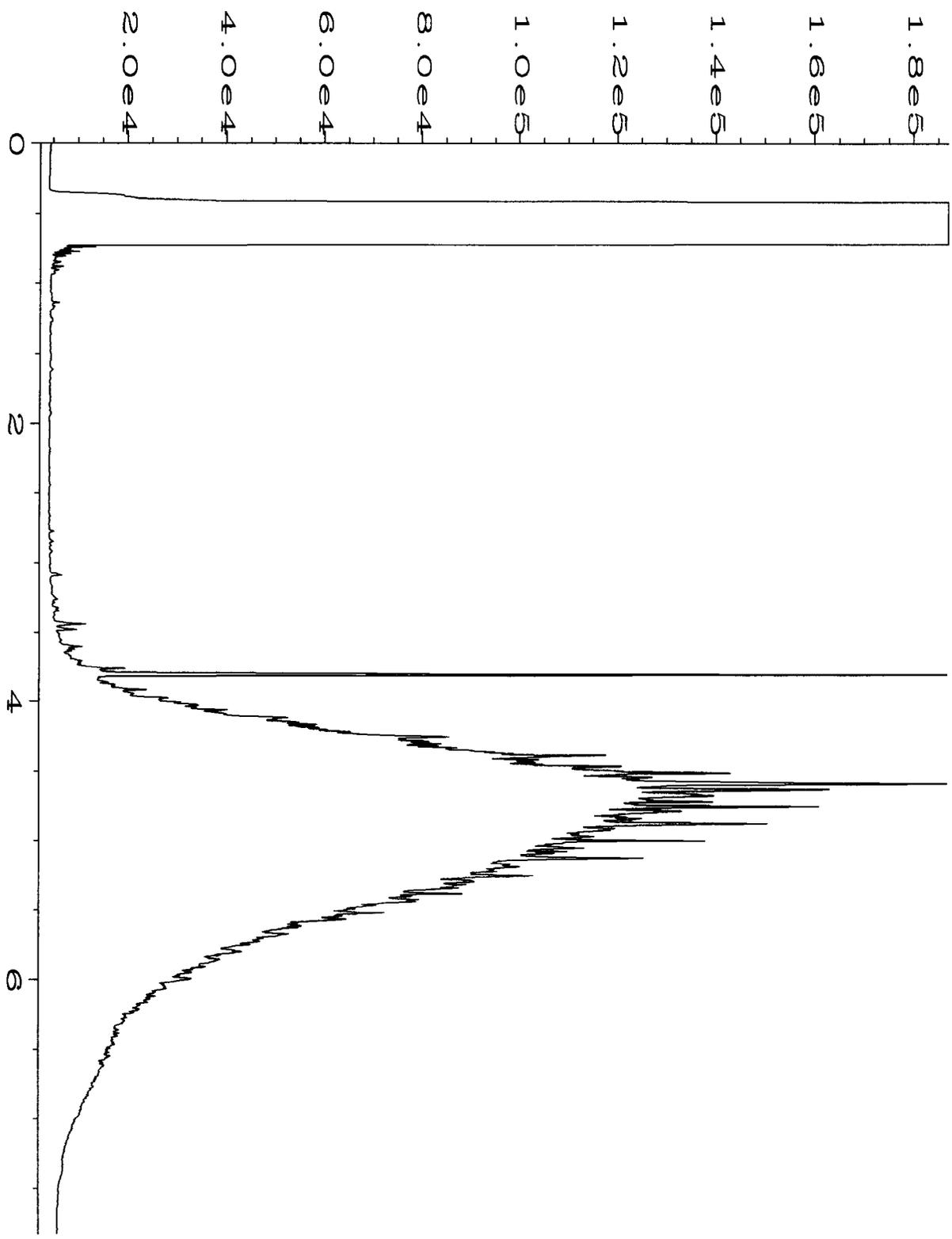
Data File Name	: C:\HPCHEM\6\DATA\10-07-14\026F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 26
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 409521-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 06:13 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:40 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\019F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2033 mb2	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 04:46 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\005F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:19 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\004F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:06 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		

409524

SAMPLE CHAIN OF CUSTODY NE 09-26-14

EQ3 / 10/1

Send Report To: Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company: SoundEarth Strategies

Address: 2811 Fallview Ave E, Suite 2000

City, State, ZIP: Seattle, WA 98102

SAMPLES (signature) <i>Jonathan Loeffler</i>	PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS D = Run per risk on D/1/14	EIM Y	

Page # 1 of 1

TURNAROUND TIME
 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
G31ESW-77	G31	77'	OLK-5	9/26/14	1045	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	HOLD
<i>9/26/14</i>												
<i>[Signature]</i>												

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
<i>[Signature]</i>		JONATHAN LOEFFLER		SOUNDEARTH		9/26/14	1435
Received by:		<i>[Signature]</i>		FBR		9/26/14	1425
Relinquished by:		Received by:		Samples received at:			

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

October 1, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 30, 2014 from the SOU_0731-004-05_20140930, F&BI 409567 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1001R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 30, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140930, F&BI 409567 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409567 -01	M7-50
409567 -02	M7-45
409567 -03	M7-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M7-50	Client:	SoundEarth Strategies
Date Received:	09/30/14	Project:	SOU_0731-004-05_20140930, F&BI 409567
Date Extracted:	09/30/14	Lab ID:	409567-01
Date Analyzed:	09/30/14	Data File:	093013.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M7-45	Client:	SoundEarth Strategies
Date Received:	09/30/14	Project:	SOU_0731-004-05_20140930, F&BI 409567
Date Extracted:	09/30/14	Lab ID:	409567-02
Date Analyzed:	09/30/14	Data File:	093014.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M7-40	Client:	SoundEarth Strategies
Date Received:	09/30/14	Project:	SOU_0731-004-05_20140930, F&BI 409567
Date Extracted:	09/30/14	Lab ID:	409567-03
Date Analyzed:	09/30/14	Data File:	093015.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140930, F&BI 409567
Date Extracted:	09/30/14	Lab ID:	04-1968 mb
Date Analyzed:	09/30/14	Data File:	093008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/01/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409567

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409529-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	44	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	75	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	60	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	67	71	10-156	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	69	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	73	76	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	81	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	85	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	79	10-156	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	69	72	21-139	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	58	60	20-133	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	65	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	105	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	62-131
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	107	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

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

October 3, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on September 30, 2014 from the SOU_0731-004-05_20140930, F&BI 409568 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1003R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 30, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20140930, F&BI 409568 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
409568 -01	II1WSW-77
409568 -02	JJ1SWSW-77
409568 -03	JJ2SSW-78

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409568

Date Extracted: 10/01/14

Date Analyzed: 10/01/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
JJ1SWSW-77 409568-02	<2	89
Method Blank 04-1953 MB	<2	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409568

Date Extracted: 10/01/14

Date Analyzed: 10/01/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ1SWSW-77 409568-02	<50	<250	103
Method Blank 04-1994 MB	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1SWSW-77	Client:	SoundEarth Strategies
Date Received:	09/30/14	Project:	SOU_0731-004-05_20140930, F&BI 409568
Date Extracted:	10/01/14	Lab ID:	409568-02
Date Analyzed:	10/01/14	Data File:	100106.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20140930, F&BI 409568
Date Extracted:	10/01/14	Lab ID:	04-1968 mb2
Date Analyzed:	10/01/14	Data File:	100105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409568

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 409564-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409568

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

Laboratory Code: 410005-01 (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	1,900	80 b	99 b	63-146	21 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	85	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 09/30/14

Project: SOU_0731-004-05_20140930, F&BI 409568

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 409529-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	44	10-138	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	75	10-176	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	60	10-160	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	67	71	10-156	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	69	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	73	76	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	81	25-135	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	85	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	79	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	68	72	29-129	6
Trichloroethene	mg/kg (ppm)	2.5	<0.02	69	72	21-139	4
Toluene	mg/kg (ppm)	2.5	<0.05	68	70	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	58	60	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	65	67	32-137	3
m,p-Xylene	mg/kg (ppm)	5	<0.1	63	66	34-136	5
o-Xylene	mg/kg (ppm)	2.5	<0.05	67	70	33-134	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	65	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	47-128
Methylene chloride	mg/kg (ppm)	2.5	80	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	105	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	102	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	95	64-117
Toluene	mg/kg (ppm)	2.5	100	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	107	72-114
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	104	78-122
o-Xylene	mg/kg (ppm)	2.5	105	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

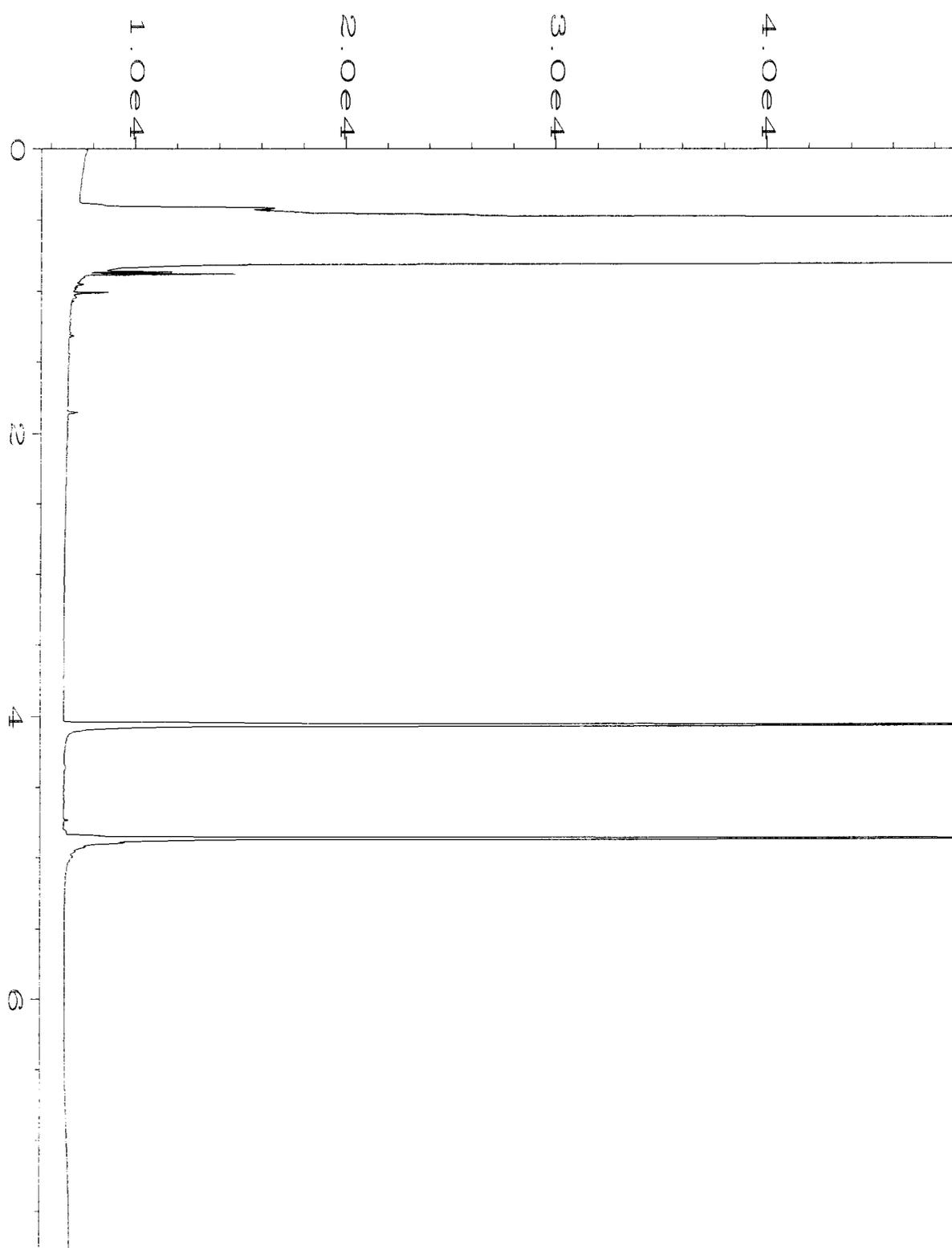
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

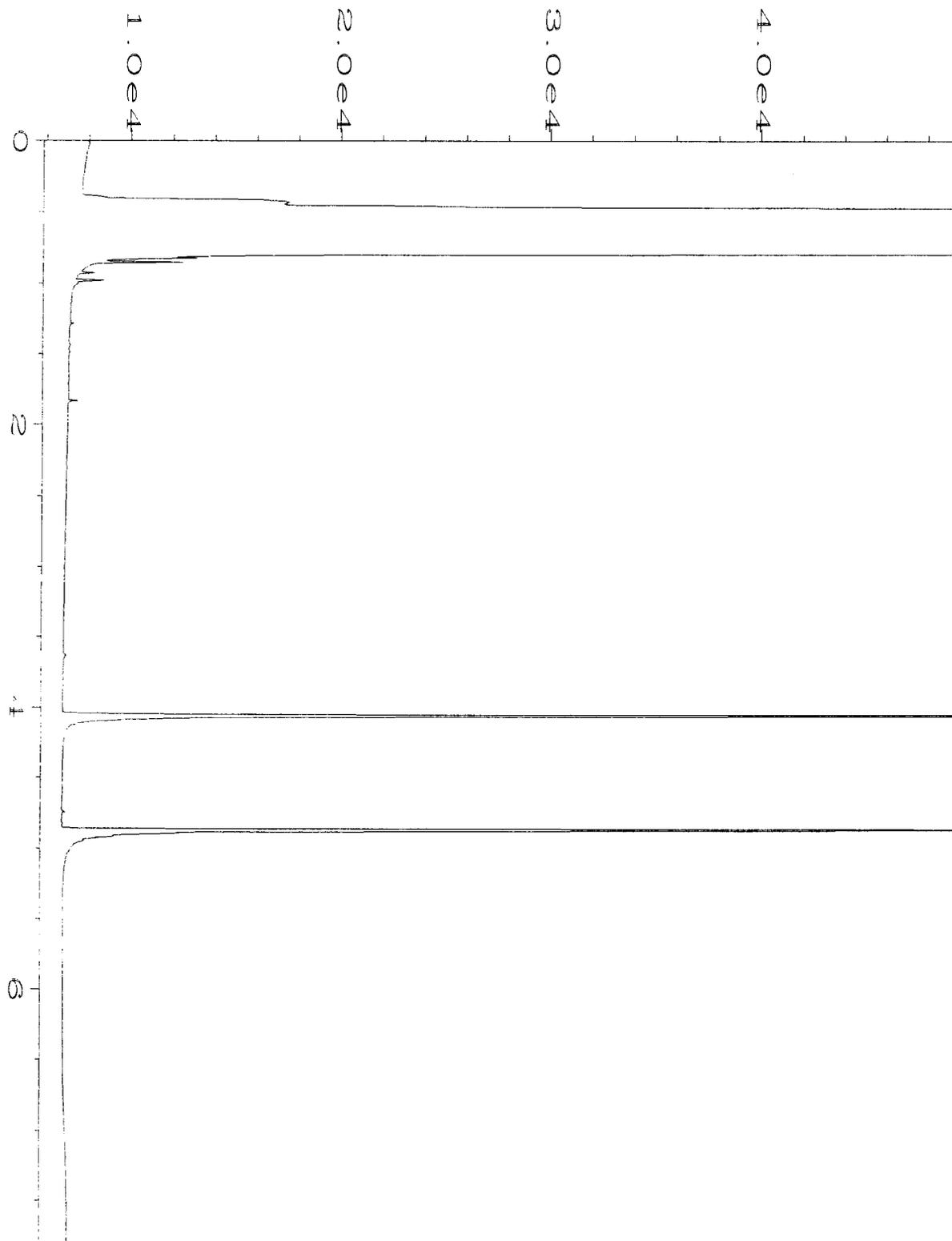
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

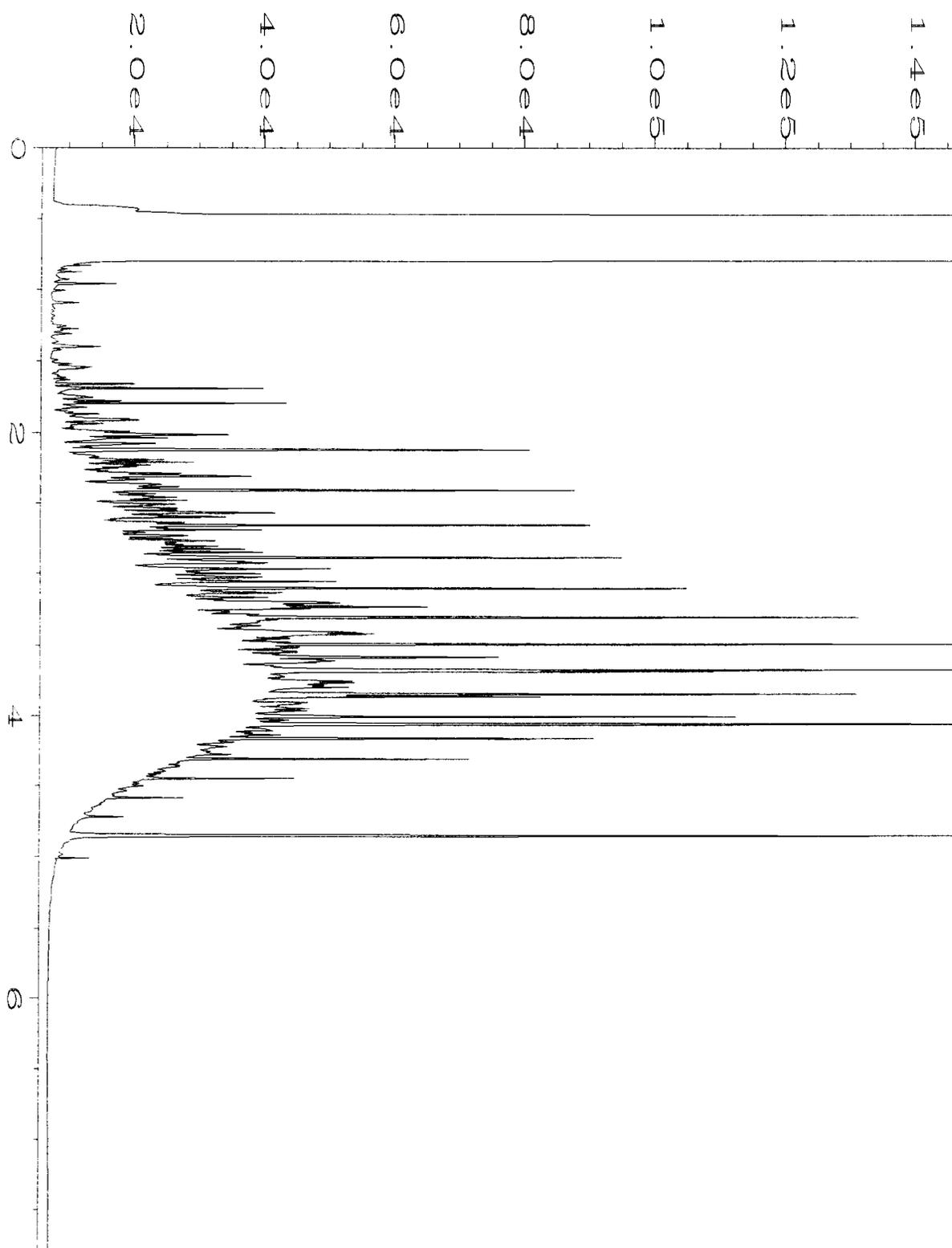
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\10-01-14\017F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 409568-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 01 Oct 14 04:03 PM	Analysis Method	: DX.MTH
Report Created on:	02 Oct 14 09:06 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-01-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-1994 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 01 Oct 14 10:11 AM	Analysis Method	: DX.MTH
Report Created on:	02 Oct 14 09:06 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-01-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 01 Oct 14 09:16 AM	Analysis Method	: DX.MTH
Report Created on:	02 Oct 14 09:06 AM		

409568

SAMPLE CHAIN OF CUSTODY

ME 09/30/14 1 of 131/EO3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
II1WSW-77	II1WSW	77'	01A-E	9/30/14	0930	SOIL	5					X	
JJ1SSW-77	JJ1SSW	77'	02	9/30/14	0935	SOIL	5	X	X	X	X	X	
JJ2SSW-78	JJ2SSW	78'	03	9/30/14	0940	SOIL	5					X	
9/30/14													

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:	JONATHAN LOEFFLER		9/30/14	16:10
Received by:	HONG NGUYEN	FBI	✓	16:15
Relinquished by:				
Received by:				

Sample received at _____ °C

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

October 2, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 1, 2014 from the SOU_0731-004-05_20141001, F&BI 410020 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1002R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 1, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141001, F&BI 410020 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410020 -01	Z8-55
410020 -02	Z8-50
410020 -03	Z8-45
410020 -04	Z8-40
410020 -05	Y10-50
410020 -06	Y10-45
410020 -07	Y10-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z8-55	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-01
Date Analyzed:	10/01/14	Data File:	100117.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z8-50	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-02
Date Analyzed:	10/01/14	Data File:	100118.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z8-45	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-03
Date Analyzed:	10/01/14	Data File:	100119.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z8-40	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-04
Date Analyzed:	10/01/14	Data File:	100120.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-50	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-05
Date Analyzed:	10/01/14	Data File:	100121.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-45	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-06
Date Analyzed:	10/01/14	Data File:	100122.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-40	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	410020-07
Date Analyzed:	10/01/14	Data File:	100123.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141001, F&BI 410020
Date Extracted:	10/01/14	Lab ID:	04-1992 mb
Date Analyzed:	10/01/14	Data File:	100116.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/14

Date Received: 10/01/14

Project: SOU_0731-004-05_20141001, F&BI 410020

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410020-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	55	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	78	77	10-176	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	69	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	67	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	76	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	81	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	85	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	92	89	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	88	87	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	87	85	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	92	91	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	22-139
Chloroethane	mg/kg (ppm)	2.5	89	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	47-128
Methylene chloride	mg/kg (ppm)	2.5	79	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	62-131
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410020

SAMPLE CHAIN OF CUSTODY

ME 10/01/14

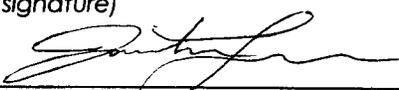
151

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

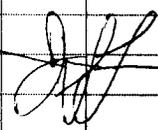
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

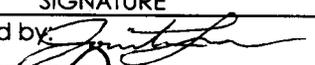
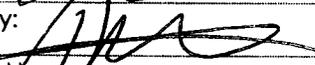
TURNAROUND TIME Standard (2 Weeks) RUSH 24 hr TAT Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> Dispose after 30 days Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Z8-55	Z8	55'	01 A-D	10/1/14	1212	SOIL	4				X	
Z8-50	Z8	50'	02		1249	SOIL	4				X	
Z8-45	Z8	45'	03		1255	SOIL	4				X	
Z8-40	Z8	40'	04		1305	SOIL	4				X	
Y10-50	Y10	50'	05		1320	SOIL	4				X	
Y10-45	Y10	45'	06		1327	SOIL	4				X	
Y10-40	Y10	40'	07		1338	SOIL	4				X	



10/1/14

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: 	JONATHAN LOEFFLER	SOUNDEARTH	10/1/14	1420
Received by: 	Matt	FRT	10/1/14	1420
Relinquished by:				
Received by:				

Samples received at 5 °C

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

October 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 1, 2014 from the SOU_0731-004-05_20141001, F&BI 410025 project. There are 4 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 1, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141001, F&BI 410025 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410025 -01	BB1-55
410025 -02	BB1-50
410025 -03	BB1-45
410025 -04	S9-50
410025 -05	S9-45
410025 -06	S9-40
410025 -07	S9-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/01/14

Project: SOU_0731-004-05_20141001, F&BI 410025

Date Extracted: 10/13/14

Date Analyzed: 10/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-132)
S9-50 410025-04	<0.02	<0.02	<0.02	<0.06	3.0	84
S9-45 410025-05 1/5	<0.02 j	<0.1	4.0	14	2,000	ip
S9-40 410025-06 1/5	<0.02 j	<0.1	7.7	9.2	2,500	ip
S9-35 410025-07	<0.02	<0.02	<0.02	<0.06	<2	89
Method Blank 04-2015 MB	<0.02	<0.02	<0.02	<0.06	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/01/14

Project: SOU_0731-004-05_20141001, F&BI 410025

**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: 410186-03 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	98	69-120
Toluene	mg/kg (ppm)	0.5	99	70-117
Ethylbenzene	mg/kg (ppm)	0.5	96	65-123
Xylenes	mg/kg (ppm)	1.5	94	66-120
Gasoline	mg/kg (ppm)	20	90	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410025

SAMPLE CHAIN OF CUSTODY

M9 10/1/14 VS₁

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr TAT
 Rush charges authorized by:
Pete Kingston

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

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
BB1-55	BB1	55'	01 A-D	10/1/14	1503	SOIL	4				X	<input checked="" type="checkbox"/> per JL 10/13/14 M9
BB1-50	BB1	50'	02 A-D	10/1/14	1509	SOIL	4				X	
BB1-45	BB1	45'	03 A-D	10/1/14	1518	SOIL	4				X	
S9-50	S9	50'	04 A-D	10/1/14	1538	SOIL	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		X	
S9-45	S9	45'	05 A-D	10/1/14	1544	SOIL	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		X	
S9-40	S9	40'	06 A-D	10/1/14	1549	SOIL	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		X	
S9-35	S9	35'	07 A-D	10/1/14	1554	SOIL	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		X	
											Samples received at <u>4</u> °C	
											<u>10/1/14</u>	

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	JONATHAN LOEFFLER	SOUNDEARTH	10/1/14	1700
Received by	Michael Erdahl	FEBC	↓	↓
Relinquished by:				
Received by:				

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

October 2, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 1, 2014 from the SOU_0731-004-05_20141001, F&BI 410025 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1002R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 1, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141001, F&BI 410025 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410025 -01	BB1-55
410025 -02	BB1-50
410025 -03	BB1-45
410025 -04	S9-50
410025 -05	S9-45
410025 -06	S9-40
410025 -07	S9-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB1-55	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-01
Date Analyzed:	10/01/14	Data File:	100124.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	103	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB1-50	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-02
Date Analyzed:	10/01/14	Data File:	100125.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB1-45	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-03
Date Analyzed:	10/01/14	Data File:	100126.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-50	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-04
Date Analyzed:	10/01/14	Data File:	100127.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-45	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-05
Date Analyzed:	10/01/14	Data File:	100129.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	90	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-40	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-06
Date Analyzed:	10/01/14	Data File:	100130.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-35	Client:	SoundEarth Strategies
Date Received:	10/01/14	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	410025-07
Date Analyzed:	10/01/14	Data File:	100128.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	102	51	121
4-Bromofluorobenzene	103	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141001, F&BI 410025
Date Extracted:	10/01/14	Lab ID:	04-1992 mb
Date Analyzed:	10/01/14	Data File:	100116.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/02/14

Date Received: 10/01/14

Project: SOU_0731-004-05_20141001, F&BI 410025

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410020-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	55	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	78	77	10-176	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	69	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	69	67	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	76	14-137	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	84	81	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	85	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	92	89	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	88	87	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	87	85	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	92	91	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	22-139
Chloroethane	mg/kg (ppm)	2.5	89	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	47-128
Methylene chloride	mg/kg (ppm)	2.5	79	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	62-131
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	101	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410025

SAMPLE CHAIN OF CUSTODY

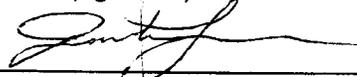
M9 10/1/14 VS₁

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

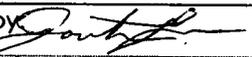
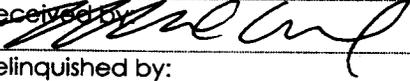
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
BB1-55	BB1	55'	01 A-D	10/1/14	1503	SOIL	4				X	
BB1-50	BB1	50'	02 A-D	10/1/14	1509	SOIL	4				X	
BB1-45	BB1	45'	03 A-D	10/1/14	1518	SOIL	4				X	
S9-50	S9	50'	04 A-D	10/1/14	1538	SOIL	4				X	
S9-45	S9	45'	05 A-D	10/1/14	1544	SOIL	4				X	
S9-40	S9	40'	06 A-D	10/1/14	1549	SOIL	4				X	
S9-35	S9	35'	07 A-D	10/1/14	1554	SOIL	4				X	
Samples received at <u>4</u> °C												
<u>10/1/13</u>												

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 	JONATHAN LOEFFLER	SOUNDEARTH	10/1/14	1700
Received by 	Michael Erdahl	Fibre	↓	↓
Relinquished by:				
Received by:				

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

October 3, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 2, 2014 from the SOU_0731-004-05_20141002, F&BI 410050 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1003R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 2, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141002, F&BI 410050 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410050 -01	W5-55

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W5-55	Client:	SoundEarth Strategies
Date Received:	10/02/14	Project:	SOU_0731-004-05_20141002, F&BI 410050
Date Extracted:	10/02/14	Lab ID:	410050-01
Date Analyzed:	10/02/14	Data File:	100224.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	101	63	127
4-Bromofluorobenzene	103	60	133

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141002, F&BI 410050
Date Extracted:	10/02/14	Lab ID:	04-1993 mb
Date Analyzed:	10/02/14	Data File:	100206.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	102	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/03/14

Date Received: 10/02/14

Project: SOU_0731-004-05_20141002, F&BI 410050

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410036-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	59	60	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	80	80	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	78	78	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	87	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	92	25-135	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	96	98	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	93	10-156	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	90	92	21-139	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	98	97	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	93	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	79	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Trichloroethene	mg/kg (ppm)	2.5	94	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410050

SAMPLE CHAIN OF CUSTODY

ME 10/2/14

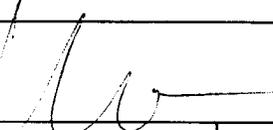
US1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

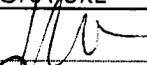
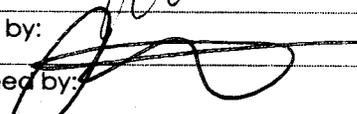
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>2</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24-hr</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C						Notes	
<u>WS-55</u>	<u>WS</u>	<u>55</u>	<u>01A-D</u>	<u>10/2/14</u>	<u>1035</u>	<u>Soil</u>	<u>4</u>				<input checked="" type="checkbox"/>							
<u>CP 10/2/14</u>																		

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: 	<u>Courtney Porter</u>	<u>SoundEarth</u>	<u>10/2/14</u>	<u>1510</u>
Received by: 	<u>FB</u>	<u>FB Inc</u>	<u>10/2/14</u>	<u>1510</u>
Relinquished by:				
Received by:				
Samples received at			<u>5</u>	<u>10</u>

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

October 6, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 3, 2014 from the SOU_0731-004-05_20141003, F&BI 410071 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1006R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 3, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141003, F&BI 410071 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410071 -01	X11-50
410071 -02	X11-45
410071 -03	X11-40
410071 -04	X11-35
410071 -05	Duplicate 17

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X11-50	Client:	SoundEarth Strategies
Date Received:	10/03/14	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	410071-01
Date Analyzed:	10/03/14	Data File:	100320.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X11-45	Client:	SoundEarth Strategies
Date Received:	10/03/14	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	410071-02
Date Analyzed:	10/03/14	Data File:	100321.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X11-40	Client:	SoundEarth Strategies
Date Received:	10/03/14	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	410071-03
Date Analyzed:	10/03/14	Data File:	100322.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X11-35	Client:	SoundEarth Strategies
Date Received:	10/03/14	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	410071-04
Date Analyzed:	10/03/14	Data File:	100325.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	88	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 17	Client:	SoundEarth Strategies
Date Received:	10/03/14	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	410071-05
Date Analyzed:	10/03/14	Data File:	100323.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141003
Date Extracted:	10/03/14	Lab ID:	04-2017 mb
Date Analyzed:	10/03/14	Data File:	100306.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/06/14

Date Received: 10/03/14

Project: SOU_0731-004-05_20141003, F&BI 410071

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410069-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	50	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	65	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	62	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	78	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	73	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	75	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	78	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	79	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	81	27-112	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	77	75	30-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	79	75	27-110	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/06/14

Date Received: 10/03/14

Project: SOU_0731-004-05_20141003, F&BI 410071

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	42-107
Chloroethane	mg/kg (ppm)	2.5	90	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	72-116
Trichloroethene	mg/kg (ppm)	2.5	92	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410071

SAMPLE CHAIN OF CUSTODY

ME 10-03-14

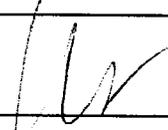
VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

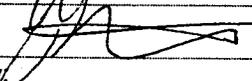
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. KINGSTON

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
X11-50	X11	5	01A-D	10/3/14	1035	Soil	4				X	
X11-45	X11	10	02T	10/3/14	1040	Soil	4				X	
X11-40	X11	15	03	10/3/14	1050	Soil	4				X	
X11-35	X11	20	04	10/3/14	1200	Soil	4				X	
Duplicate 17	—	—	05	10/3/14	1045	Soil	4				X	
10/3/14												

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: 	Courtney Porter	SoundEarth	10/3/14	1330
Received by: 	Jeff Bruya	FRB	10/3/14	1330
Relinquished by:				
Received by:				

Samples received at 4°C

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

October 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 7, 2014 from the SOU_0731-004-05_20141007, F&BI 410113 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1008R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141007, F&BI 410113 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410113 -01	X8-40
410113 -02	X8-35
410113 -03	Y6-45
410113 -04	Y6-40
410113 -05	W5-40
410113 -06	W5-35
410113 -07	W5-30
410113 -08	Duplicate18

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410113

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
X8-40 410113-01 1/10	2,500	ip
X8-35 410113-02 1/5	1,200	ip
Duplicate18 410113-08 1/5	1,200	ip
Method Blank 04-2011 MB	<2	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410113

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
X8-40 410113-01	400 x	<250	95
X8-35 410113-02	310 x	<250	93
Duplicate18 410113-08	270 x	<250	93
Method Blank 04-2037 MB	<50	<250	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X8-40	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-01
Date Analyzed:	10/07/14	Data File:	100724.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	83	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	0.11
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.15
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	X8-35	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-02
Date Analyzed:	10/07/14	Data File:	100722.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	91	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y6-45	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-03
Date Analyzed:	10/07/14	Data File:	100717.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.032

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y6-40	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-04
Date Analyzed:	10/07/14	Data File:	100718.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W5-40	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-05
Date Analyzed:	10/07/14	Data File:	100719.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.052

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W5-35	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-06
Date Analyzed:	10/07/14	Data File:	100720.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.061

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W5-30	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-07
Date Analyzed:	10/07/14	Data File:	100721.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate18	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	410113-08
Date Analyzed:	10/07/14	Data File:	100723.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	91	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141007, F&BI 410113
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410113

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410124-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410113

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

Laboratory Code: 410123-01 (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	2,800	79	83	73-135	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	77	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410113

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

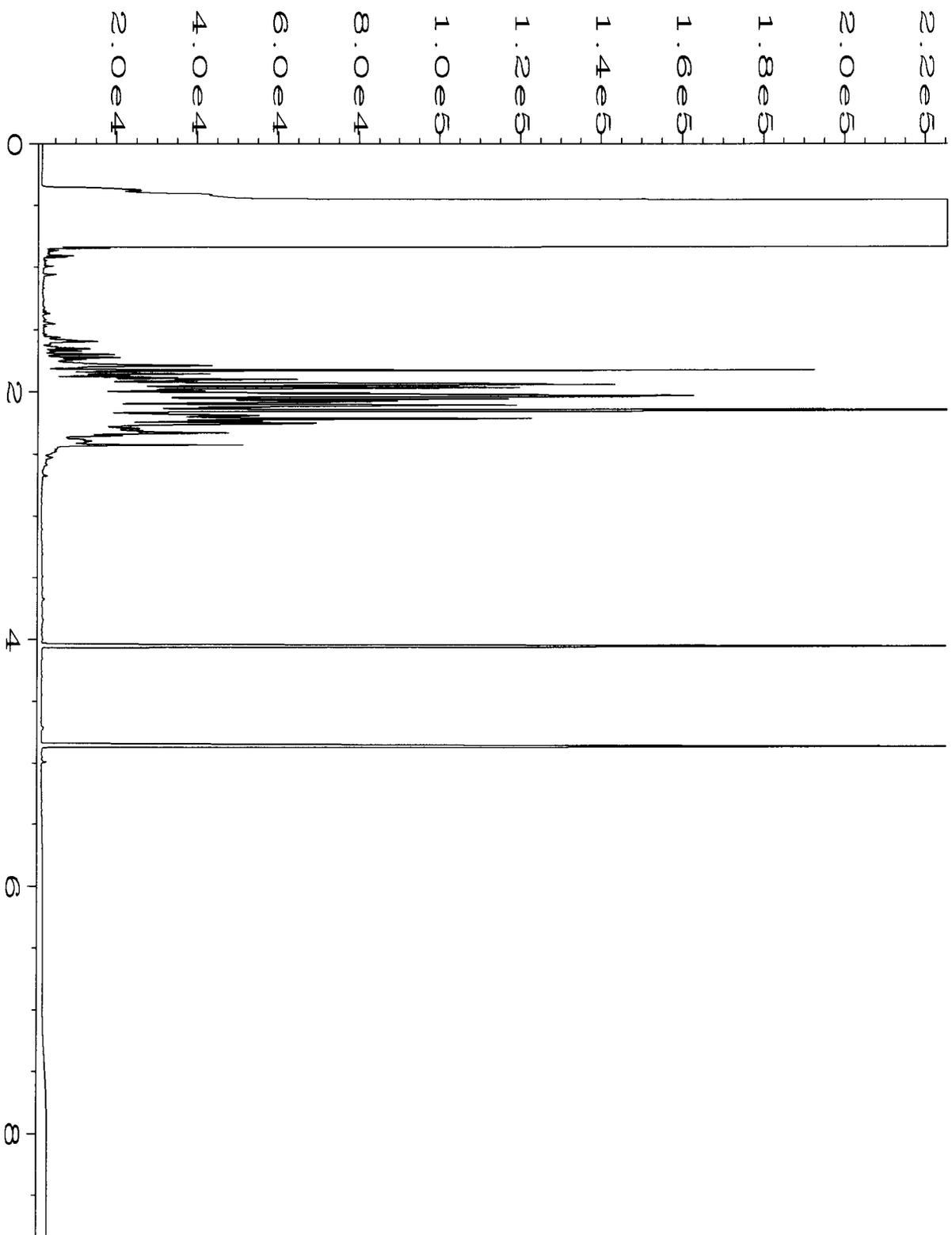
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

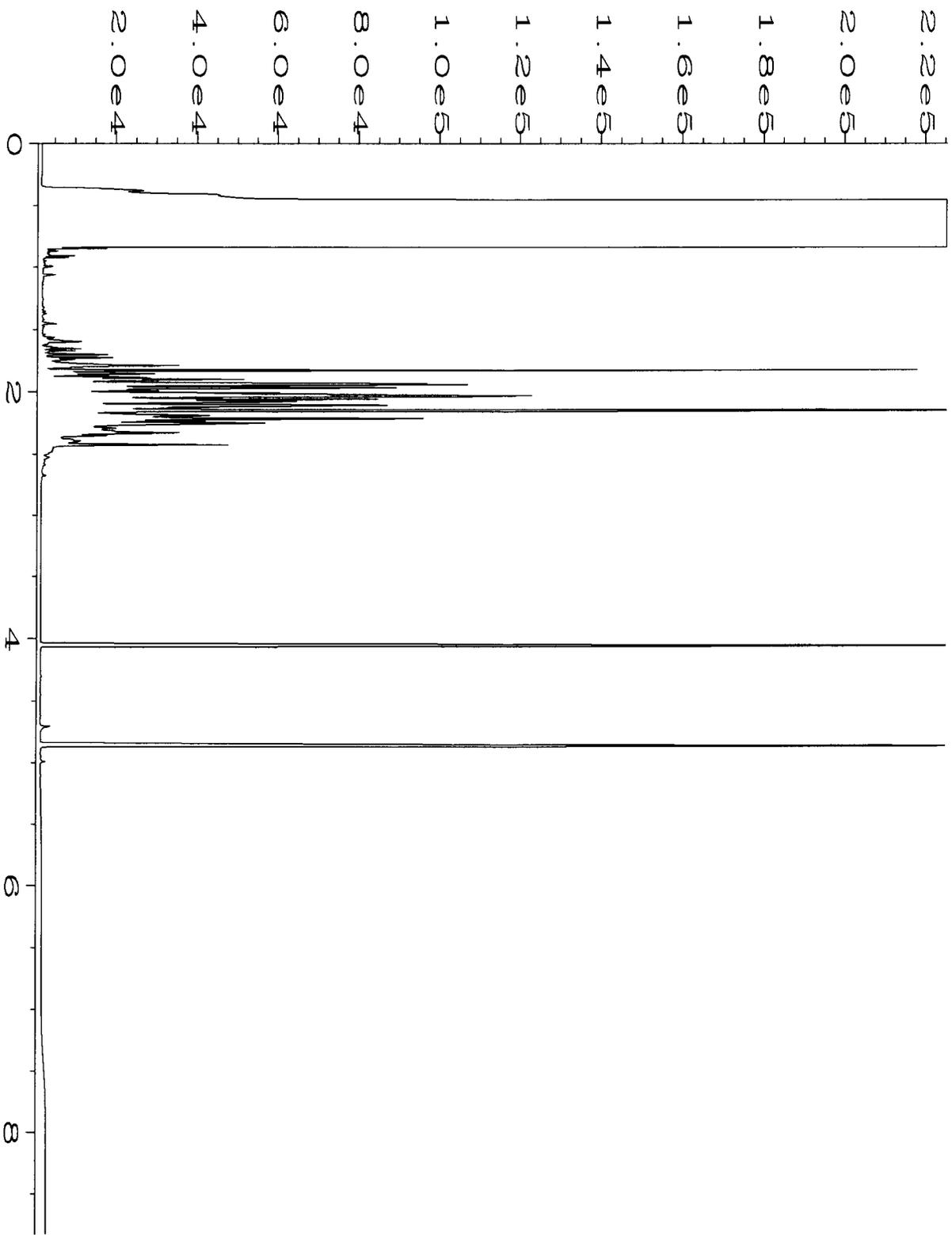
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

Data Qualifiers & Definitions

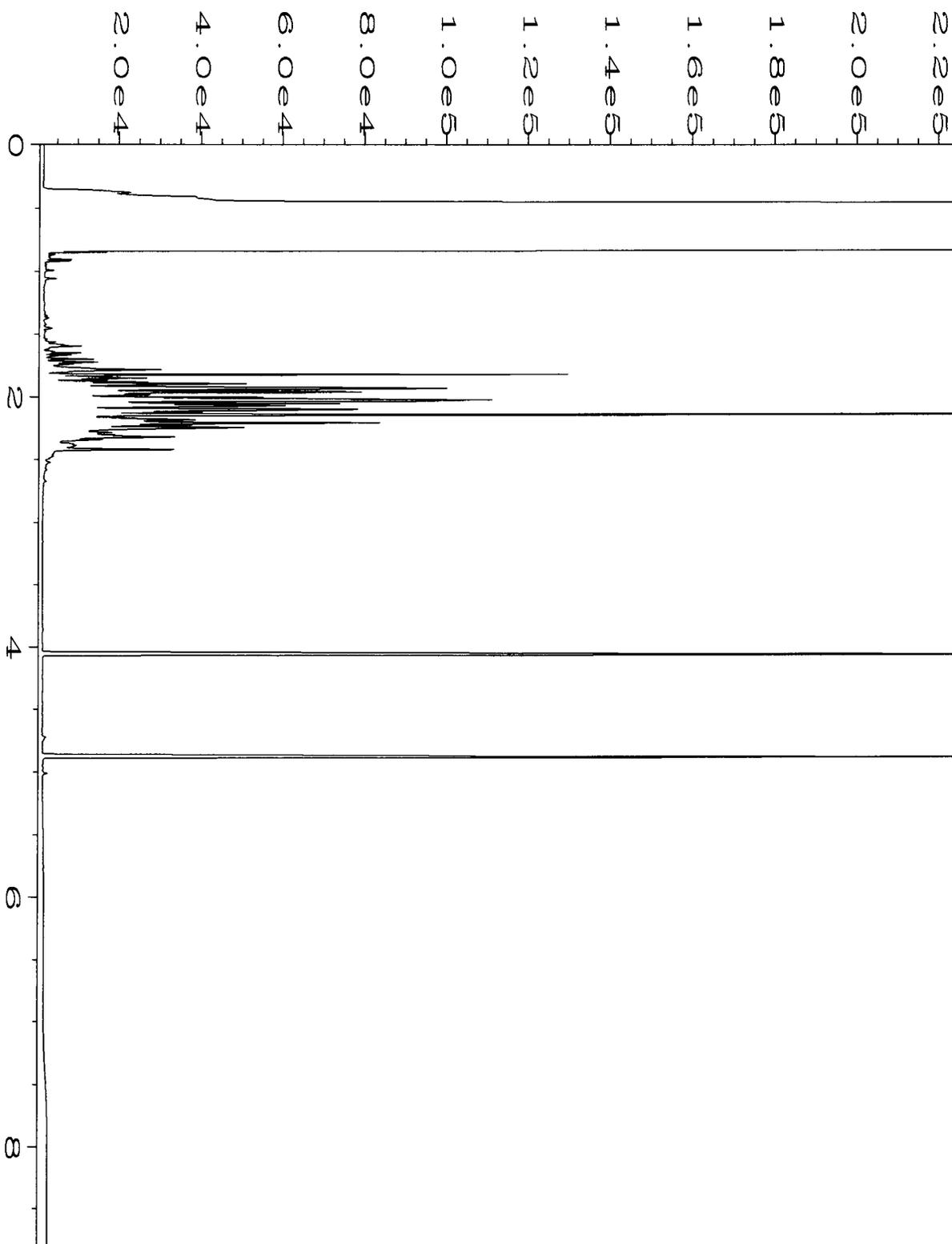
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



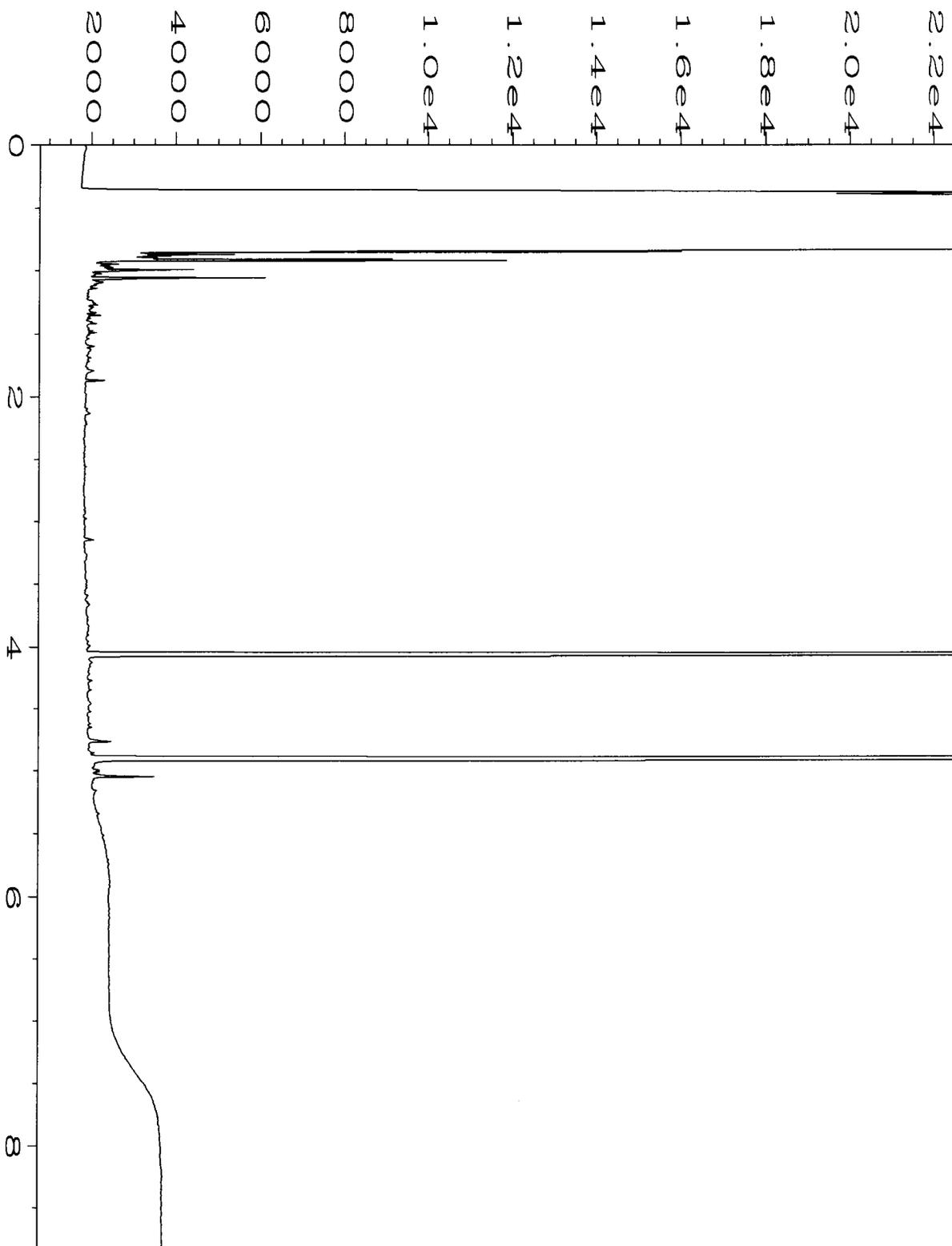
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Operator	: sp	Vial Number	: 15
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410113-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 11:36 AM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 01:01 PM		



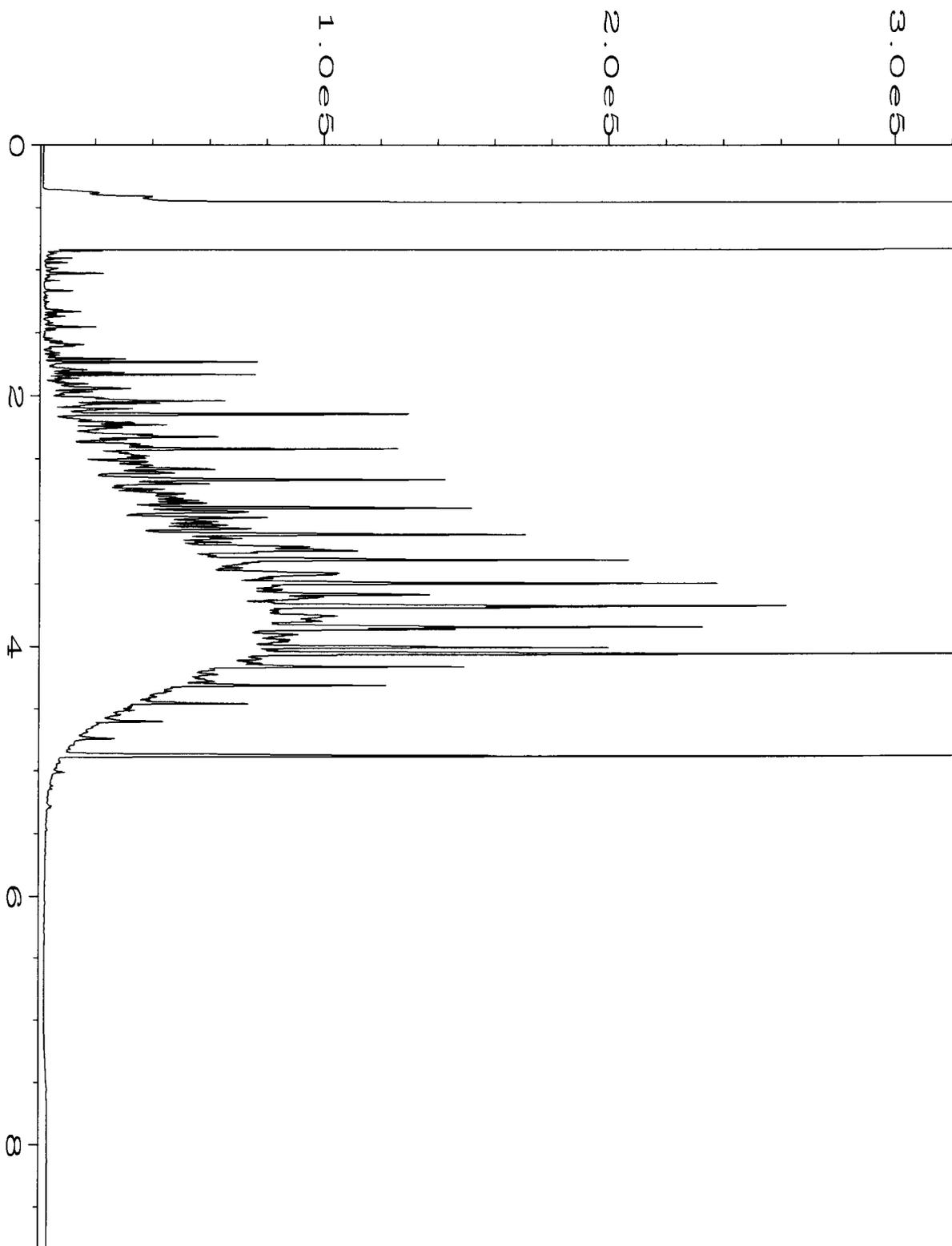
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Operator	: sp	Vial Number	: 16
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410113-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 11:50 AM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 12:36 PM		



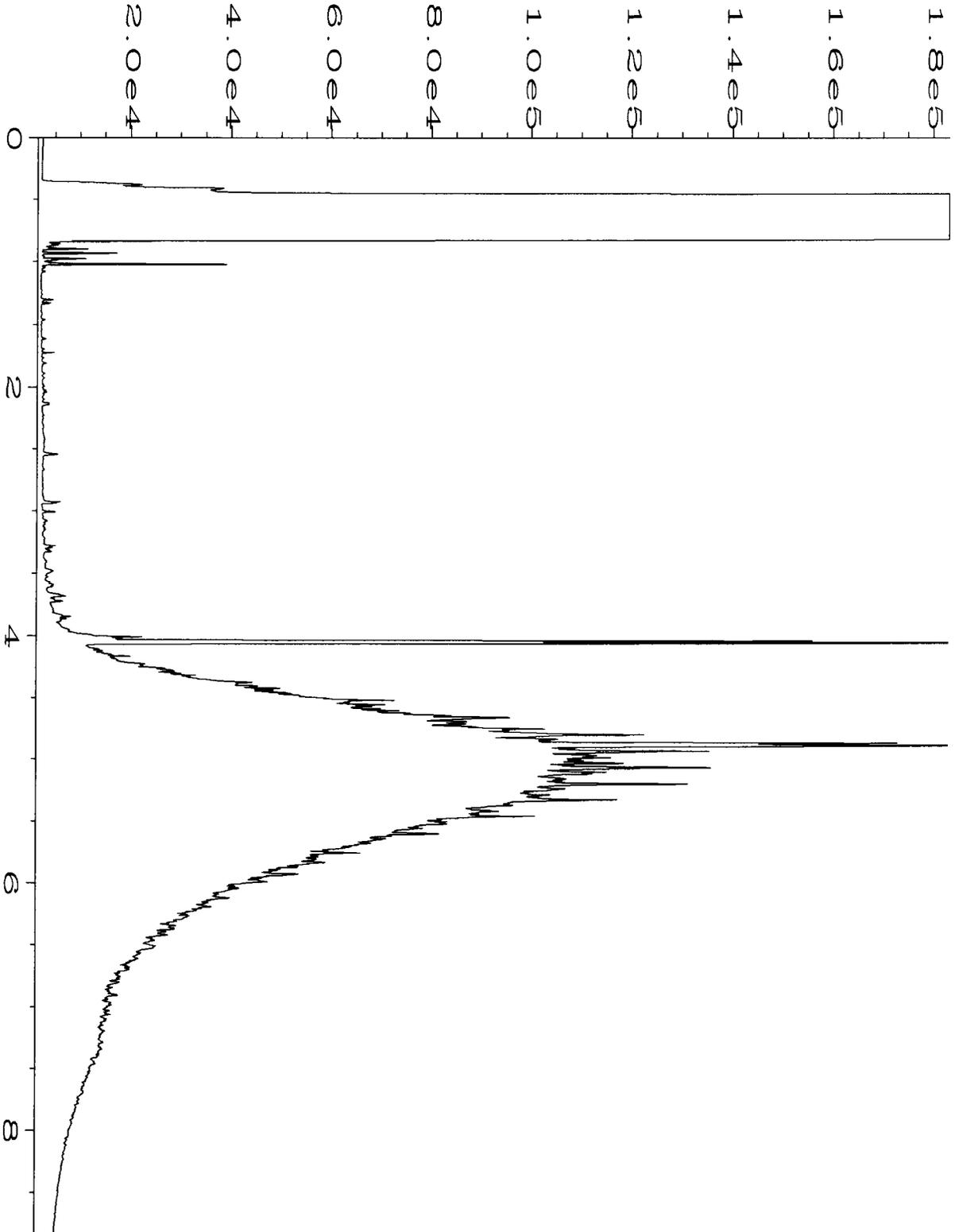
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Operator	: sp	Vial Number	: 17
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410113-08	Sequence Line	: 4
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 08 Oct 14 12:36 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 12:49 PM		



Data File Name	: C:\HPCHEM\4\DATA\10-08-14\006F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2037 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 09:30 AM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 01:01 PM		



Data File Name	: C:\HPCHEM\4\DATA\10-08-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 08:17 AM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 01:00 PM		



Data File Name	: C:\HPCHEM\4\DATA\10-08-14\002F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 2
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 MO 42-130B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 07:55 AM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 01:00 PM		

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SAMPLE CHAIN OF CUSTODY

ME 10-07-14

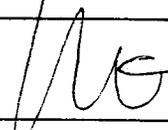
VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

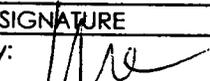
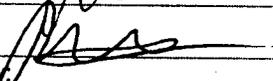
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hrs.
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
X8-40	X8	40	01A-D	10/7/14	0930	Soil	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	<input checked="" type="checkbox"/> - per CP 10/8/14 MS.
X8-35	X8	35	02	10/7/14	0940	Soil	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
Y6-45	Y6	45	03	10/7/14	0945	Soil	4				X	
Y6-40	Y6	40	04	10/7/14	0950	Soil	4				X	
W5-40	W5	40	05	10/7/14	1005	Soil	4				X	
W5-35	W5	35	06	10/7/14	1015	Soil	4				X	
W5-30	W5	30	07	10/7/14	1025	Soil	4				X	
Duplicates	—	—	08	10/7/14	0935	Soil	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	

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
	Courtney Porter	SoundEarth	10/7/14	1130
	Pete Kingston	FBR	10/7/14	1130
Received by:		Sample received at	3 °C	

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 7, 2014 from the SOU_0731-004-05_20141007, F&BI 410114 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141007, F&BI 410114 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410114 -01	CC1WSW-68
410114 -02	EE1WSW-67
410114 -03	G31ESW-67

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410114

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
CC1WSW-68 410114-01	<2	98
EE1WSW-67 410114-02	<2	97
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410114

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
CC1WSW-68 410114-01	<50	<250	94
EE1WSW-67 410114-02	<50	<250	94
Method Blank 04-2036 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-68	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410114
Date Extracted:	10/07/14	Lab ID:	410114-01
Date Analyzed:	10/08/14	Data File:	100736.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE1WSW-67	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410114
Date Extracted:	10/07/14	Lab ID:	410114-02
Date Analyzed:	10/08/14	Data File:	100737.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141007, F&BI 410114
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410114

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410114

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

Laboratory Code: 410109-03 (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	113	108	63-146	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	120	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410114

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

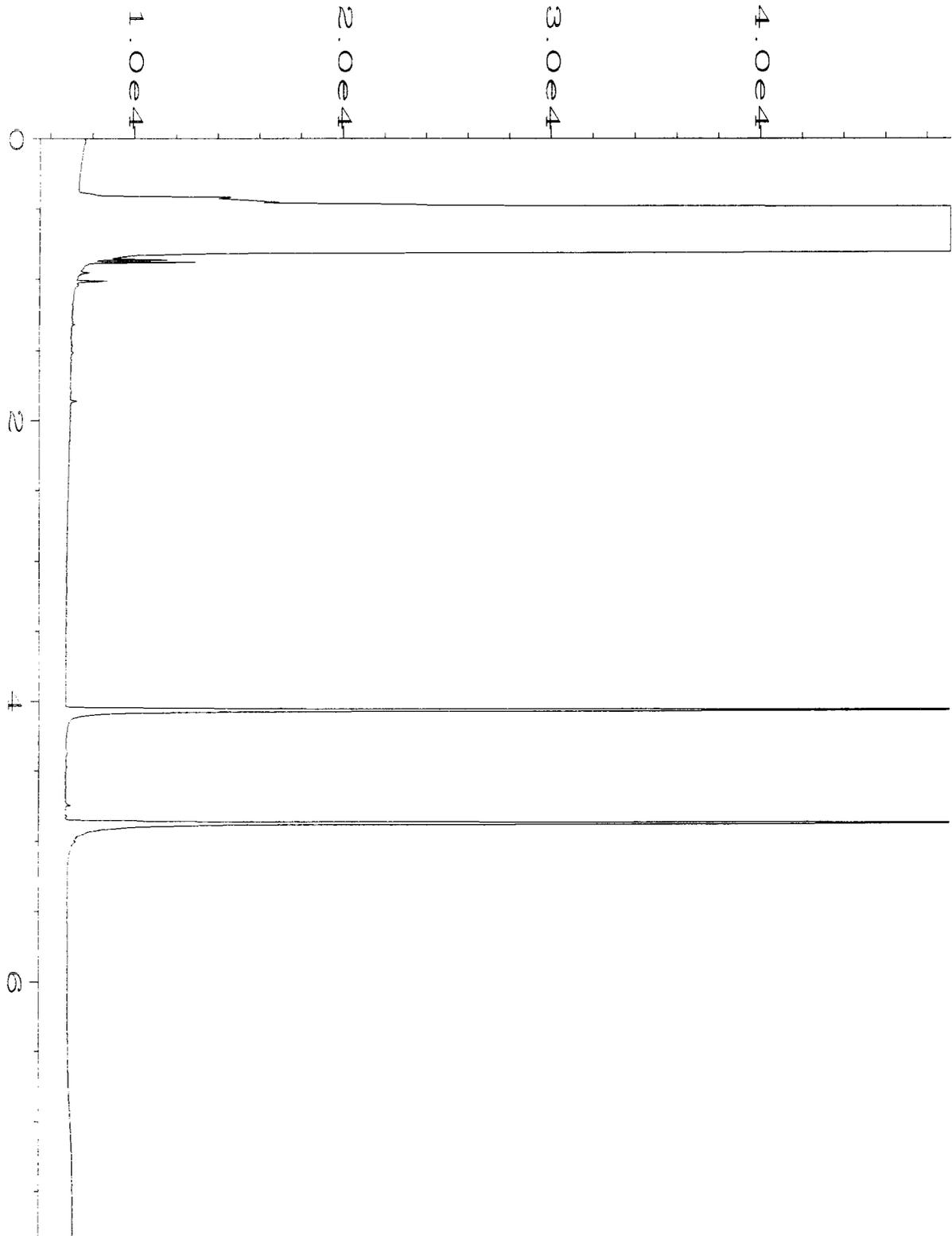
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

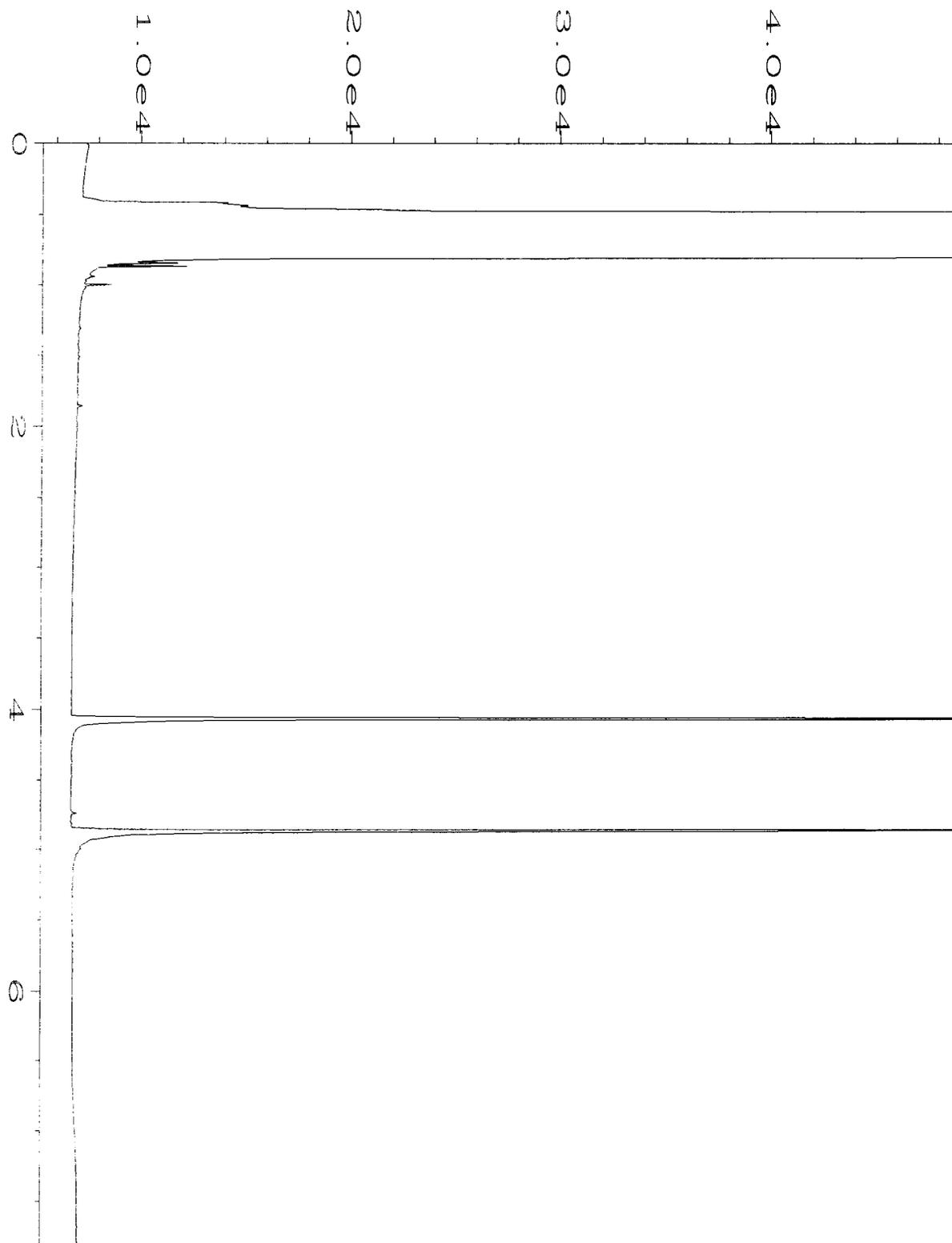
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

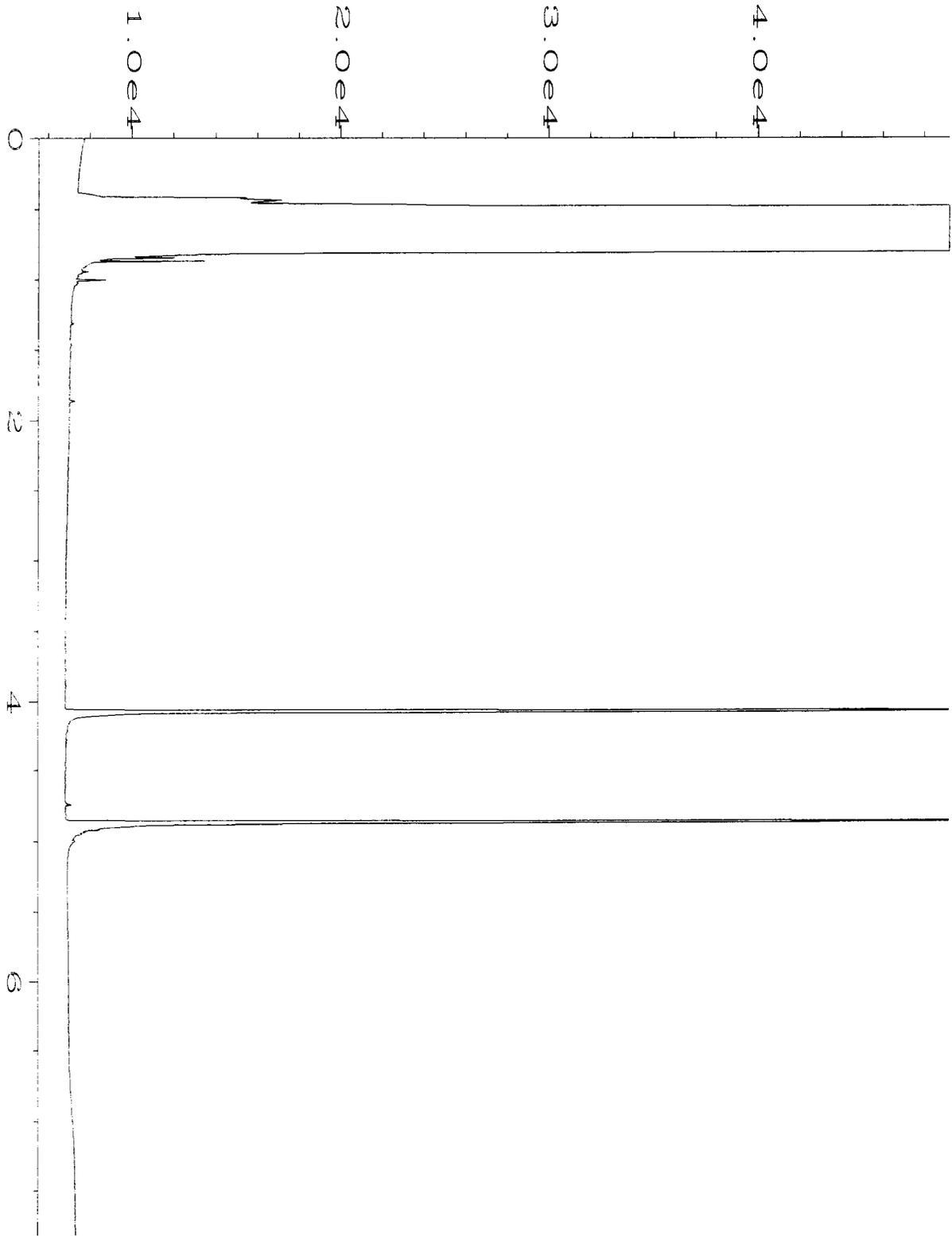
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



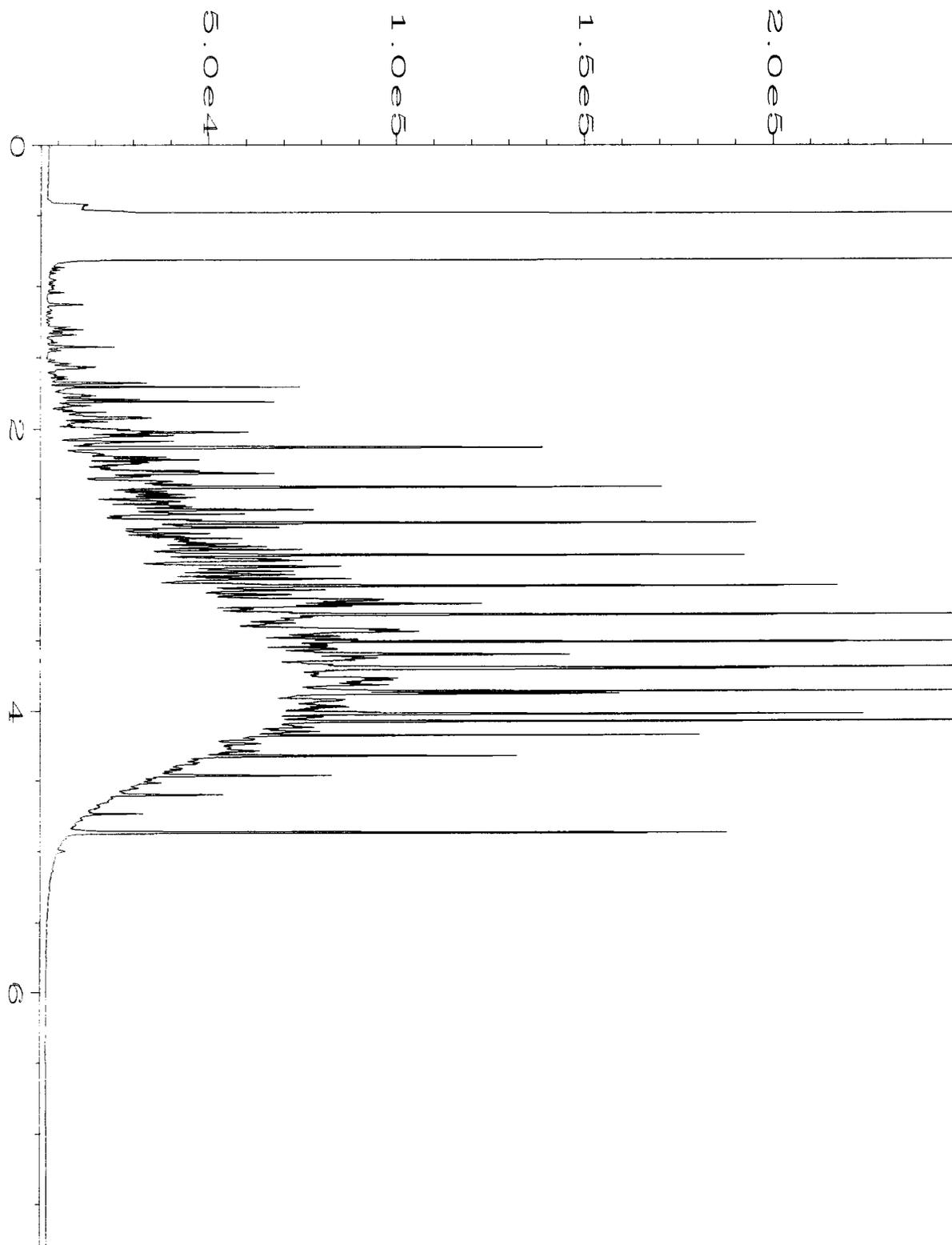
Data File Name	: C:\HPCHEM\1\DATA\10-07-14\031F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 31
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410114-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 06:47 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		



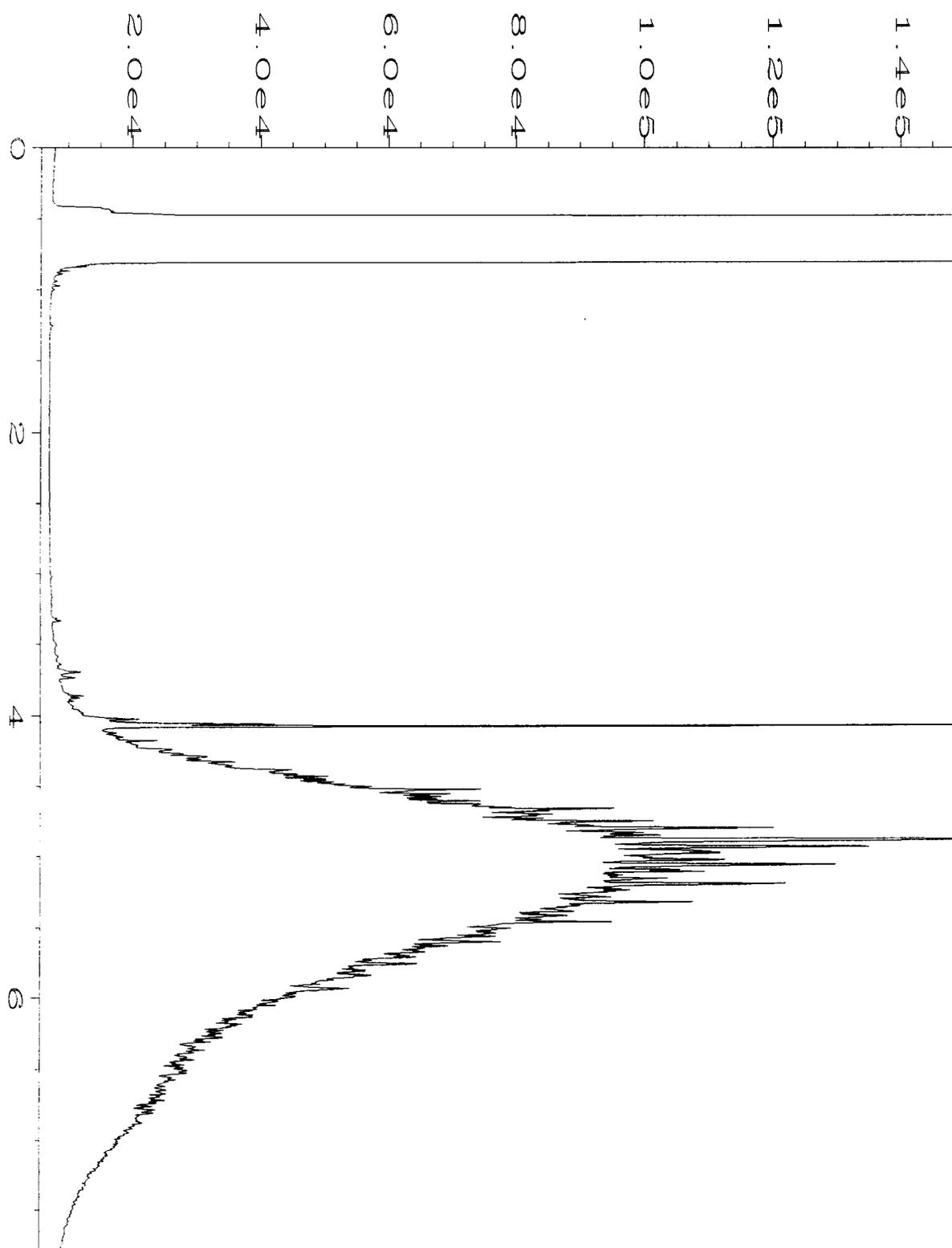
Data File Name	: C:\HPCHEM\1\DATA\10-07-14\032F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 32
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410114-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 06:59 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-07-14\016F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2036 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 03:37 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:08 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-07-14\005F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 03:25 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-07-14\004F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 03:15 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 10:07 AM		

410114

SAMPLE CHAIN OF CUSTODY ME # 10/7/14

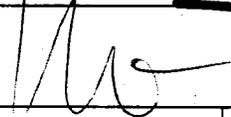
A01/vs1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		DATE <u>10/7/14</u>
PROJECT NAME/NO. Troy Laundry Property		PO # 0731-004-05
REMARKS		EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
CC1WSW-68	CC1	68	01 AE	10/7/14	0725	SOIL	5	X	X	X	X		
EE1WSW-67	EE1	67	02	10/7/14	0730	SOIL	5	X	X	X	X		
G3IESW-67	G3I	67	03	10/7/14	0750	SOIL	5					X	
CP 10/7/14													

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: 	Courtney Porter	SoundEarth	10/7/14	1130
Received by: 	Maft Lyden	FISher	10/7/14	1130
Relinquished by:				
Received by:				

Samples received at 3 °C

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 7, 2014 from the SOU_0731-004-05_20141007, F&BI 410115 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141007, F&BI 410115 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410115 -01	II1WSW-72
410115 -02	JJ1SWSW-72
410115 -03	JJ2SSW-73
410115 -04	JJ8SSW-75
410115 -05	EE1WSW-72
410115 -06	DD1WSW-71
410115 -07	JJ13SSW-75
410115 -08	JJ14SSW-75
410115 -09	CC1WSW-73

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410115

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
EE1WSW-72 410115-05	<2	97
DD1WSW-71 410115-06	<2	91
CC1WSW-73 410115-09	<2	96
Method Blank 04-2009 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410115

Date Extracted: 10/07/14

Date Analyzed: 10/07/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
EE1WSW-72 410115-05	<50	<250	91
DD1WSW-71 410115-06	<50	<250	99
CC1WSW-73 410115-09	<50	<250	103
Method Blank 04-2033 MB2	<50	<250	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE1WSW-72	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410115
Date Extracted:	10/07/14	Lab ID:	410115-05
Date Analyzed:	10/08/14	Data File:	100738.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-71	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410115
Date Extracted:	10/07/14	Lab ID:	410115-06
Date Analyzed:	10/08/14	Data File:	100739.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-73	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410115
Date Extracted:	10/07/14	Lab ID:	410115-09
Date Analyzed:	10/08/14	Data File:	100740.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141007, F&BI 410115
Date Extracted:	10/07/14	Lab ID:	04-2019 mb2
Date Analyzed:	10/07/14	Data File:	100705.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410115

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410099-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	2	2	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410115

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

Laboratory Code: 410092-05 (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	102	116	64-133	13

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410115

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410094-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	49	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	64	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	63	10-160	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	79	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	68	14-137	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	19-140	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	77	12-160	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	72	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	74	73	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	81	21-139	5
Toluene	mg/kg (ppm)	2.5	<0.05	75	73	35-130	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	71	67	20-133	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	75	72	32-137	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	76	73	34-136	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	79	76	33-134	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	22-139
Chloroethane	mg/kg (ppm)	2.5	90	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	94	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	98	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	96	72-114
Ethylbenzene	mg/kg (ppm)	2.5	97	64-123
m,p-Xylene	mg/kg (ppm)	5	98	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

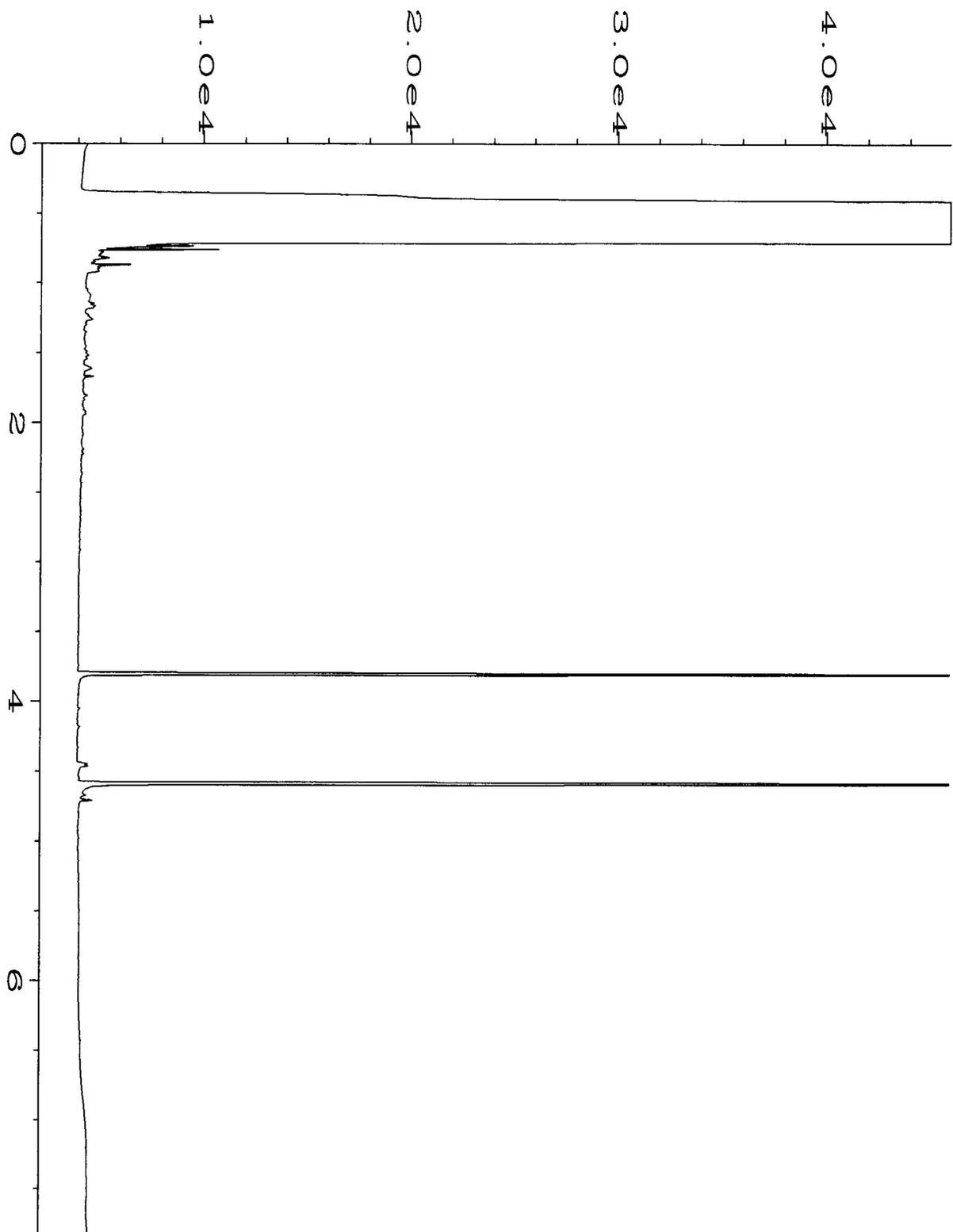
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

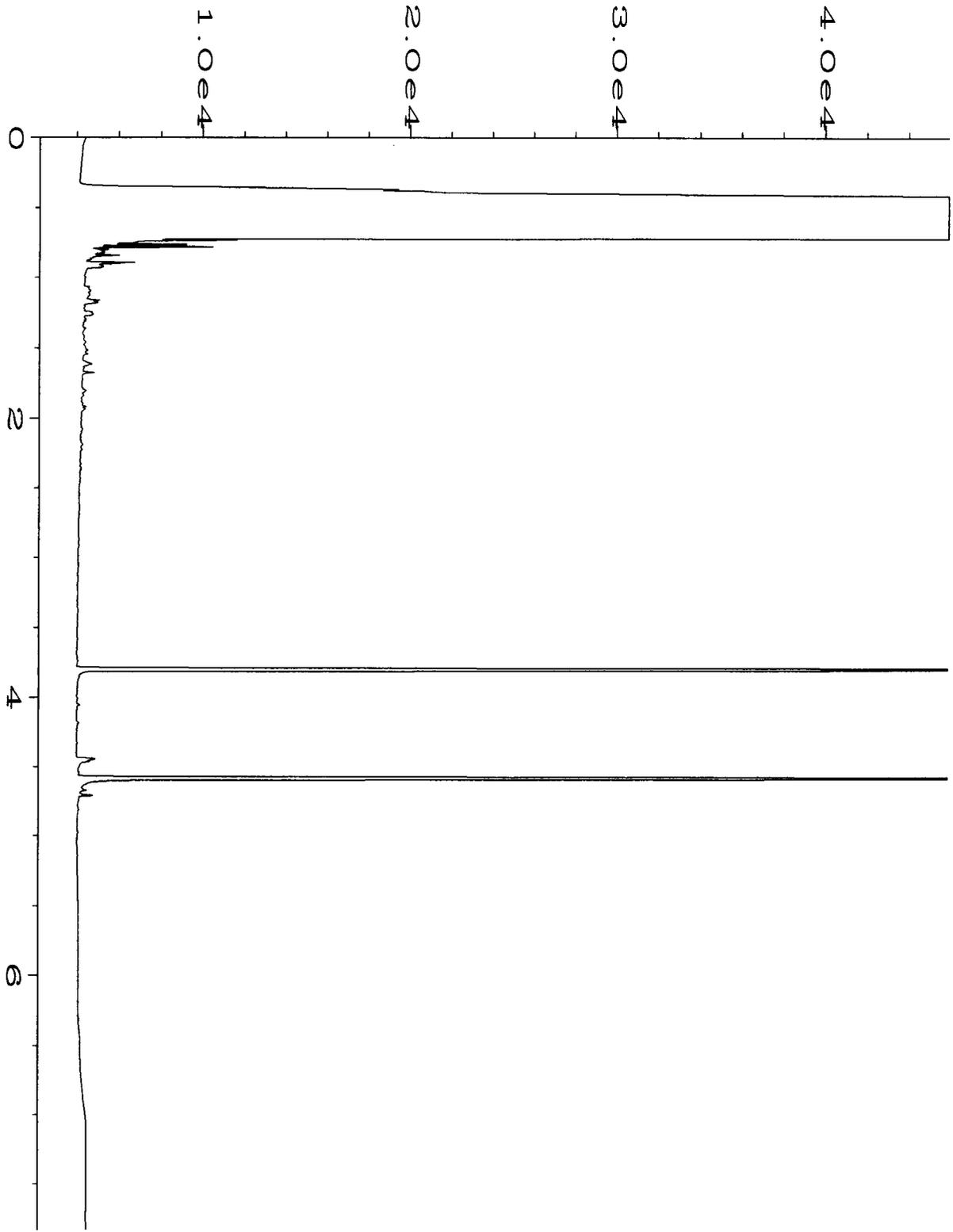
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

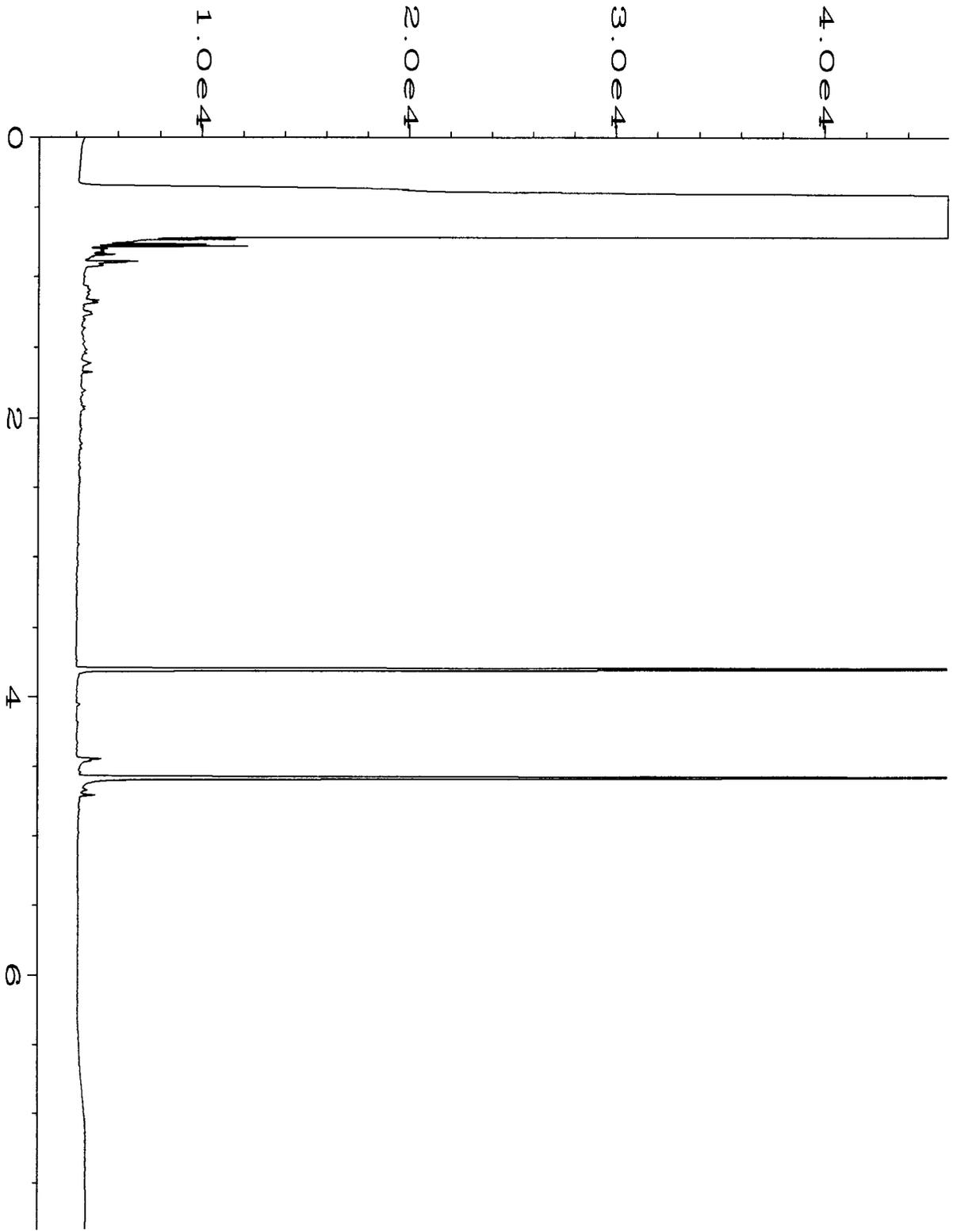
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



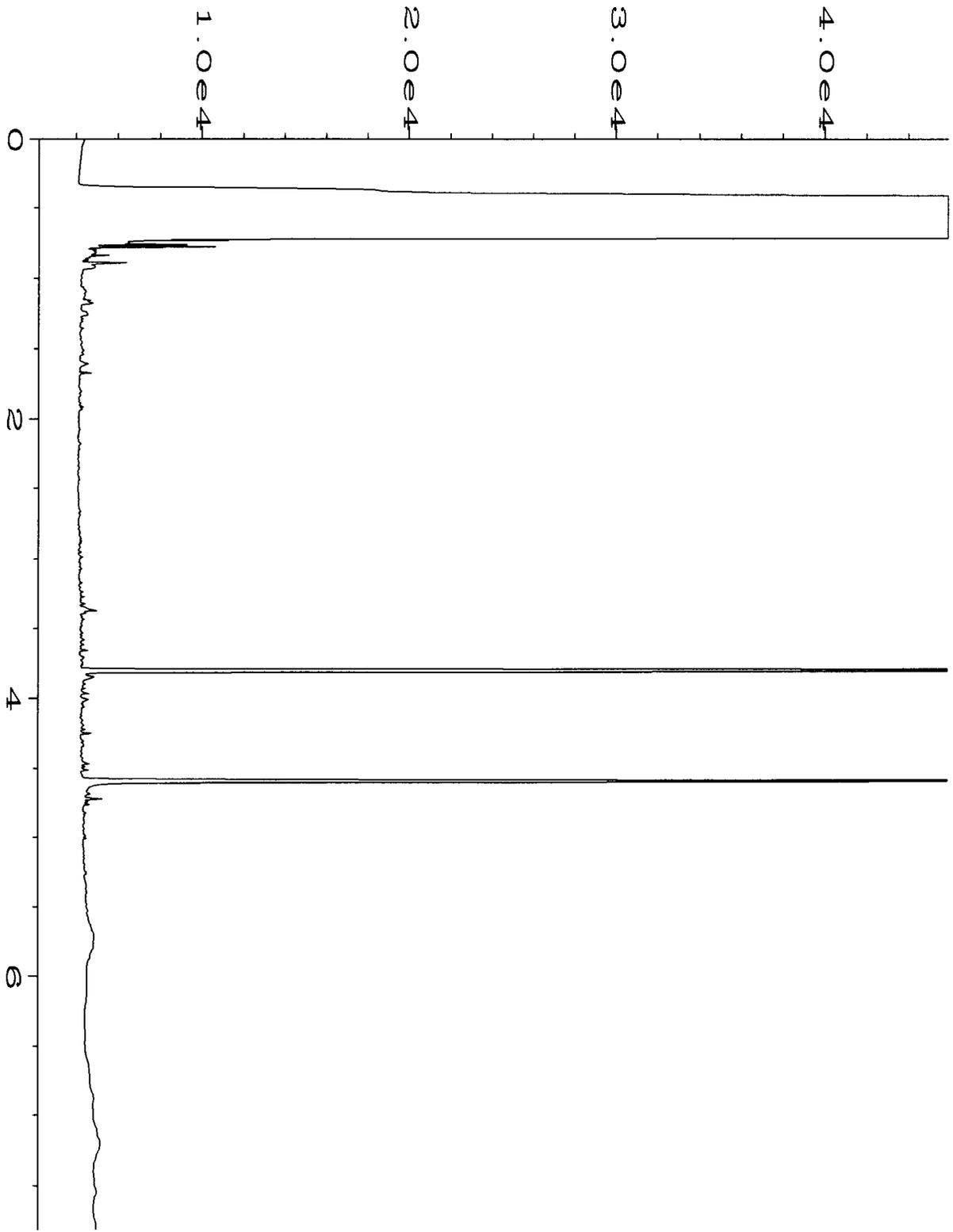
Data File Name	: C:\HPCHEM\6\DATA\10-07-14\035F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 35
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410115-05	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 08:09 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:41 AM		



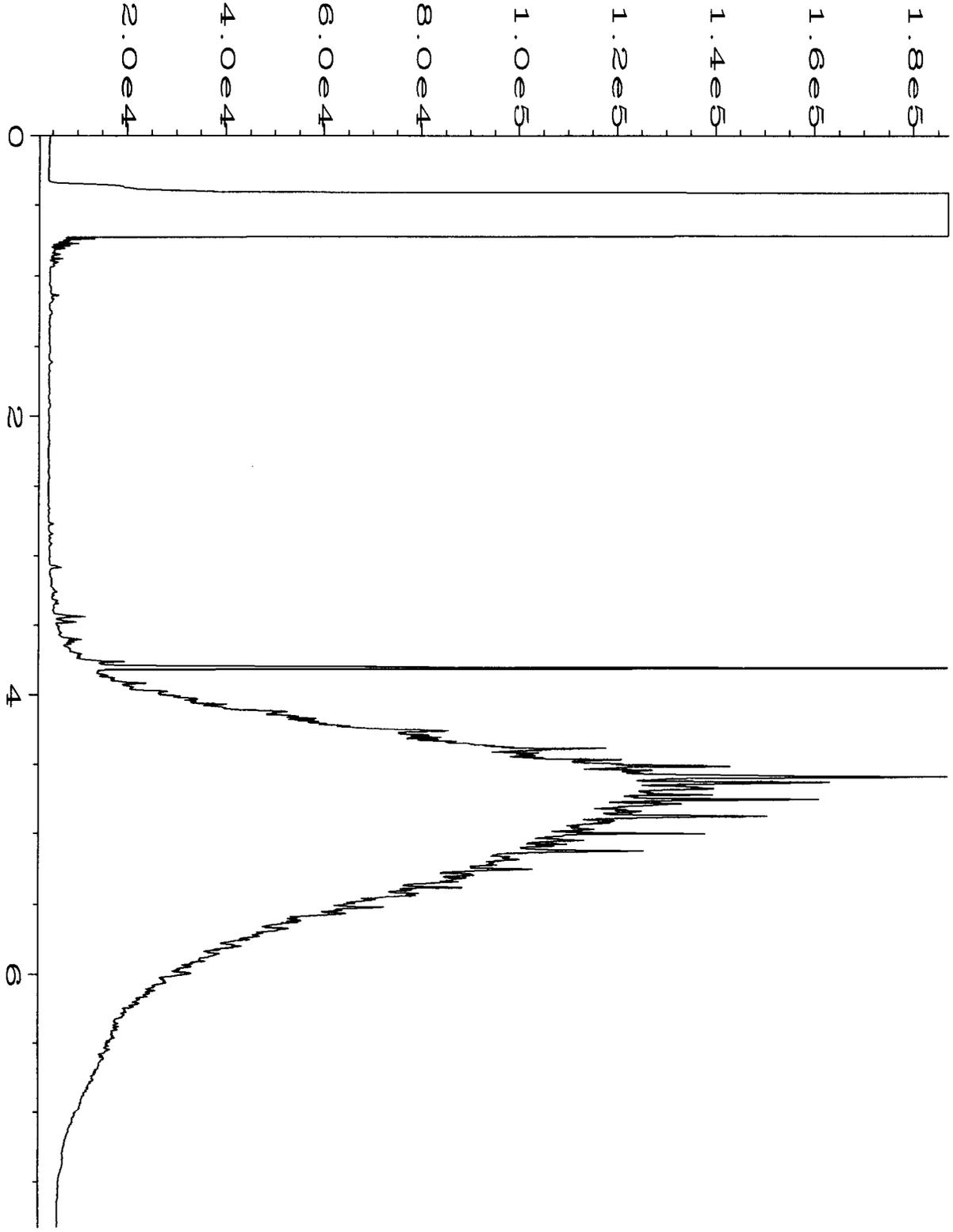
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Operator	: mwdl	Vial Number	: 36
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410115-06	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 08:22 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:41 AM		



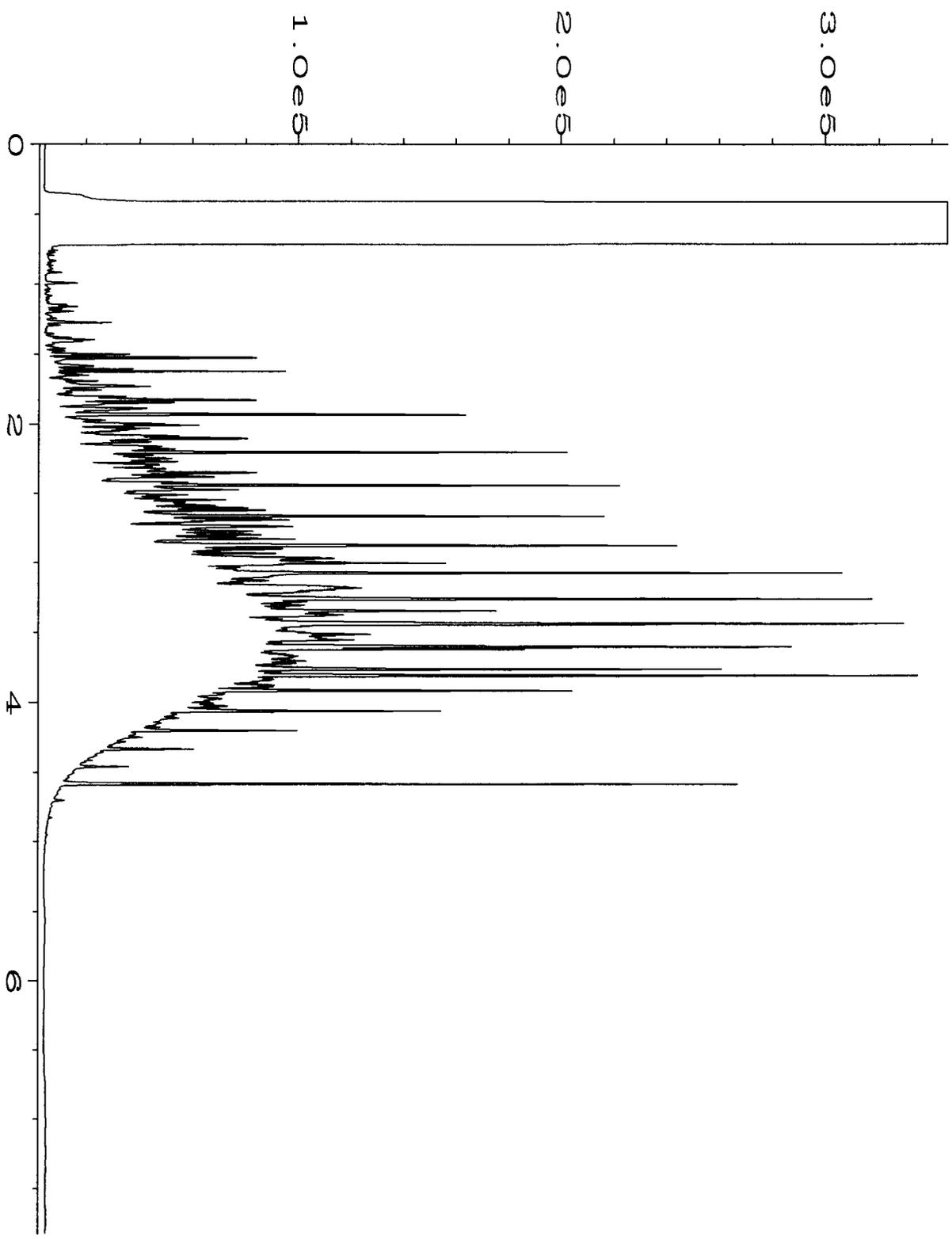
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Operator	: mwdl	Vial Number	: 37
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410115-09	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 08:35 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:41 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\019F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2033 mb2	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 04:46 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\004F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:06 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-07-14\005F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 07 Oct 14 02:19 PM	Analysis Method	: DX.MTH
Report Created on:	08 Oct 14 09:39 AM		

410115

SAMPLE CHAIN OF CUSTODY ME 10/7/14

A03/V53

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <u>α = Run per RTR on 10/7/14</u>	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
II1WSW-72	II1 wsw	72'	01 ^{ME}	10/6/14	0855	SOIL	4/5					X	
JJ1SSW-72	JJ1 wsw	72'	02		0908	SOIL	4					X	
JJ2SSW-73	JJ2 ssw	73'	03		0918	SOIL	4					X	
JJ8SSW-75	JJ8 ssw	75'	04		0930	SOIL	4					X	
EE1WSW-72	EE1 wsw	72'	05		0940	SOIL	4	⊗	⊗	⊗	⊗	X	
DD1WSW-71	DD1 wsw	71'	06		1300	SOIL	4	⊗	⊗	⊗	⊗	X	
JJ13SSW-75	JJ13 ssw	75'	07		1310	SOIL	4					X	
JJ14SSW-75	JJ14 ssw	75'	08		1323	SOIL	4					X	
CC1WSW-73	CC1 wsw	73'	09		1330	SOIL	4	⊗	⊗	⊗	⊗	X	

JL 10/6/14

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
	JONATHAN LOEFFLER	SOUNDEARTH	10/7/14	1130
	Matt Bruya	FBI Inc	10/7/14	1130
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Samples received at <u>3</u> °C				

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

October 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 7, 2014 from the SOU_0731-004-05_20141007, F&BI 410119 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731-004-05 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410119-01	JJ14SSW-70
410119-02	JJ13SSW-70

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

Date Extracted: 10/09/14

Date Analyzed: 10/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-70 410119-01	<2	73
Method Blank 04-2012 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

Date Extracted: 10/09/14

Date Analyzed: 10/09/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ14SSW-70 410119-01	<50	<250	105
Method Blank 04-2043 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-70	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410119
Date Extracted:	10/09/14	Lab ID:	410119-01
Date Analyzed:	10/09/14	Data File:	100927.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20141007, F&BI 410119
Date Extracted:	10/09/14	Lab ID:	04-2024 mb
Date Analyzed:	10/09/14	Data File:	100911.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

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

Laboratory Code: 410157-01 (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	77	76	73-135	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	79	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410087-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	49	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	63	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	61	66	11-103	8
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	84	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	77	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	80	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	86	25-120	7
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	80	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	84	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	75	78	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	82	30-112	4
Toluene	mg/kg (ppm)	2.5	<0.05	78	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	79	81	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	89	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	90	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	92	38-113	6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410119

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	87	42-107
Chloroethane	mg/kg (ppm)	2.5	93	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	96	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	106	72-116
Benzene	mg/kg (ppm)	2.5	97	75-107
Trichloroethene	mg/kg (ppm)	2.5	100	72-107
Toluene	mg/kg (ppm)	2.5	99	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	101	77-110
Ethylbenzene	mg/kg (ppm)	2.5	106	81-114
m,p-Xylene	mg/kg (ppm)	5	109	82-115
o-Xylene	mg/kg (ppm)	2.5	107	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

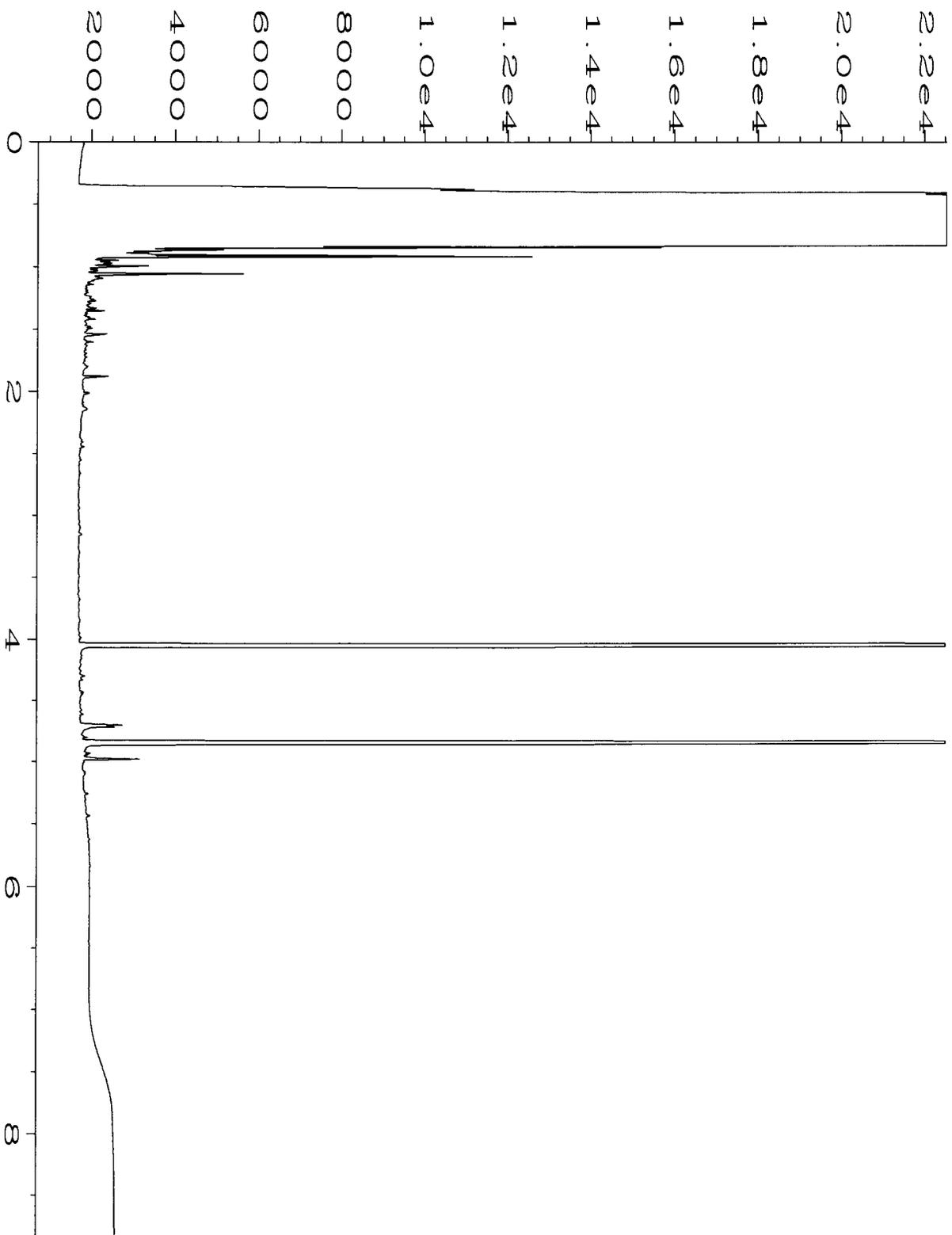
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

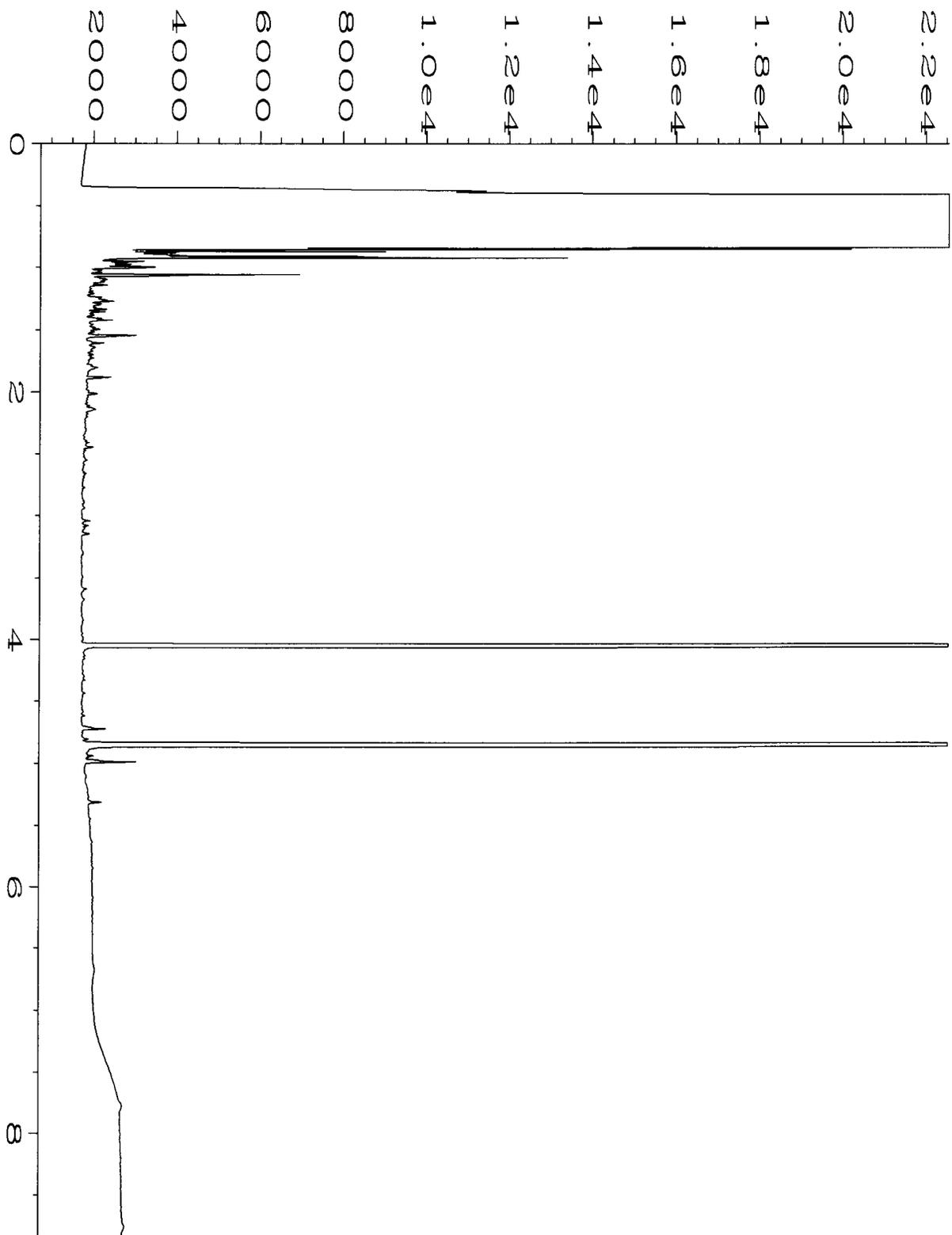
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

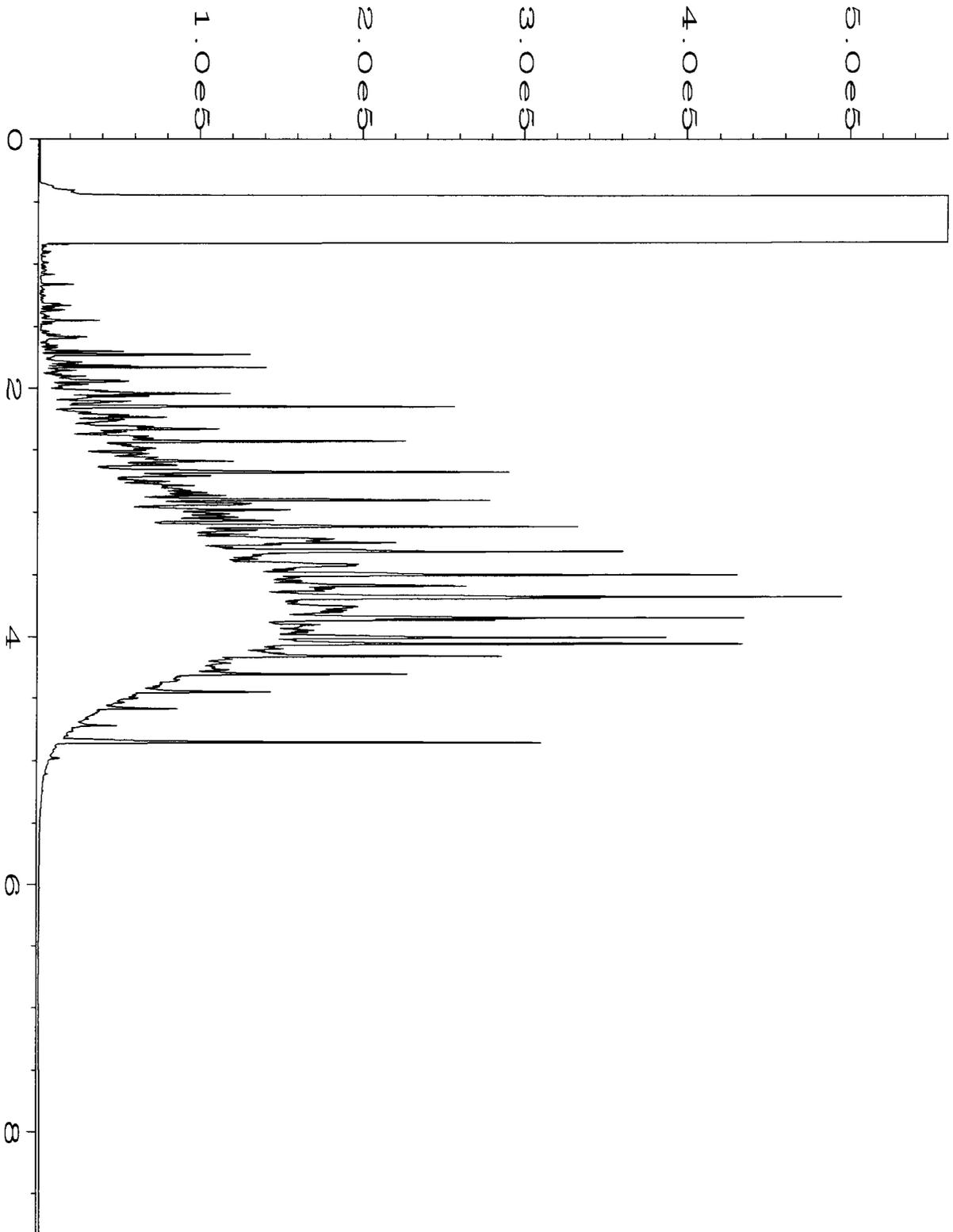
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



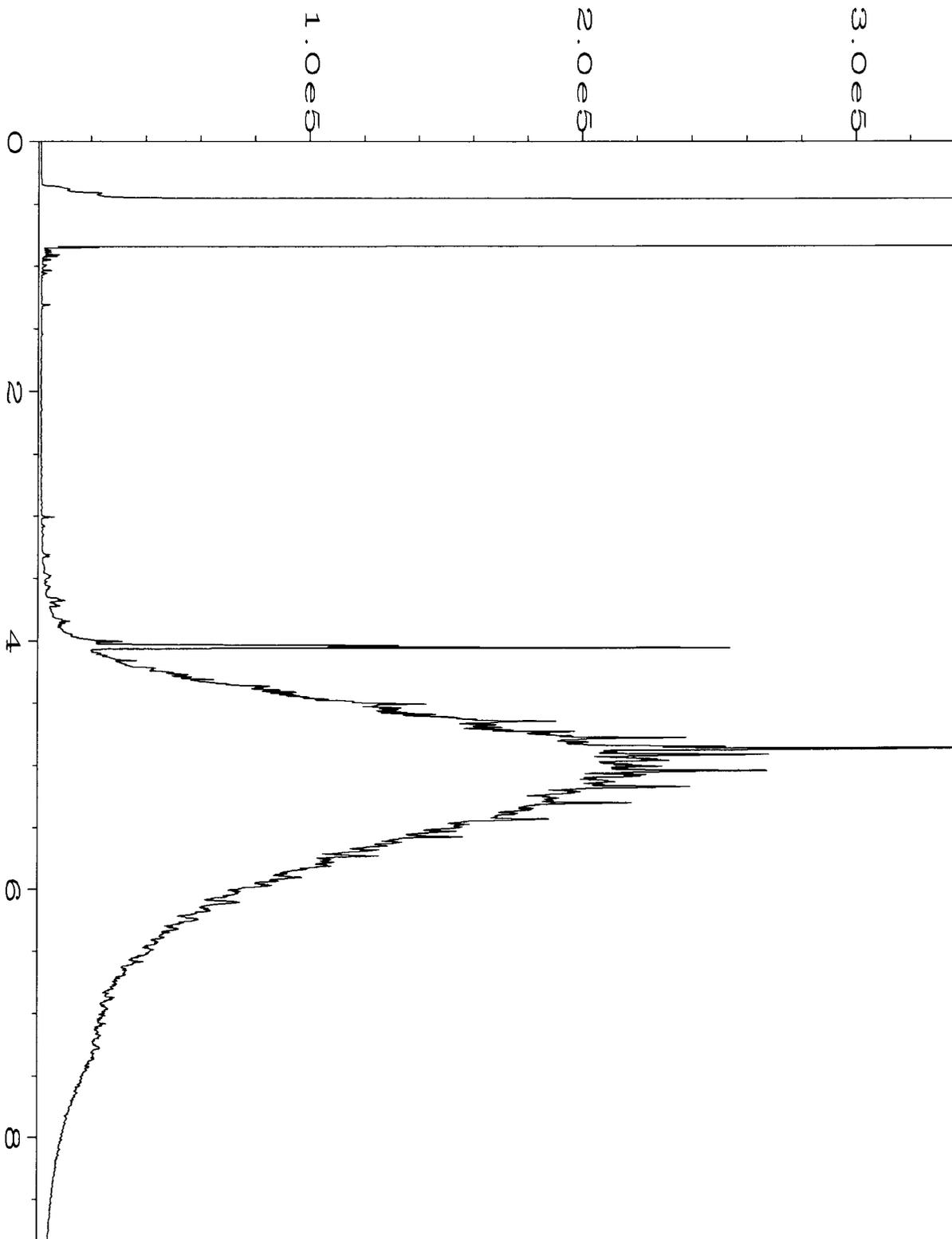
Data File Name	: C:\HPCHEM\4\DATA\10-09-14\033F0701.D	Page Number	: 1
Operator	: ME	Vial Number	: 33
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410119-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 05:30 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:51 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\020F0501.D	Page Number	: 1
Operator	: ME	Vial Number	: 20
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2043 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 01:55 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\005F0601.D	Page Number	: 1
Operator	: ME	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 03:21 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\004F0601.D	Page Number	: 1
Operator	: ME	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 03:06 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:49 AM		

410119

SAMPLE CHAIN OF CUSTODY

ME 10/7/14

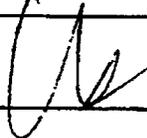
VSI/AOI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

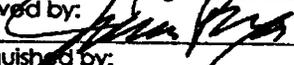
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS D=Run per JKan 10/9/14	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Ox	BTEX by EPA 8021B	DIRPHORPH by NWTPH-Dx	eVOCs by EPA 8260C	Other	Notes
JJ14SW-70	JJ14	70	01	10/7/14	1125	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
JJ13EW-70	JJ13	70	02	10/7/14	1135	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
CP 10/7/14													
Samples received at: 4°C													

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: 	Courtney Porter	SoundEarth	10/7/14	1450
Received by: 	JAMES BRUYA	F & B	10/7/14	1450
Relinquished by:				
Received by:				

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

October 8, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 7, 2014 from the SOU_0731-004-05_20141007, F&BI 410120 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1008R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 7, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141007, F&BI 410120 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410120 -01	V3-40
410120 -02	V3-35
410120 -03	V3-30
410120 -04	V3-26
410120 -05	Y3-40
410120 -06	Y3-35
410120 -07	Y3-30
410120 -08	Duplicate19

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V3-40	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-01
Date Analyzed:	10/07/14	Data File:	100726.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V3-35	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-02
Date Analyzed:	10/07/14	Data File:	100727.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V3-30	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-03
Date Analyzed:	10/07/14	Data File:	100728.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.037

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V3-26	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-04
Date Analyzed:	10/07/14	Data File:	100729.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-40	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-05
Date Analyzed:	10/07/14	Data File:	100730.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-35	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-06
Date Analyzed:	10/07/14	Data File:	100731.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y3-30	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-07
Date Analyzed:	10/07/14	Data File:	100732.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate19	Client:	SoundEarth Strategies
Date Received:	10/07/14	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	410120-08
Date Analyzed:	10/07/14	Data File:	100733.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141007, F&BI 410120
Date Extracted:	10/07/14	Lab ID:	04-2020 mb
Date Analyzed:	10/07/14	Data File:	100716.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/08/14

Date Received: 10/07/14

Project: SOU_0731-004-05_20141007, F&BI 410120

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410120-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	10-138
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	10-176
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	10-160
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	10-156
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	14-137
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	82	19-140
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	25-135
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	12-160
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	10-156
Trichloroethene	mg/kg (ppm)	2.5	<0.02	94	21-139
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	20-133

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	82	73	22-139	12
Chloroethane	mg/kg (ppm)	2.5	86	80	10-163	7
1,1-Dichloroethene	mg/kg (ppm)	2.5	95	92	47-128	3
Methylene chloride	mg/kg (ppm)	2.5	97	97	42-132	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	93	67-127	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	98	95	68-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	95	72-113	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	94	56-135	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	93	62-131	2
Trichloroethene	mg/kg (ppm)	2.5	93	91	64-117	2
Tetrachloroethene	mg/kg (ppm)	2.5	94	95	72-114	1

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410120

SAMPLE CHAIN OF CUSTODY

ME 10/7/14

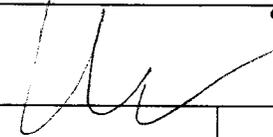
VSZ

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hr.
 Rush charges authorized by:
P. L. King

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
V3-40	V3	40	015	10/7/14	1320	Soil					X	
V3-35	V3	35	02	10/7/14	1330	Soil					X	
V3-30	V3	30	03	10/7/14	1335	Soil					X	
V3-26	Y3	26	04	10/7/14	1340	Soil					X	
Y3-40	Y3	40	05	10/7/14	1400	Soil					X	
Y3-35	Y3	35	06	10/7/14	1405	Soil					X	
Y3-30	Y3	30	07	10/7/14	1415	Soil					X	
Duplicate 19			08	10/7/14	1410	Soil					X	

CS 10/7/14

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

Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	Courtney Porter	SoundEarth	10/7/14	1450
Received by: 	Jane Bruya	F&B	10/7/14	1450
Relinquished by:				
Received by:				

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

October 9, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 8, 2014 from the SOU_0731-004-05_20141008, F&BI 410138 project. There are 22 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1009R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141008, F&BI 410138 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410138 -01	W6-40
410138 -02	W6-35
410138 -03	W6-30
410138 -04	W10-40
410138 -05	W10-35
410138 -06	W10-30
410138 -07	Y10-35
410138 -08	Y10-30
410138 -09	V8-40
410138 -10	V8-35
410138 -11	V8-30
410138 -12	Duplicate20

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
W6-40 410138-01 1/20	1,500	ip
W6-35 410138-02 1/10	130	93
W6-30 410138-03 1/20	500	117
W10-40 410138-04 1/10	2,100	ip
W10-35 410138-05 1/10	1,800	ip
W10-30 410138-06 1/10	1,800	ip
Y10-35 410138-07 1/10	840	ip
Y10-30 410138-08 1/10	950	ip
V8-40 410138-09 1/10	270	131
V8-35 410138-10 1/2	8.2	93
V8-30 410138-11	<2	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Laboratory ID		
Duplicate20 410138-12	<2	89
Method Blank 04-2012 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
W6-40 410138-01	<50	<250	96
W6-35 410138-02	<50	<250	96
W6-30 410138-03	<50	<250	100
W10-40 410138-04	190 x	<250	97
W10-35 410138-05	79 x	<250	99
W10-30 410138-06	140 x	<250	98
Y10-35 410138-07	97 x	<250	98
Y10-30 410138-08	<50	<250	96
V8-40 410138-09	<50	<250	99
V8-35 410138-10	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

Date Extracted: 10/08/14

Date Analyzed: 10/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
V8-30 410138-11	<50	<250	98
Duplicate20 410138-12	<50	<250	97
Method Blank 04-2038 MB	<50	<250	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W6-40	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-01
Date Analyzed:	10/09/14	Data File:	100837.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	89	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	2.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W6-35	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-02
Date Analyzed:	10/08/14	Data File:	100836.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.20

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W6-30	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-03
Date Analyzed:	10/09/14	Data File:	100843.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.22

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W10-40	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-04
Date Analyzed:	10/09/14	Data File:	100842.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	90	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.055
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W10-35	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-05
Date Analyzed:	10/09/14	Data File:	100840.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	90	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W10-30	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-06
Date Analyzed:	10/09/14	Data File:	100844.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-35	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-07
Date Analyzed:	10/09/14	Data File:	100841.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	87	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-30	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-08
Date Analyzed:	10/09/14	Data File:	100839.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V8-40	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-09
Date Analyzed:	10/09/14	Data File:	100838.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	109	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	91	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	0.053
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V8-35	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-10
Date Analyzed:	10/08/14	Data File:	100835.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V8-30	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-11
Date Analyzed:	10/08/14	Data File:	100833.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate20	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	410138-12
Date Analyzed:	10/08/14	Data File:	100834.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141008, F&BI 410138
Date Extracted:	10/08/14	Lab ID:	04-2022 mb
Date Analyzed:	10/08/14	Data File:	100822.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

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

Laboratory Code: 410128-01 (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	85	63-146	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	85	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/09/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410138

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410138-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	18	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	27	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	27	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	36	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	35	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	38	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	40	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	41	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	39	27-112
Benzene	mg/kg (ppm)	2.5	<0.03	37	26-114
Trichloroethene	mg/kg (ppm)	2.5	<0.02	39	30-112
Toluene	mg/kg (ppm)	2.5	<0.05	38	34-112
Tetrachloroethene	mg/kg (ppm)	2.5	2.2	19 b	27-110
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	44	38-111
m,p-Xylene	mg/kg (ppm)	5	<0.1	45	38-112
o-Xylene	mg/kg (ppm)	2.5	<0.05	47	38-113

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	70	42-107	3
Chloroethane	mg/kg (ppm)	2.5	82	81	47-115	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	83	65-110	4
Methylene chloride	mg/kg (ppm)	2.5	96	96	62-119	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	92	71-113	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	94	76-109	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	97	77-110	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	94	80-109	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	97	72-116	2
Benzene	mg/kg (ppm)	2.5	90	90	75-107	0
Trichloroethene	mg/kg (ppm)	2.5	95	94	72-107	1
Toluene	mg/kg (ppm)	2.5	94	91	79-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	96	94	77-110	2
Ethylbenzene	mg/kg (ppm)	2.5	100	99	81-114	1
m,p-Xylene	mg/kg (ppm)	5	102	102	82-115	0
o-Xylene	mg/kg (ppm)	2.5	101	100	81-116	1

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

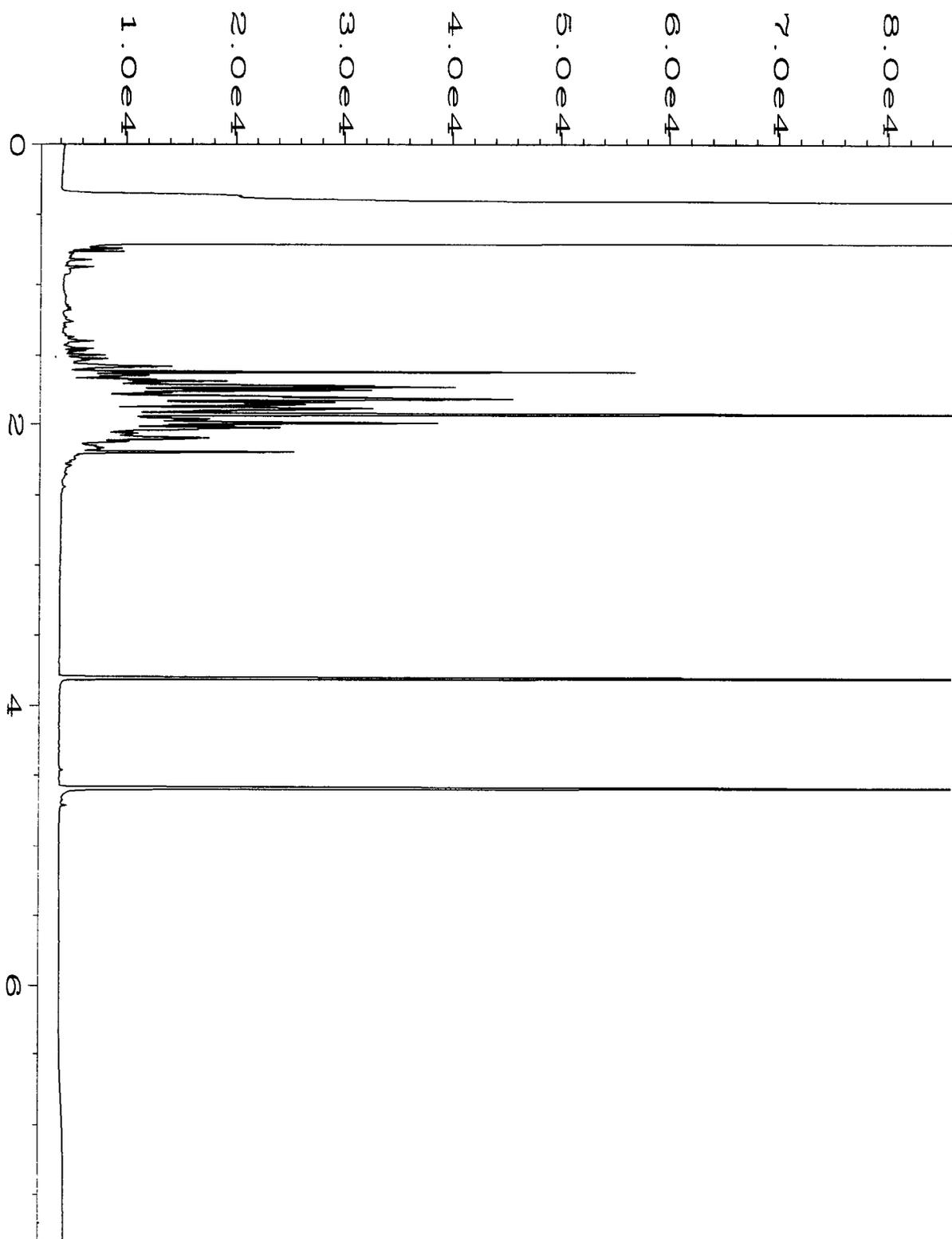
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

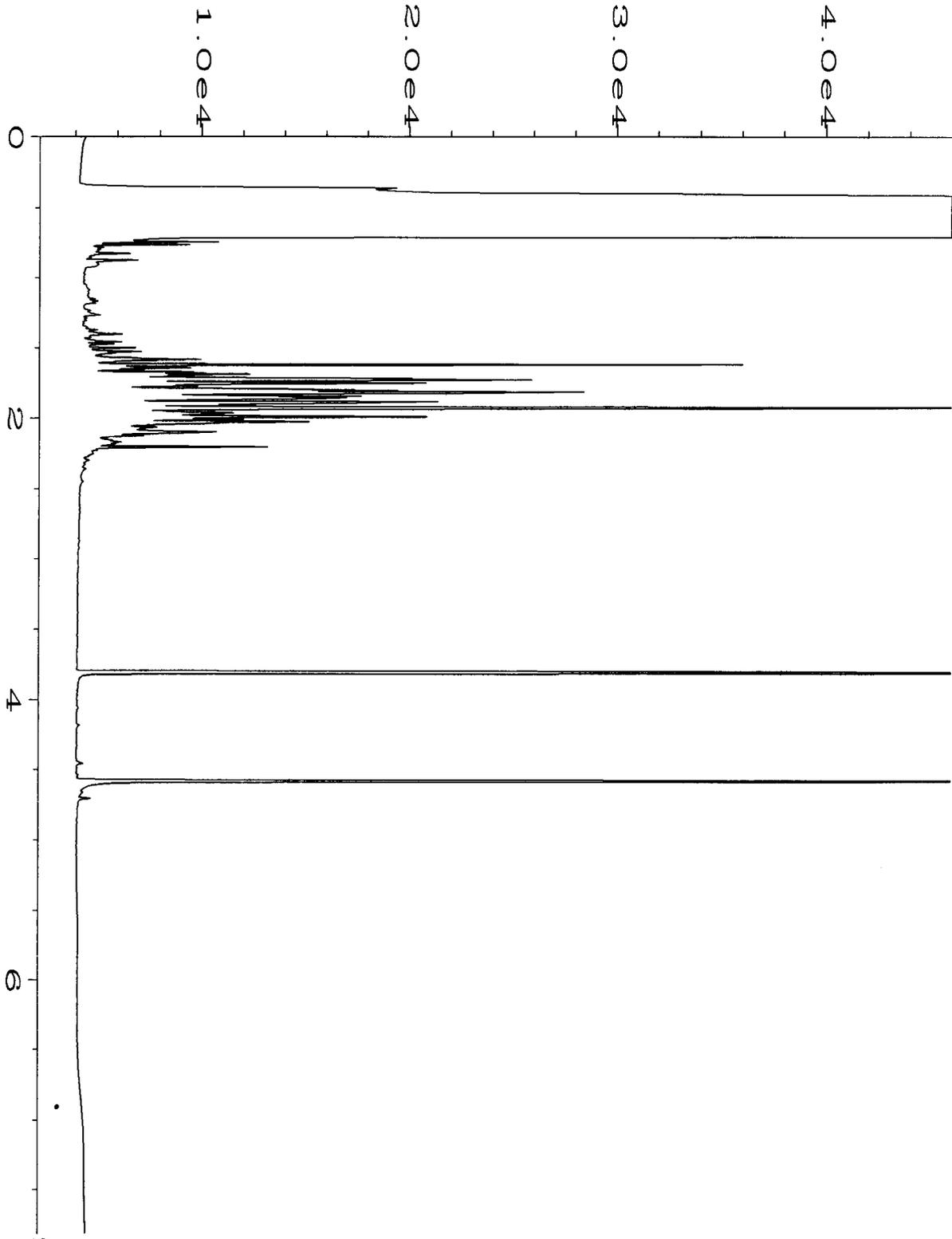
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

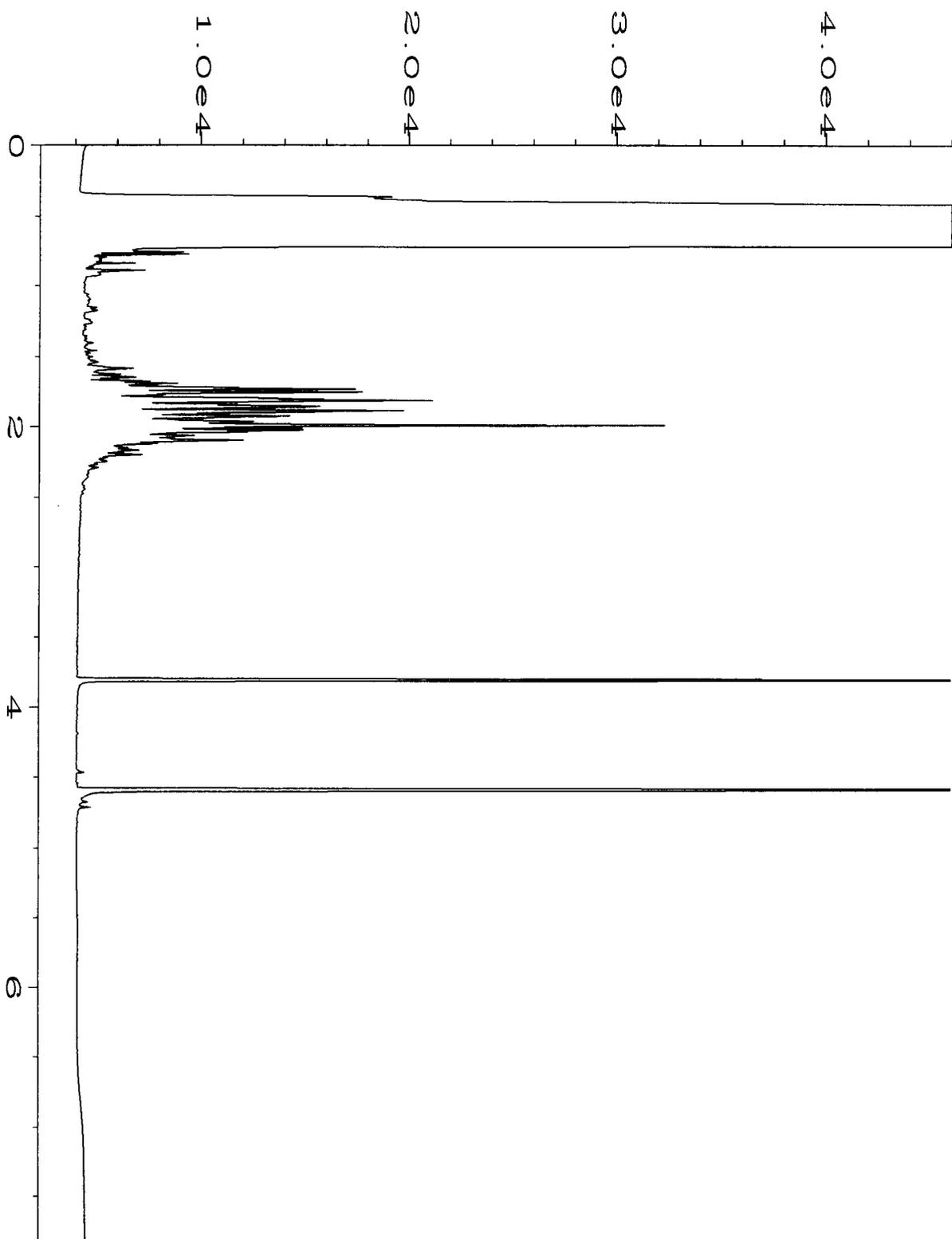
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



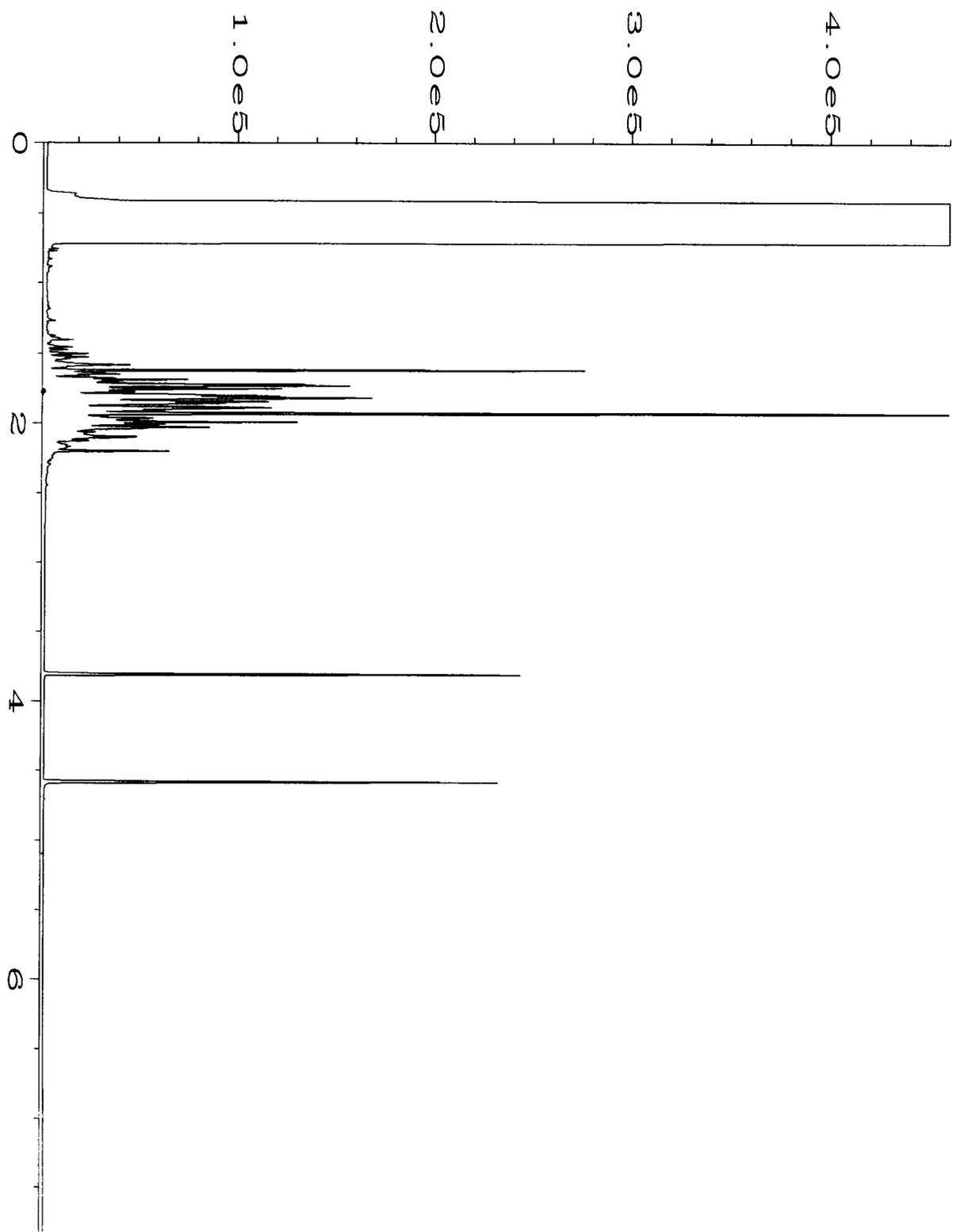
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Sample Name	: 410138-01	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 05:01 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



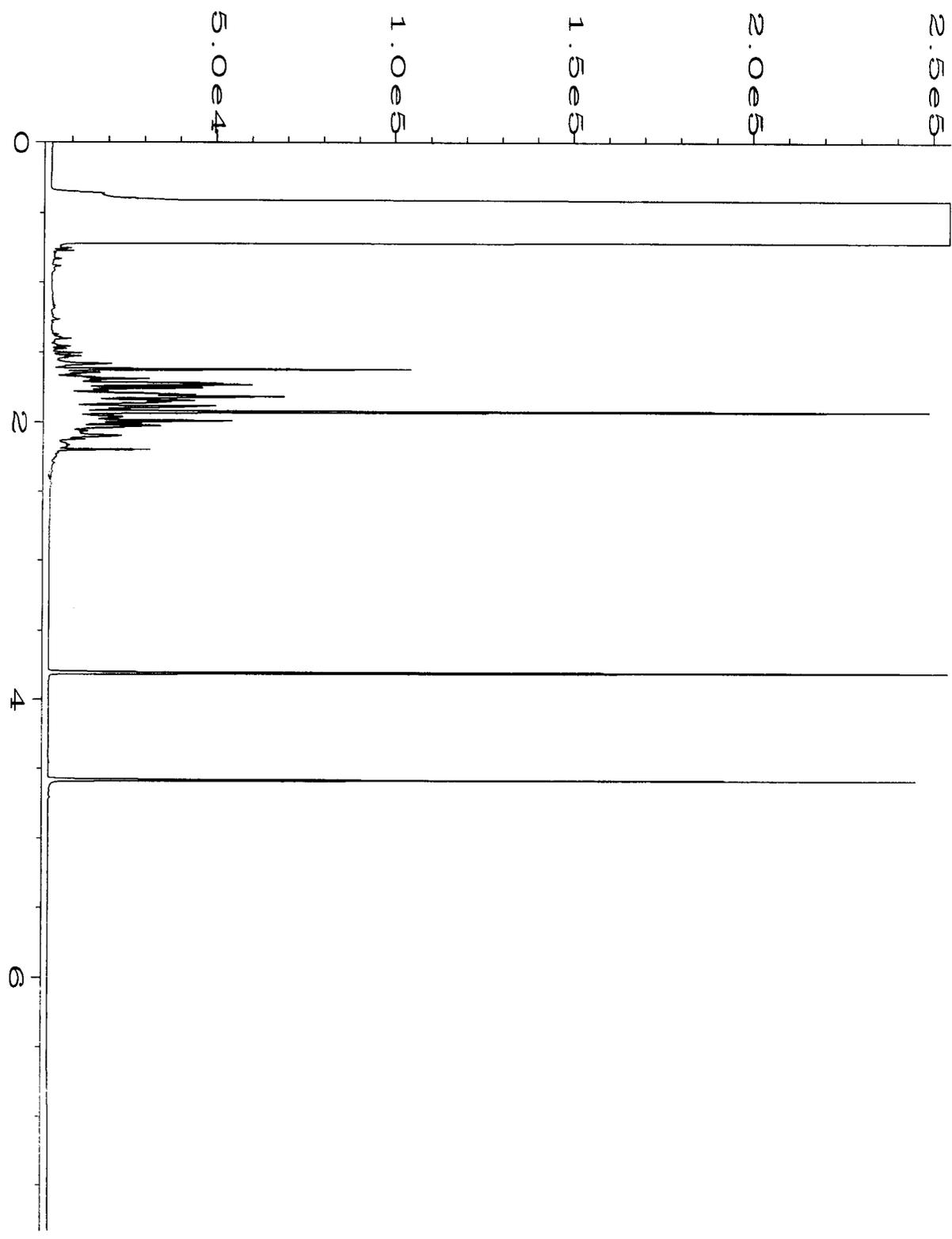
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 05:14 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



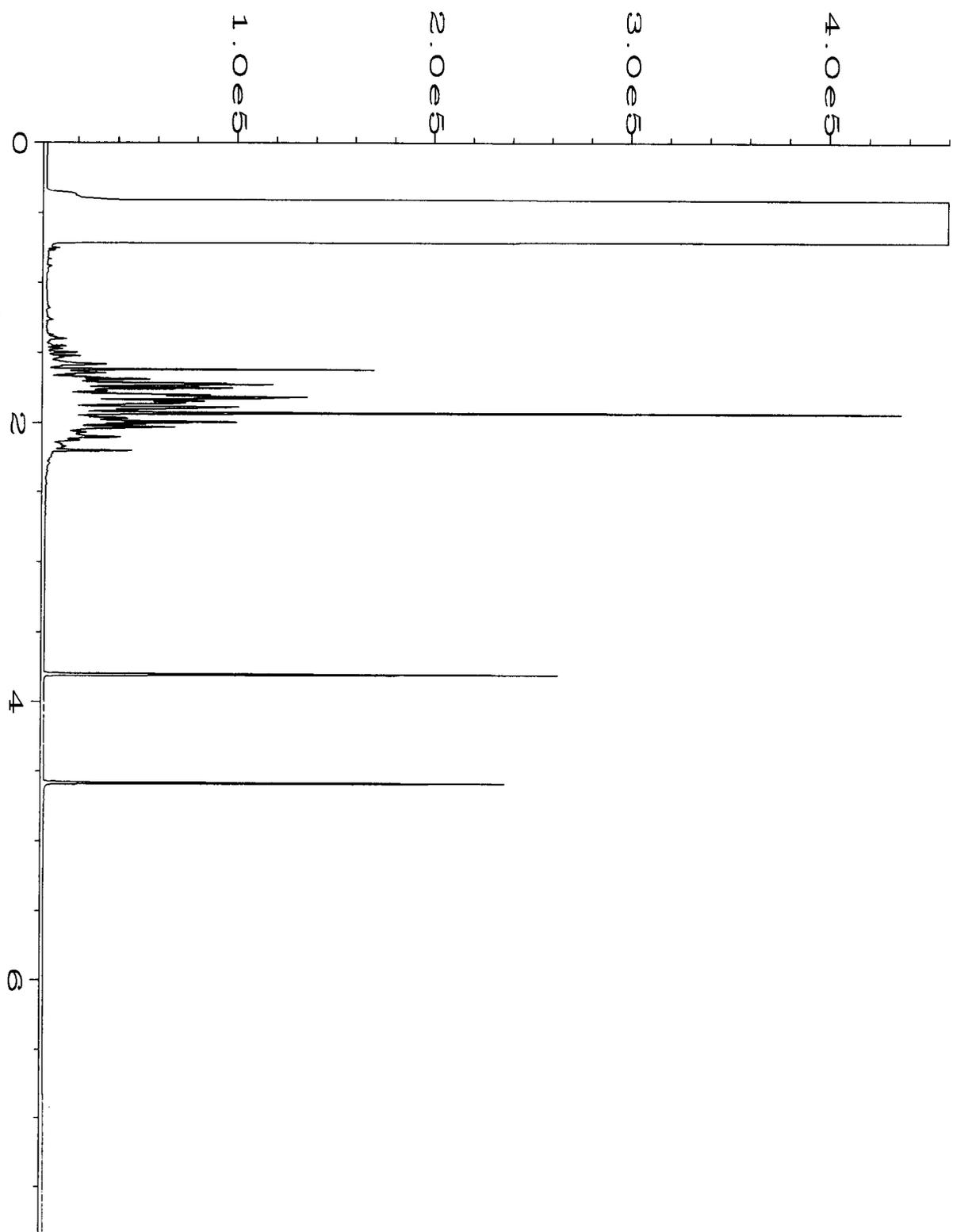
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-03	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 05:27 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



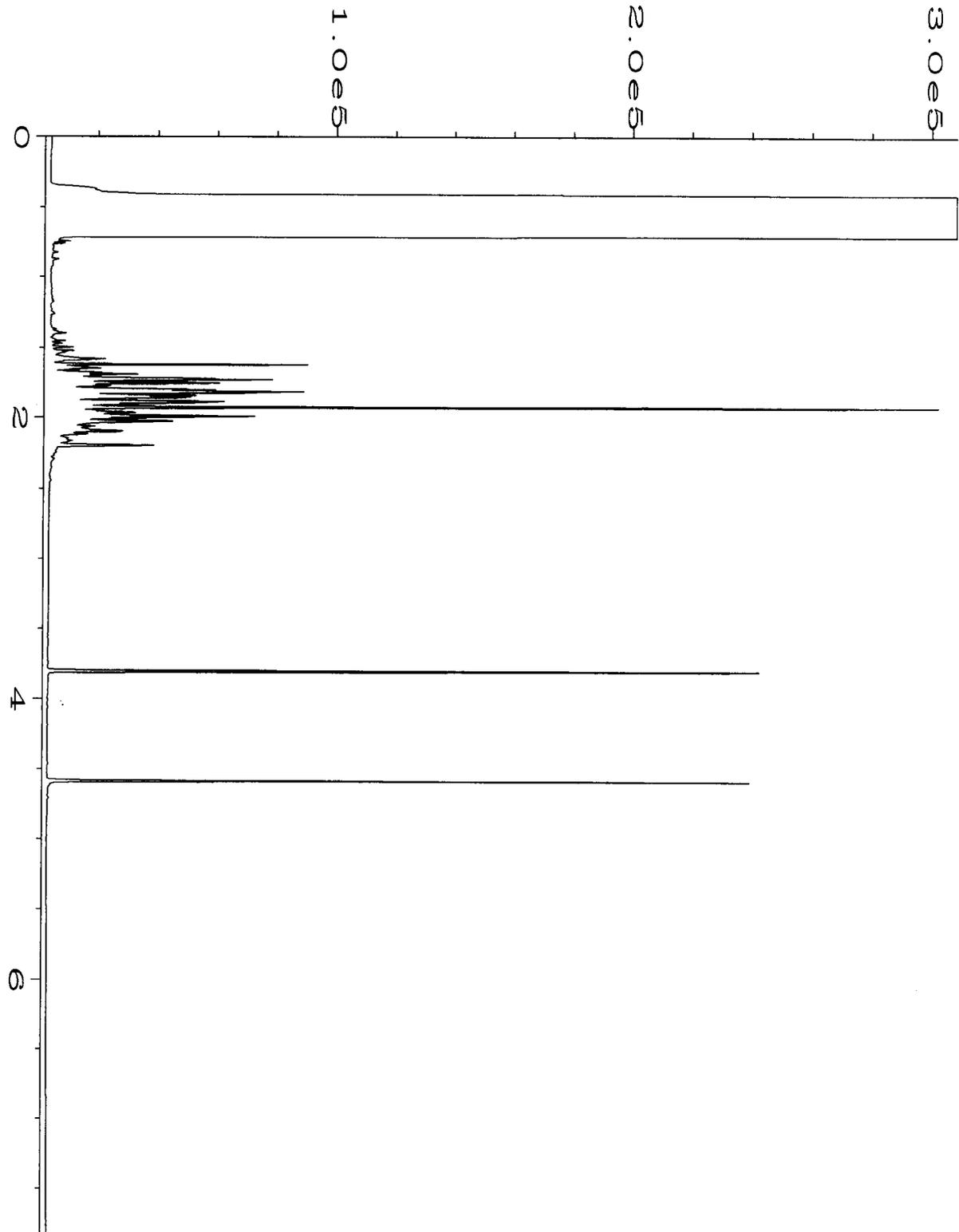
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-04	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 05:40 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



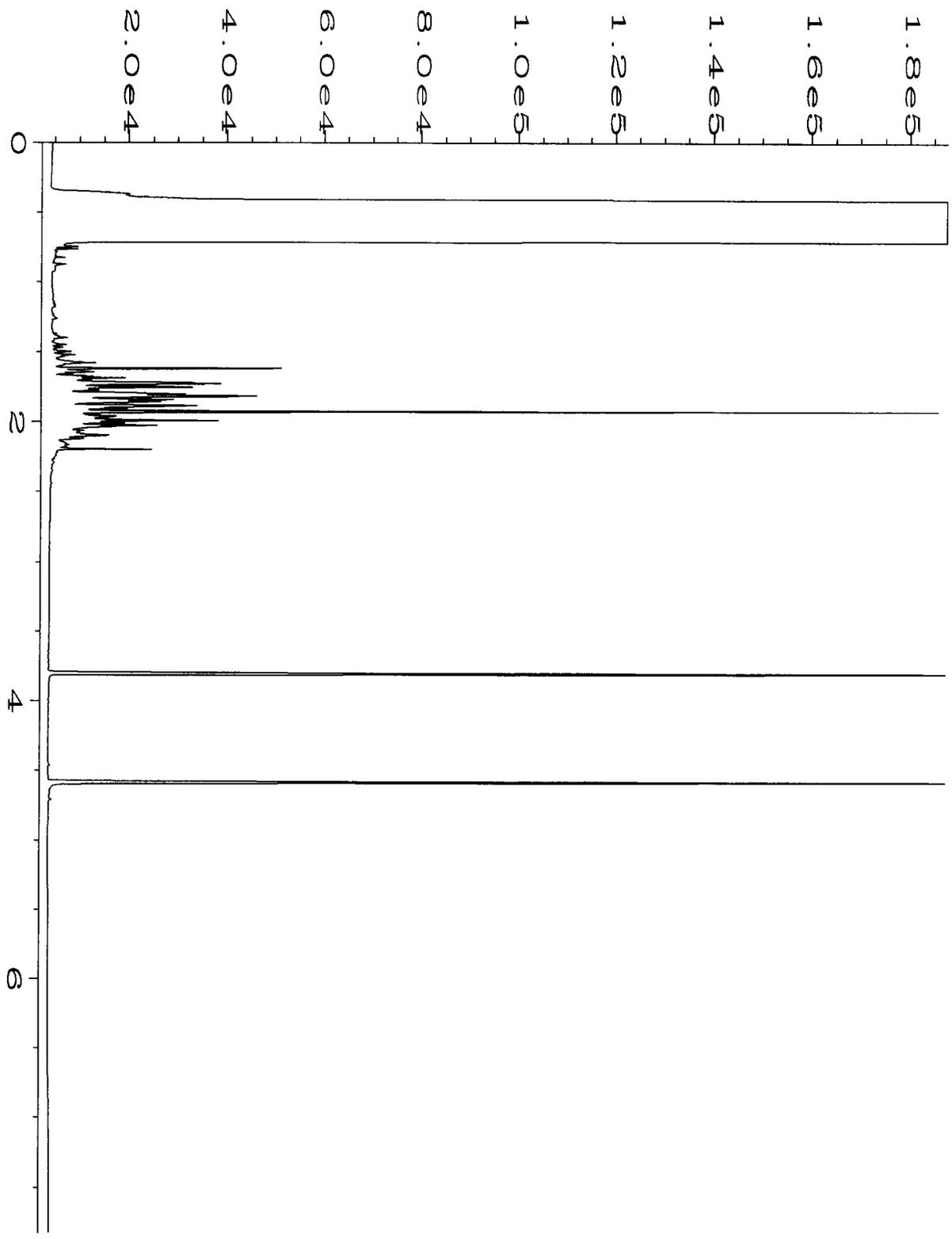
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-05	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 05:53 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



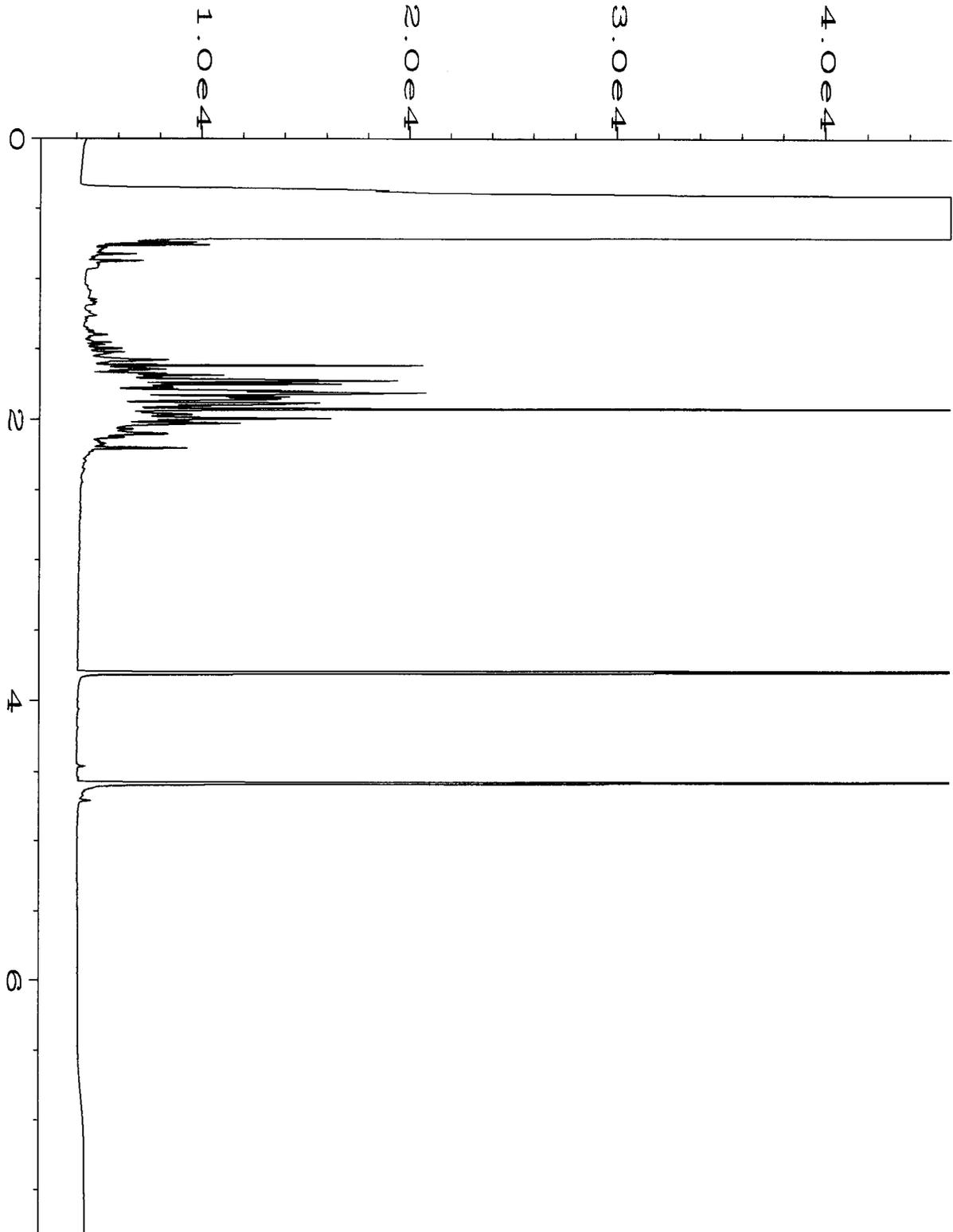
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-06	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 06:05 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:54 AM		



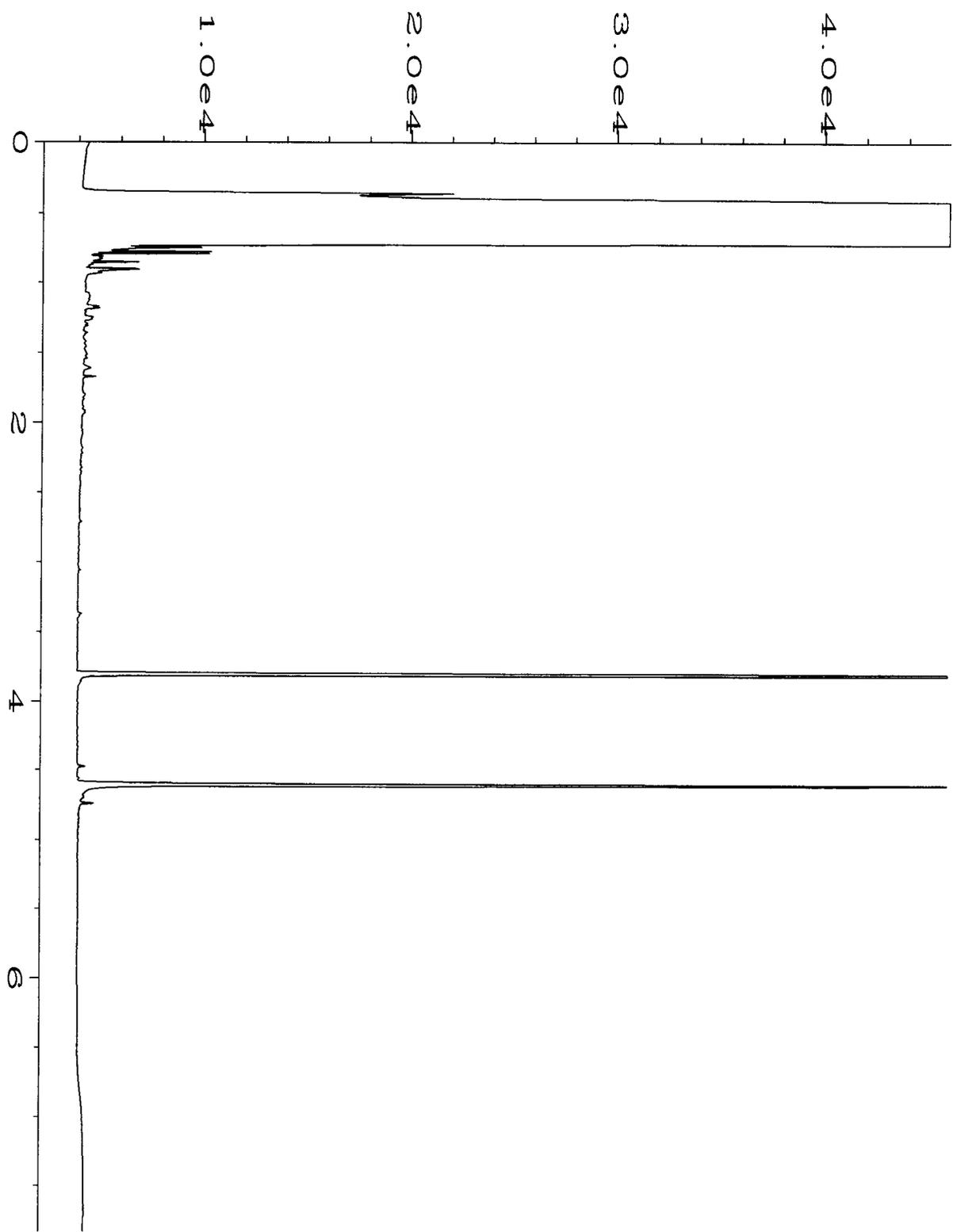
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Operator	: sp	Vial Number	: 31
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-07	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 06:18 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:54 AM		



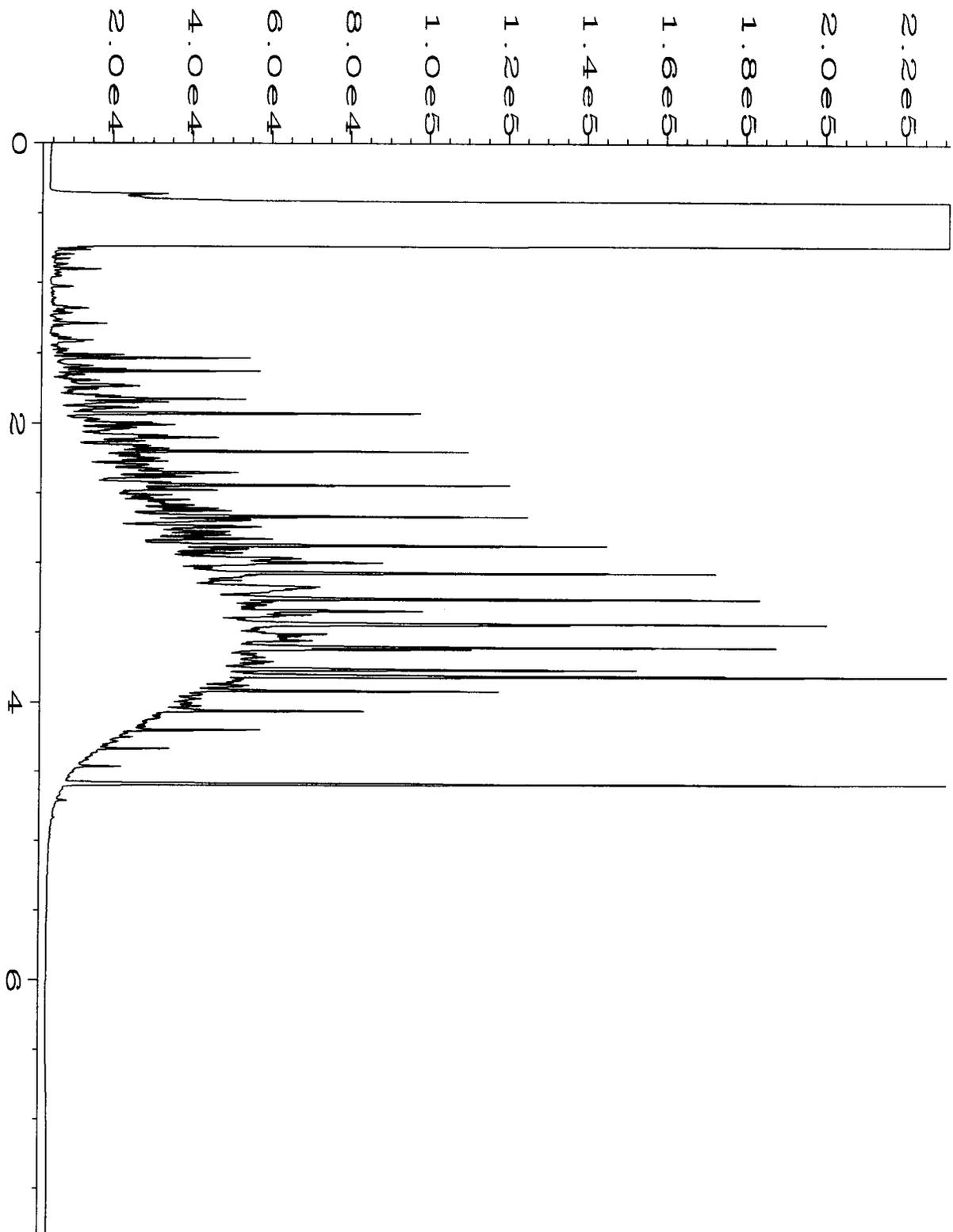
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Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-08	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 06:31 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:54 AM		



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Operator	: sp	Vial Number	: 33
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410138-09	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 06:44 PM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:54 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-08-14\010F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 10
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2036 mb2	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:53 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-08-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Oct 14 08:08 AM	Analysis Method	: DX.MTH
Report Created on:	09 Oct 14 08:52 AM		

410138

SAMPLE CHAIN OF CUSTODY

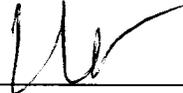
ME 10/8/14 152

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

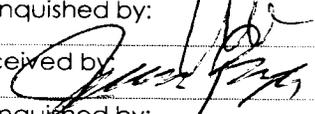
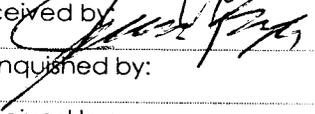
TURNAROUND TIME
Standard (2 Weeks)
 RUSH 2 hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
W6-40	W6	40	01 ^{AD}	10/8/14	1330	Soil	4	X	X	X	X	
W6-35	W6	35	02	10/8/14	1335	Soil	4	X	X	X	X	
W6-30	W6	30	03	10/8/14	1340	Soil	4	X	X	X	X	
W10-40	W10	40	04	10/8/14	1400	Soil	4	X	X	X	X	
W10-35	W10	35	05	10/8/14	1405	Soil	4	X	X	X	X	
W10-30	W10	30	06	10/8/14	1410	Soil	4	X	X	X	X	
Y10-35	W10 Y10	35	07	10/8/14	1430	Soil	4	X	X	X	X	
Y10-30	Y10	30	08	10/8/14	1435	Soil	4	X	X	X	X	
V8-40	V8	40	09	10/8/14	1455	Soil	4	X	X	X	X	
V8-35	V8	35	10	10/8/14	1400	Soil	4	X	X	X	X	
V8-30	V8	30	11	10/8/14	1505	Soil	4	X	X	X	X	
Duplicate 20	V8	-	12	10/8/14	1510	Soil	4	X	X	X	X	

CR 10/8/14

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: 	Courtney Porter	SoundEarth	10/8/14	1530
Received by: 	James Bruya	F&B	10/8/14	1530
Relinquished by:				
Received by:		Samples received at <u>62</u> °C		

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

October 16, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 8, 2014 from the SOU_0731-004-05_20141008, F&BI 410139 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonthan Loeffler, Courtney Porter
SOU1016R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141008, F&BI 410139 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410139-01	U30ESW-78
410139-02	II1WSW-67
410139-03	JJ6SSW-75
410139-04	U30ESW-73

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410139

Date Extracted: 10/09/14

Date Analyzed: 10/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ6SSW-75 410139-03	<2	88
Method Blank 04-2012 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410139

Date Extracted: 10/09/14

Date Analyzed: 10/09/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ6SSW-75 410139-03	<50	<250	106
Method Blank 04-2043 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ6SSW-75	Client:	SoundEarth Strategies
Date Received:	10/08/14	Project:	SOU_0731-004-05_20141008, F&BI 410139
Date Extracted:	10/09/14	Lab ID:	410139-03
Date Analyzed:	10/09/14	Data File:	100928.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141008, F&BI 410139
Date Extracted:	10/09/14	Lab ID:	04-2024 mb
Date Analyzed:	10/09/14	Data File:	100911.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410139

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410139

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

Laboratory Code: 410157-01 (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	77	76	73-135	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	79	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/08/14

Project: SOU_0731-004-05_20141008, F&BI 410139

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410087-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	49	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	63	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	61	66	11-103	8
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	84	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	77	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	80	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	86	25-120	7
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	80	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	84	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	75	78	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	82	30-112	4
Toluene	mg/kg (ppm)	2.5	<0.05	78	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	79	81	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	89	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	90	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	92	38-113	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	87	42-107
Chloroethane	mg/kg (ppm)	2.5	93	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	96	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	102	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	106	72-116
Benzene	mg/kg (ppm)	2.5	97	75-107
Trichloroethene	mg/kg (ppm)	2.5	100	72-107
Toluene	mg/kg (ppm)	2.5	99	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	101	77-110
Ethylbenzene	mg/kg (ppm)	2.5	106	81-114
m,p-Xylene	mg/kg (ppm)	5	109	82-115
o-Xylene	mg/kg (ppm)	2.5	107	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

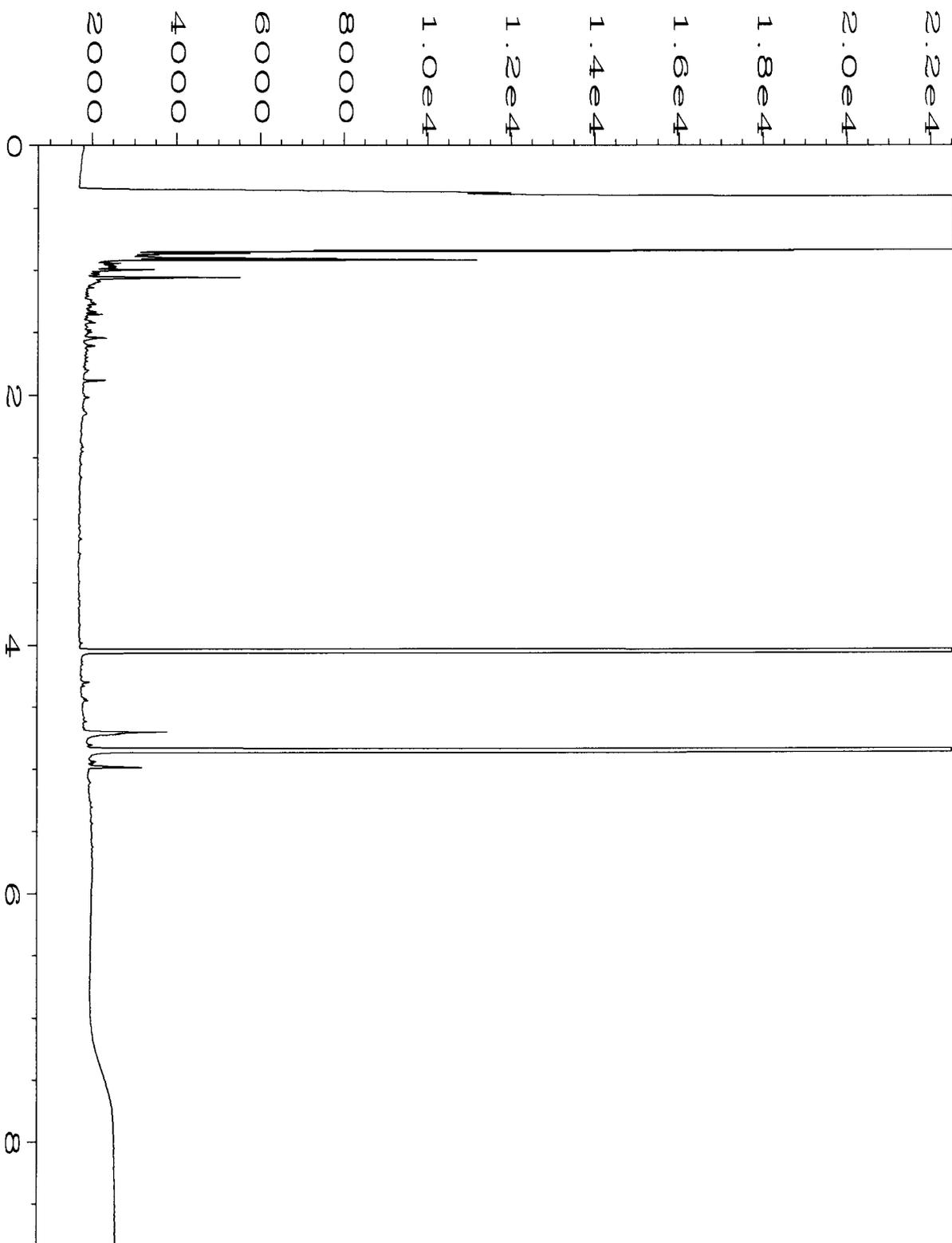
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

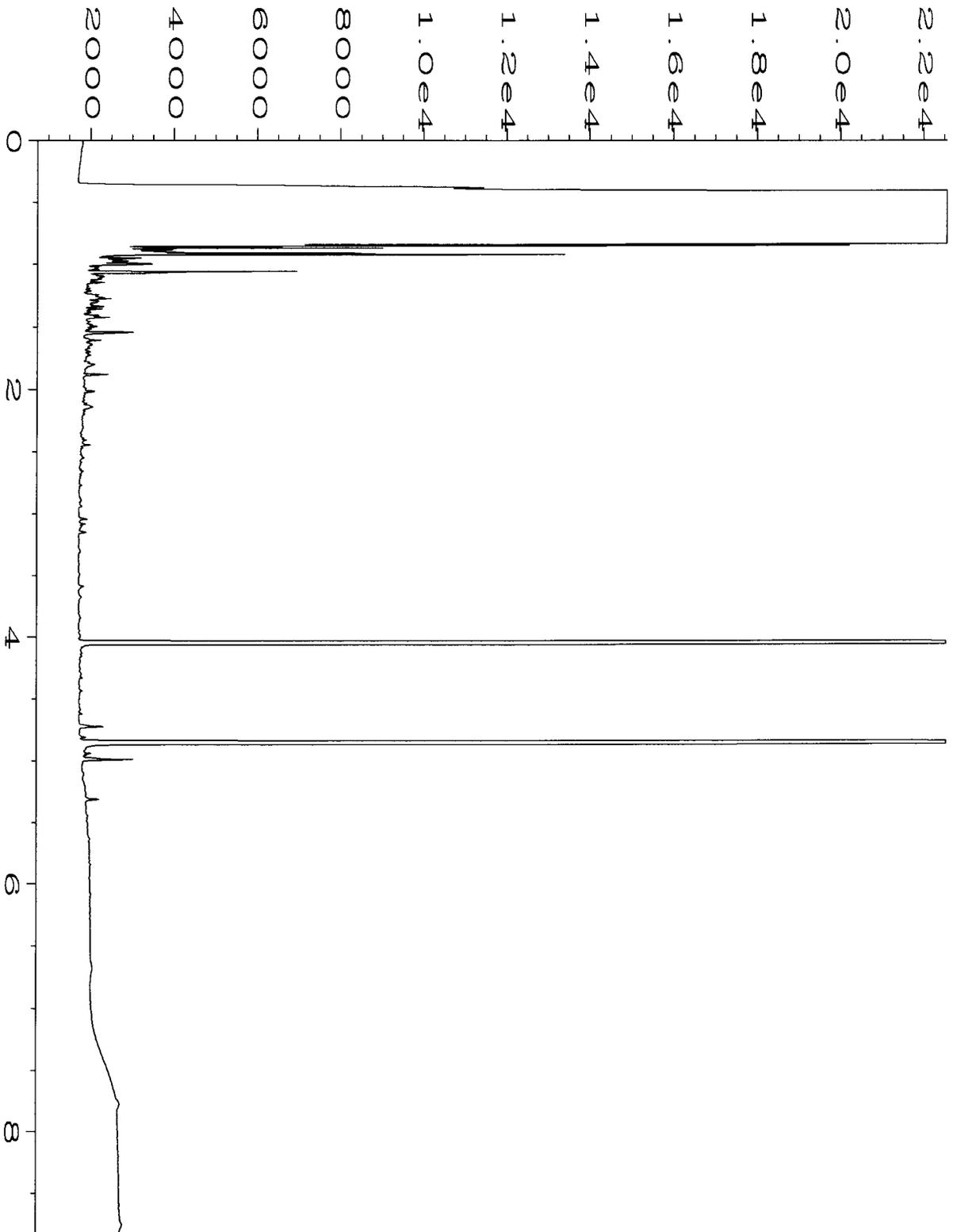
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

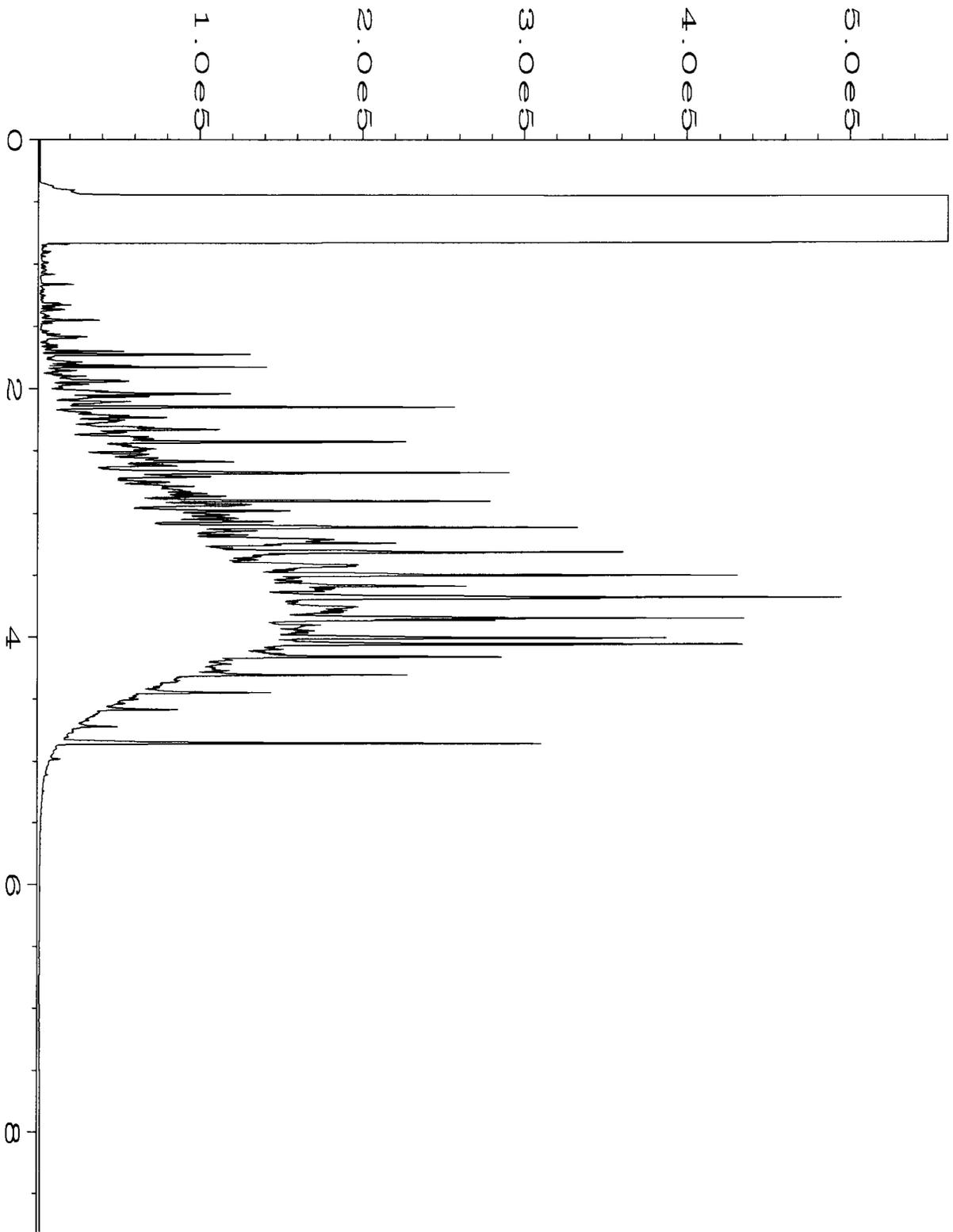
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



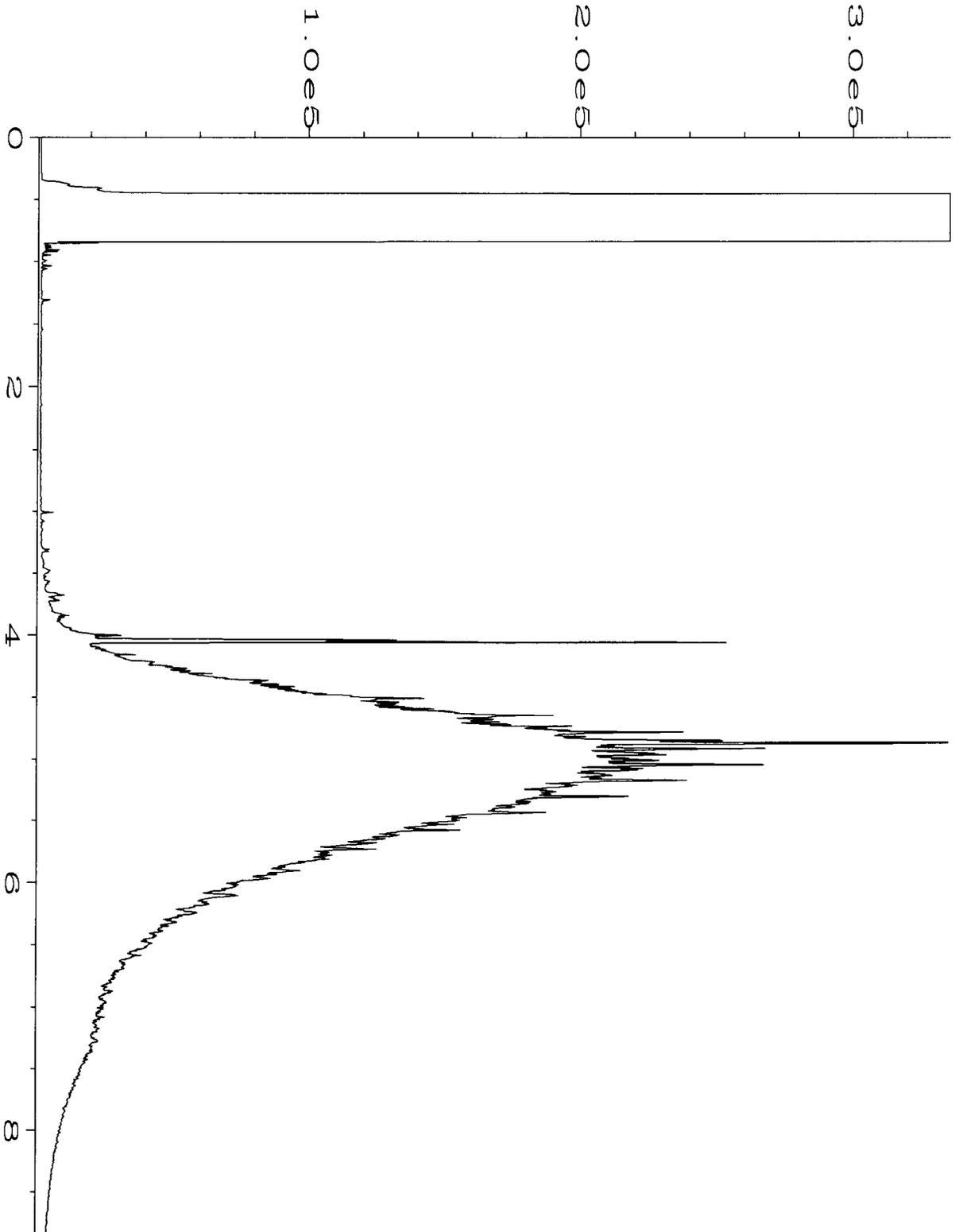
Data File Name	: C:\HPCHEM\4\DATA\10-09-14\034F0701.D	Page Number	: 1
Operator	: ME	Vial Number	: 34
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410139-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 05:44 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:51 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\020F0501.D	Page Number	: 1
Operator	: ME	Vial Number	: 20
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2043 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 01:55 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\005F0601.D	Page Number	: 1
Operator	: ME	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 03:21 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:50 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-09-14\004F0601.D	Page Number	: 1
Operator	: ME	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 09 Oct 14 03:06 PM	Analysis Method	: DX.MTH
Report Created on:	10 Oct 14 08:49 AM		

410137

SAMPLE CHAIN OF CUSTODY

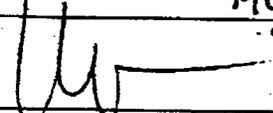
ME 10/8/14 A01/VSI

Send Report to Pete Kingston, CC: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 281 F. Fairview Ave E, Suite 2000

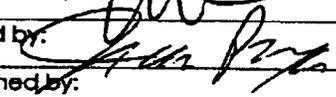
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊙ - Run per FR on 10/9/14	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
U30ESW-78	U30	78	01AE	10/8/14	0725	Soil	5					X	
II1WSW-67	II1	67	02	10/8/14	0750	Soil	5					X	
JJ6SSW-75	JJ6	75	03	10/8/14	0800	Soil	5	⊙	⊙	⊙	⊙	X	
U30ESW-73	U30	73	04L	10/8/14	1315	Soil	5					X	
CP 10/8/14													

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: 	Courtney Porter	SoundEarth	10/6/14	1530
Received by: 	James Bruya	F&B	10/8/14	1530
Relinquished by:				
Received by:		Samples received at <u>6:30</u>		

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

October 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 10, 2014 from the SOU_0731-004-05_20141010, F&BI 410176 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1027R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141010, F&BI 410176 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410176 -01	G31ESW-62
410176 -02	N1WSW-55
410176 -03	O1WSW-55
410176 -04	P1WSW-55
410176 -05	S1WSW-57
410176 -06	U1WSW-57
410176 -07	V1WSW-59
410176 -08	K1WSW-53
410176 -09	J1WSW-53

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
U1WSW-57 410176-06	<2	93
Method Blank 04-2116 MB	<2	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
U1WSW-57 410176-06	<50	<250	104
Method Blank 04-2154 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-57	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/21/14	Lab ID:	410176-06
Date Analyzed:	10/21/14	Data File:	102123.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/21/14	Lab ID:	04-2136 mb
Date Analyzed:	10/21/14	Data File:	102108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410375-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

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

Laboratory Code: 410390-01 (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	106	97	63-146	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410357-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	48	48	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	60	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	60	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	81	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	69	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	79	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	78	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	72	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	78	78	35-130	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	78	77	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	79	79	32-137	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	80	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	83	33-134	0

Laboratory Code: Laboratory Control Sample

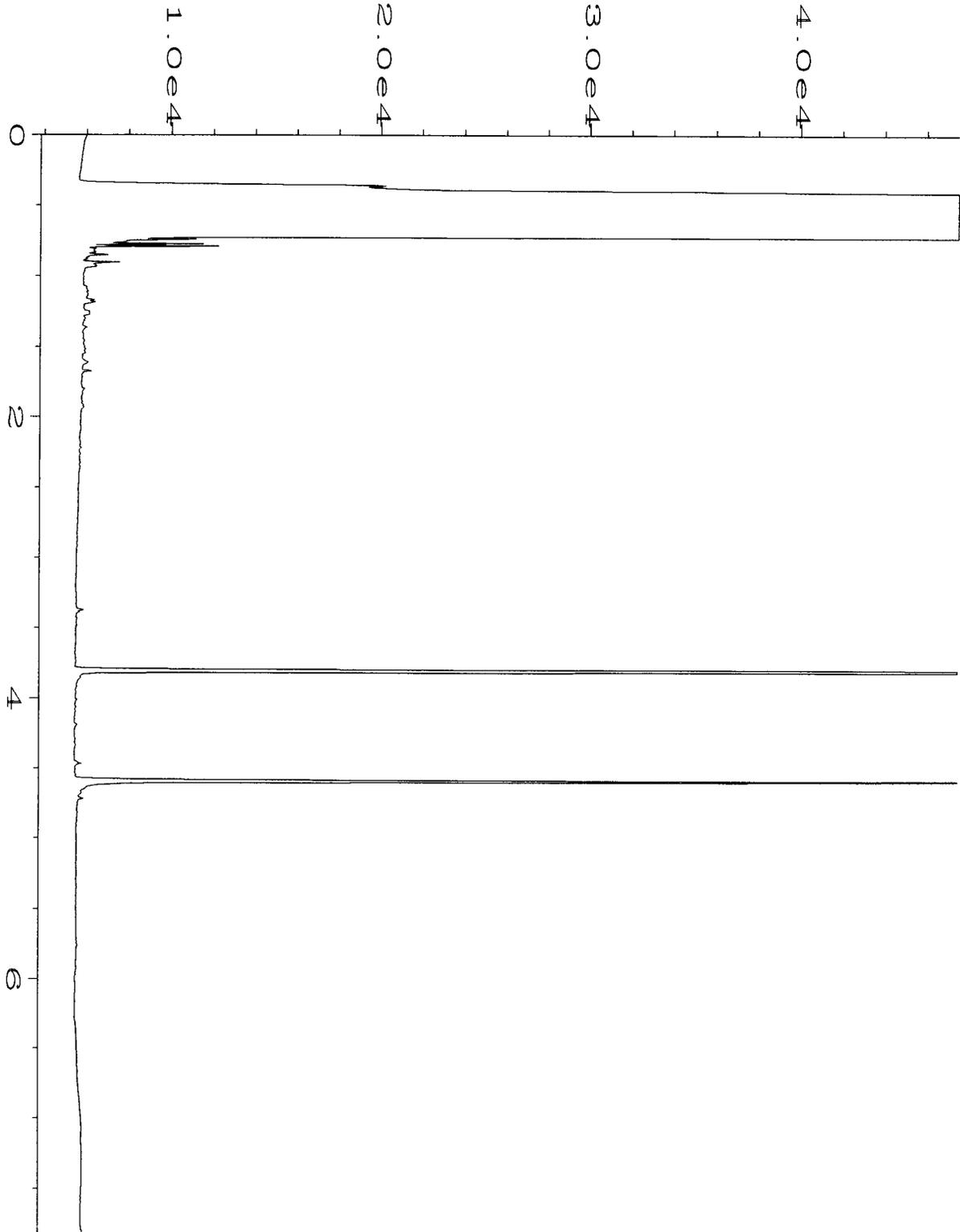
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	81	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	102	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	90	64-117
Toluene	mg/kg (ppm)	2.5	95	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	100	77-124

FRIEDMAN & BRUYA, INC.

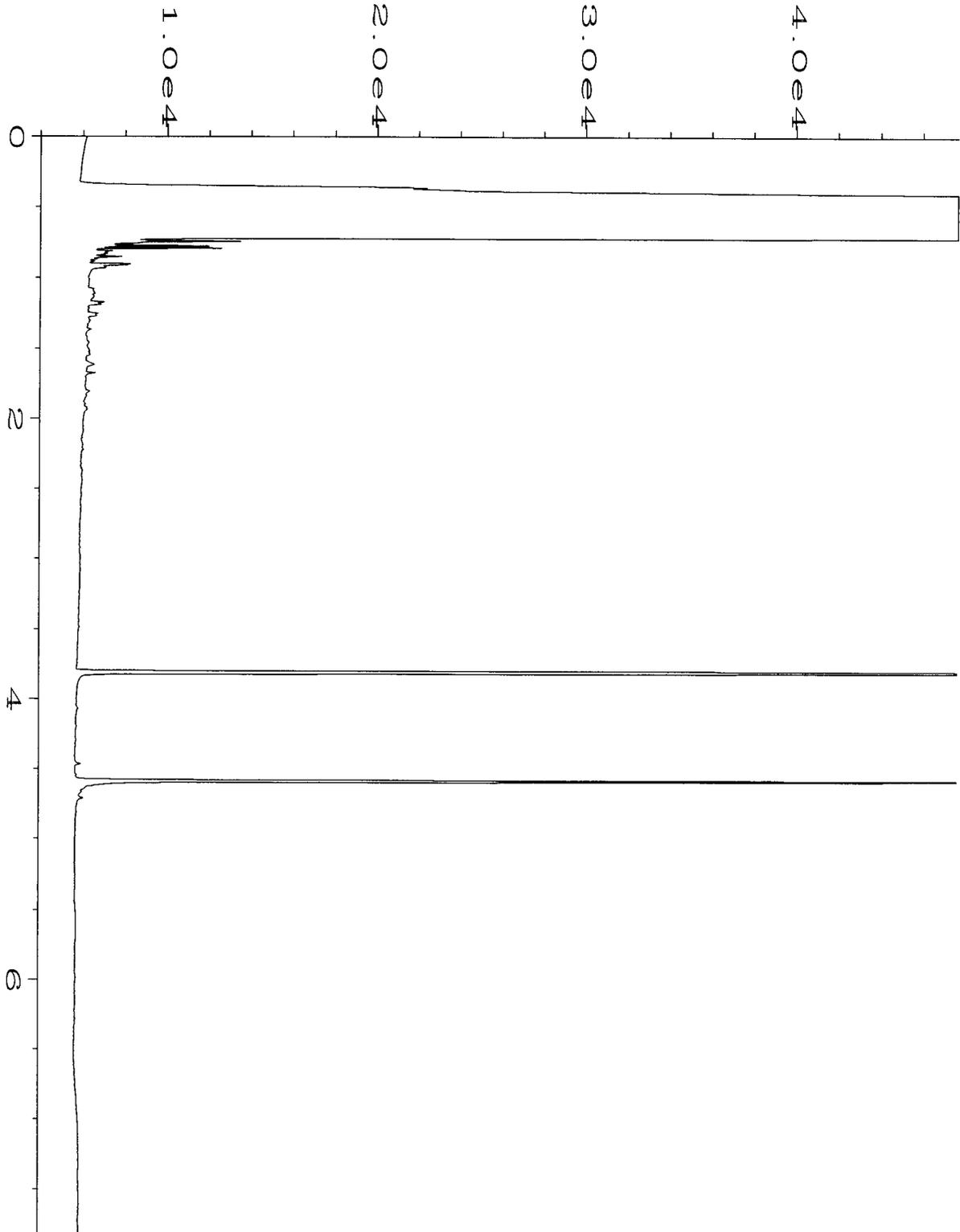
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

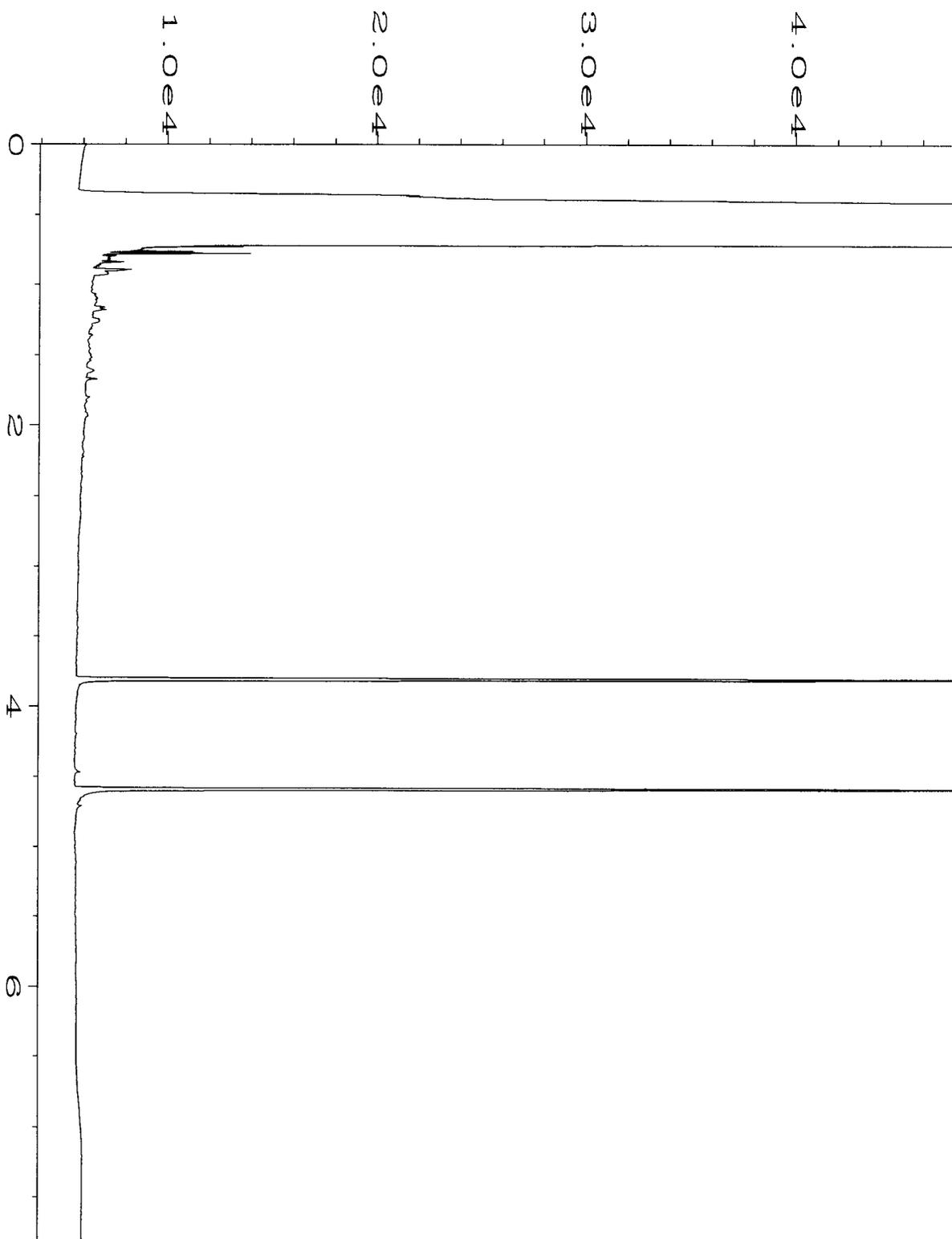
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



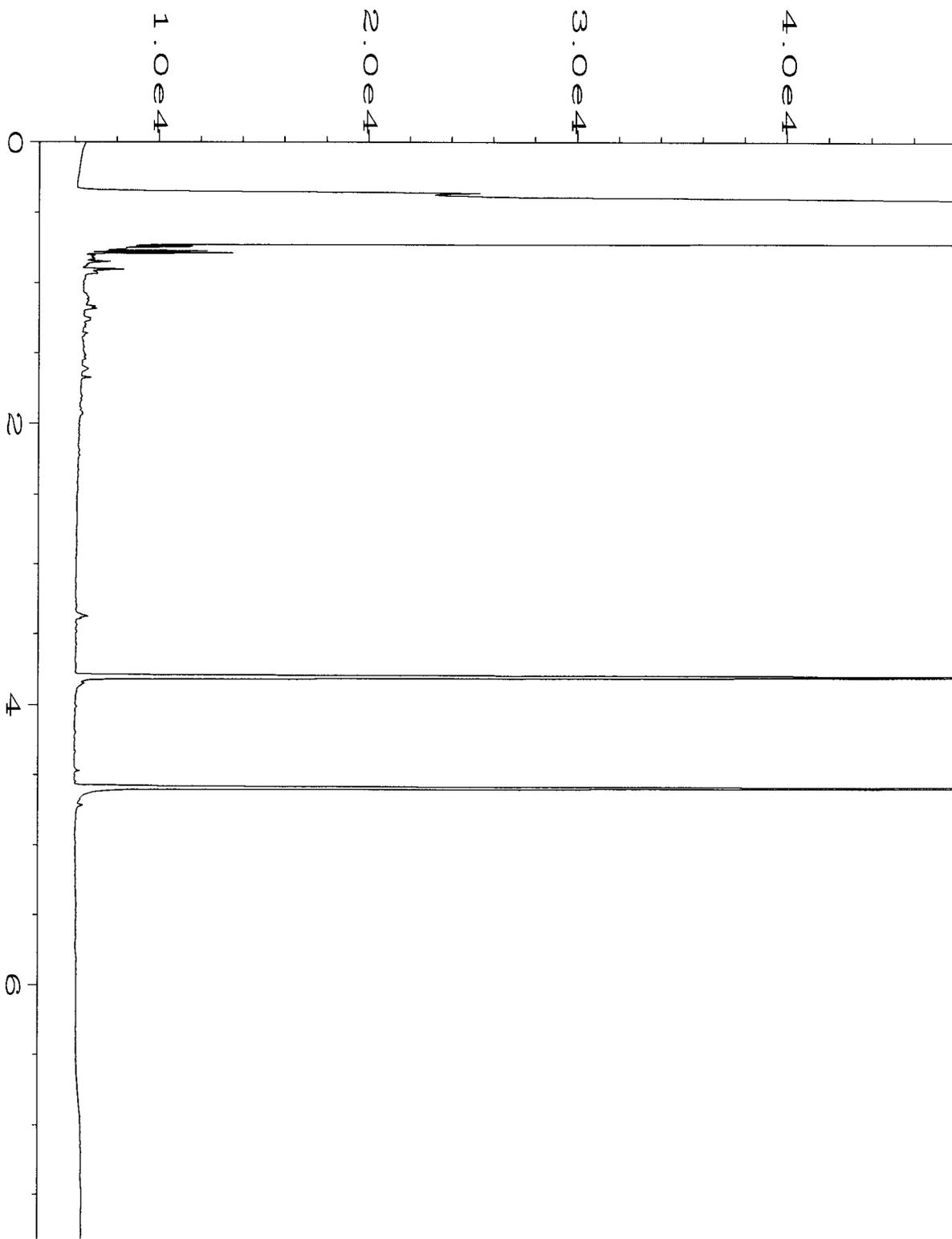
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Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 09:47 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



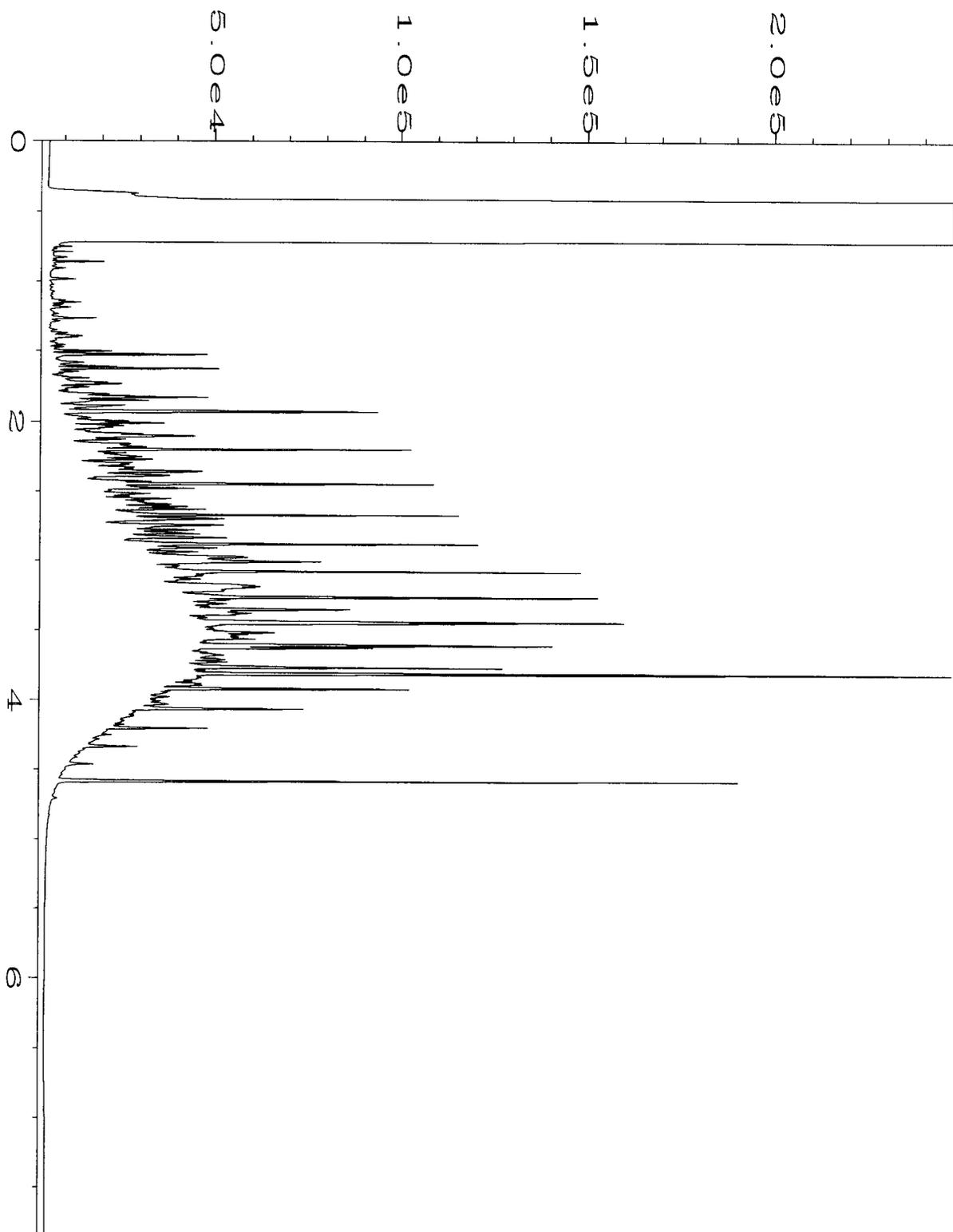
Data File Name	: C:\HPCHEM\6\DATA\10-15-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 09:57 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\008F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 8
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 10:09 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-14-14\006F0301.D	Page Number	: 1
Operator	: ME	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2081 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Oct 14 10:18 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 08:45 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		

410176

SAMPLE CHAIN OF CUSTODY ME 10-10-14

153 / 103

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per Pikan 10/14/14	EIM Y

Page # _____ of _____ TURNAROUND TIME Standard (2 Weeks) X RUSH per PK 10/14/14 MC Rush charges authorized by: _____
SAMPLE DISPOSAL X 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
G3IESW-62	G3IESW	62'	01A-E	10/9/14	0850	SOIL	5	⊗	⊗	⊗	⊗	X	
NIWSW-55	NIWSW	55'	02		1250	SOIL	5	⊗	⊗	⊗	⊗	X	
OIWSW-55	OIWSW	55'	03		1255	SOIL	5	⊗	⊗	⊗	⊗	X	
PIWSW-55	PIWSW	55'	04		1300	SOIL	5					X	
SIWSW-57	SIWSW	57'	05		1310	SOIL	5					X	
UIWSW-57	UIWSW	57'	06		1320	SOIL	5					X	
VIWSW-59	VIWSW	59'	07		1325	SOIL	5	⊗	⊗	⊗	⊗	X	
KIWSW-53	KIWSW	53'	08		1340	SOIL	5					X	
JIWSW-53	JIWSW	53'	09		1345	SOIL	5					X	

Jeff 10/9/14

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:	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	1148
Received by:	ERIC YOUNG	FRB	10/22/14	1108
Relinquished by:				
Received by:				

Samples received at 5°C

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

October 17, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 10, 2014 from the SOU_0731-004-05_20141010, F&BI 410176 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1017R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141010, F&BI 410176 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410176 -01	G31ESW-62
410176 -02	N1WSW-55
410176 -03	O1WSW-55
410176 -04	P1WSW-55
410176 -05	S1WSW-57
410176 -06	U1WSW-57
410176 -07	V1WSW-59
410176 -08	K1WSW-53
410176 -09	J1WSW-53

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

Date Extracted: 10/14/14

Date Analyzed: 10/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
G31ESW-62 410176-01	<2	84
O1WSW-55 410176-03	<2	82
V1WSW-59 410176-07	<2	83
Method Blank 04-2067 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

Date Extracted: 10/14/14

Date Analyzed: 10/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
G31ESW-62 410176-01	<50	<250	110
O1WSW-55 410176-03	<50	<250	113
V1WSW-59 410176-07	<50	<250	97
Method Blank 04-2081 MB	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	G31ESW-62	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/14/14	Lab ID:	410176-01
Date Analyzed:	10/14/14	Data File:	101430.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O1WSW-55	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/14/14	Lab ID:	410176-03
Date Analyzed:	10/14/14	Data File:	101431.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-59	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/14/14	Lab ID:	410176-07
Date Analyzed:	10/14/14	Data File:	101432.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410176
Date Extracted:	10/14/14	Lab ID:	04-2056 mb
Date Analyzed:	10/14/14	Data File:	101424.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

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

Laboratory Code: 410218-01 (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	93	93	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410176

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410239-01 (Matrix Spike)

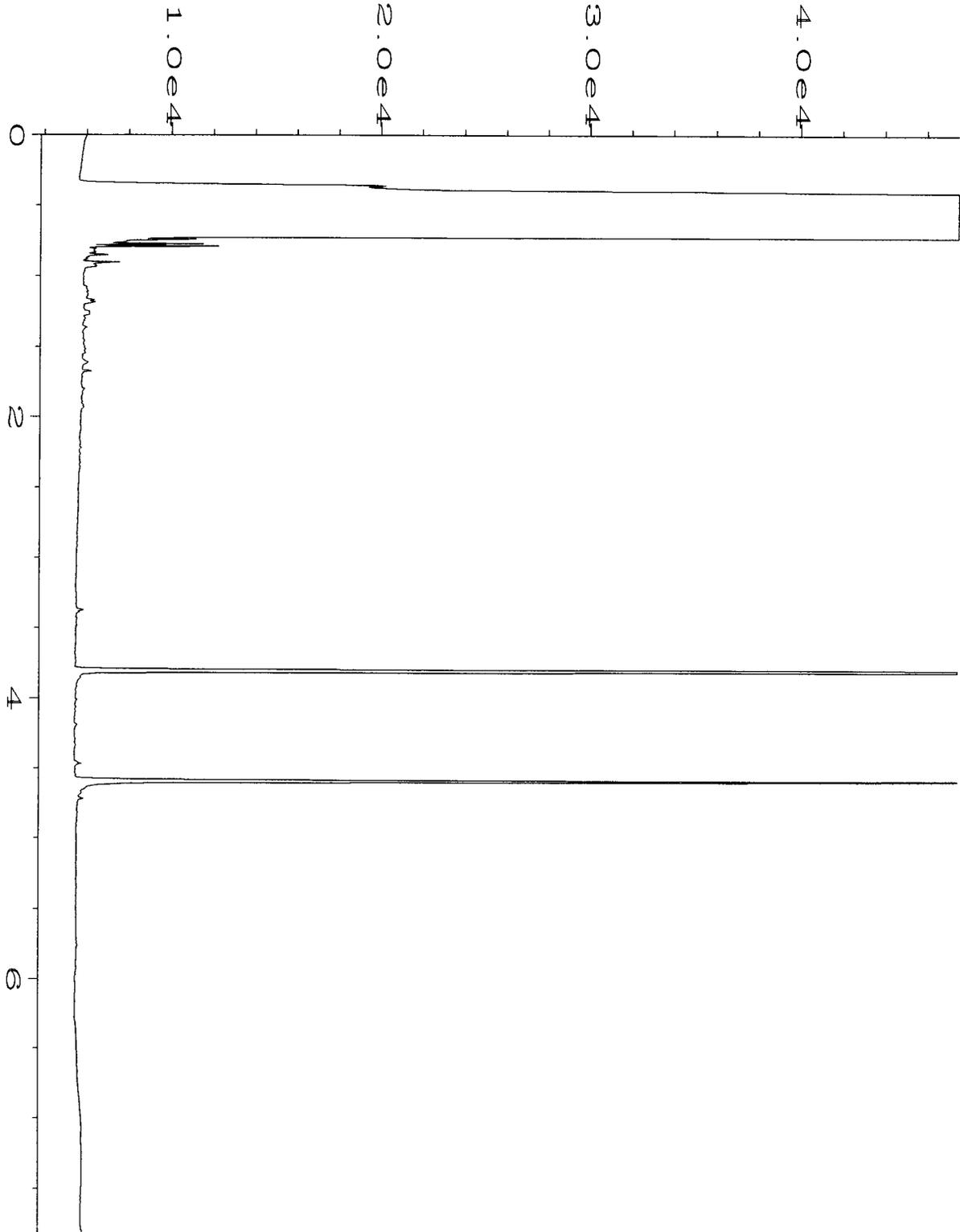
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	62	10-101	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	68	11-103	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	78	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	73	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	72	23-115	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	72	22-124	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	81	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	75	71	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	76	30-112	8
Toluene	mg/kg (ppm)	2.5	<0.05	77	72	34-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	74	27-110	9
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	78	38-111	5
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	80	38-112	6
o-Xylene	mg/kg (ppm)	2.5	<0.05	84	82	38-113	2

Laboratory Code: Laboratory Control Sample

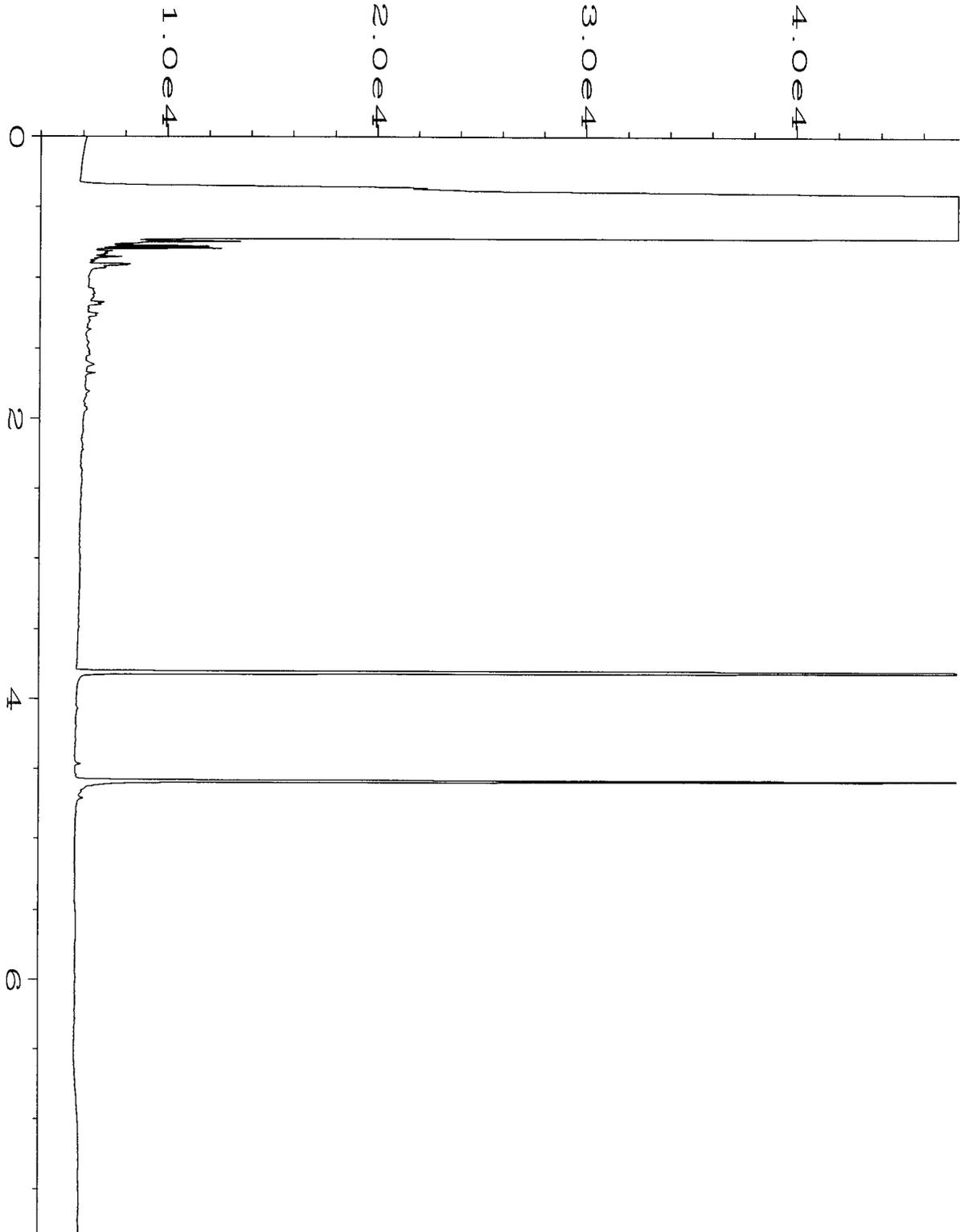
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	42-107
Chloroethane	mg/kg (ppm)	2.5	81	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	65-110
Methylene chloride	mg/kg (ppm)	2.5	92	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	86	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	84	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	72-116
Benzene	mg/kg (ppm)	2.5	84	75-107
Trichloroethene	mg/kg (ppm)	2.5	89	72-107
Toluene	mg/kg (ppm)	2.5	82	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	90	81-114
m,p-Xylene	mg/kg (ppm)	5	93	82-115
o-Xylene	mg/kg (ppm)	2.5	90	81-116

Data Qualifiers & Definitions

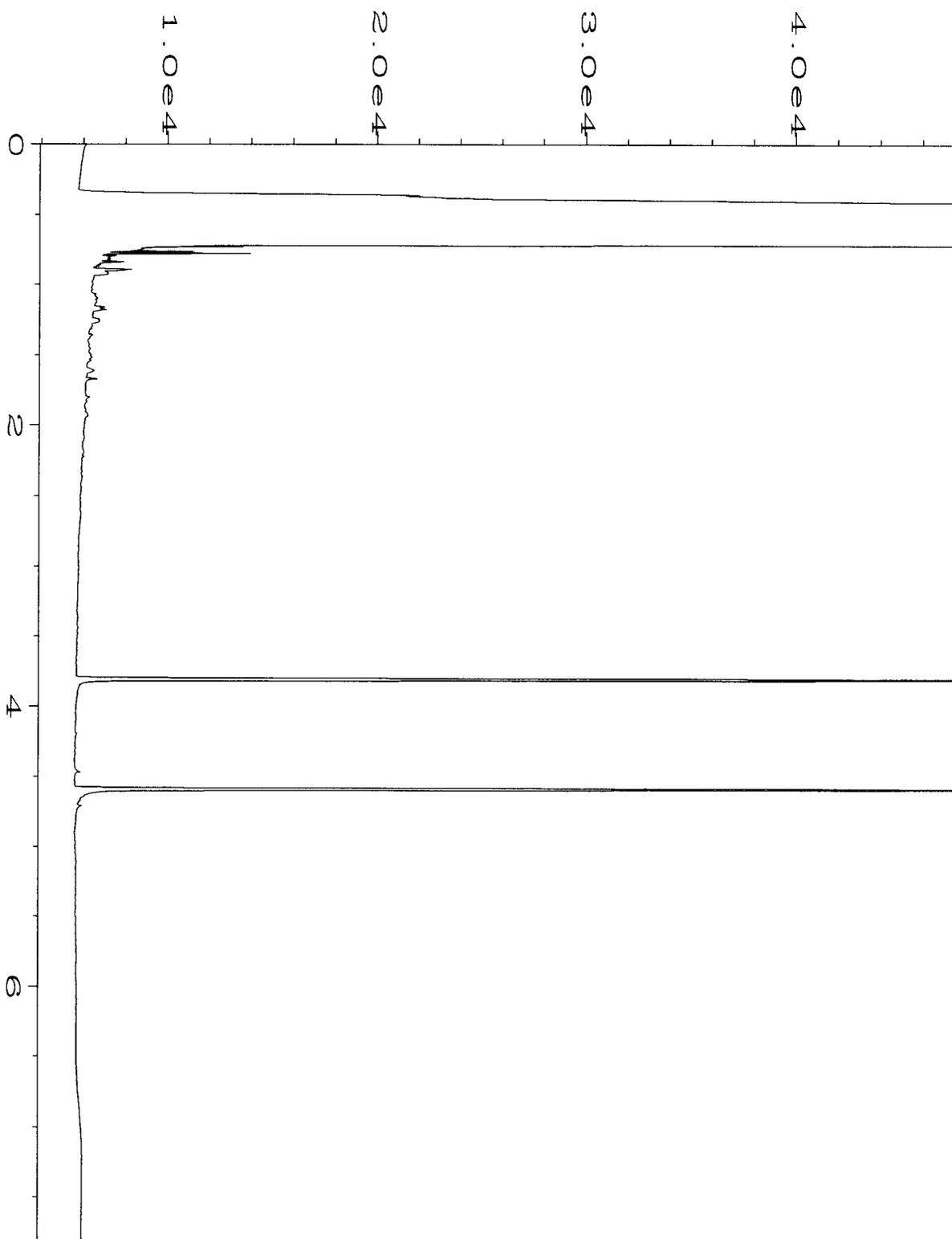
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



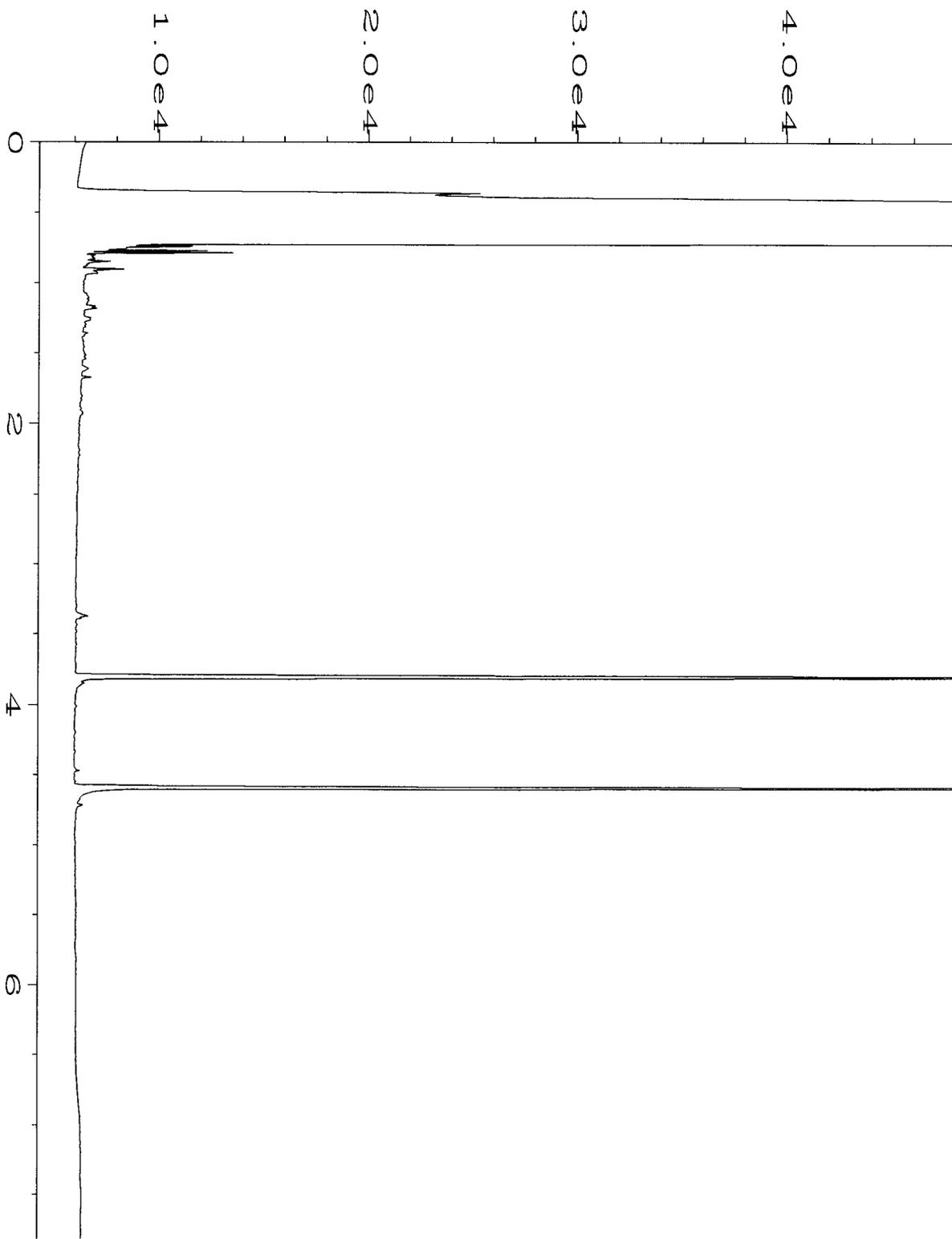
Data File Name	: C:\HPCHEM\6\DATA\10-15-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 09:47 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



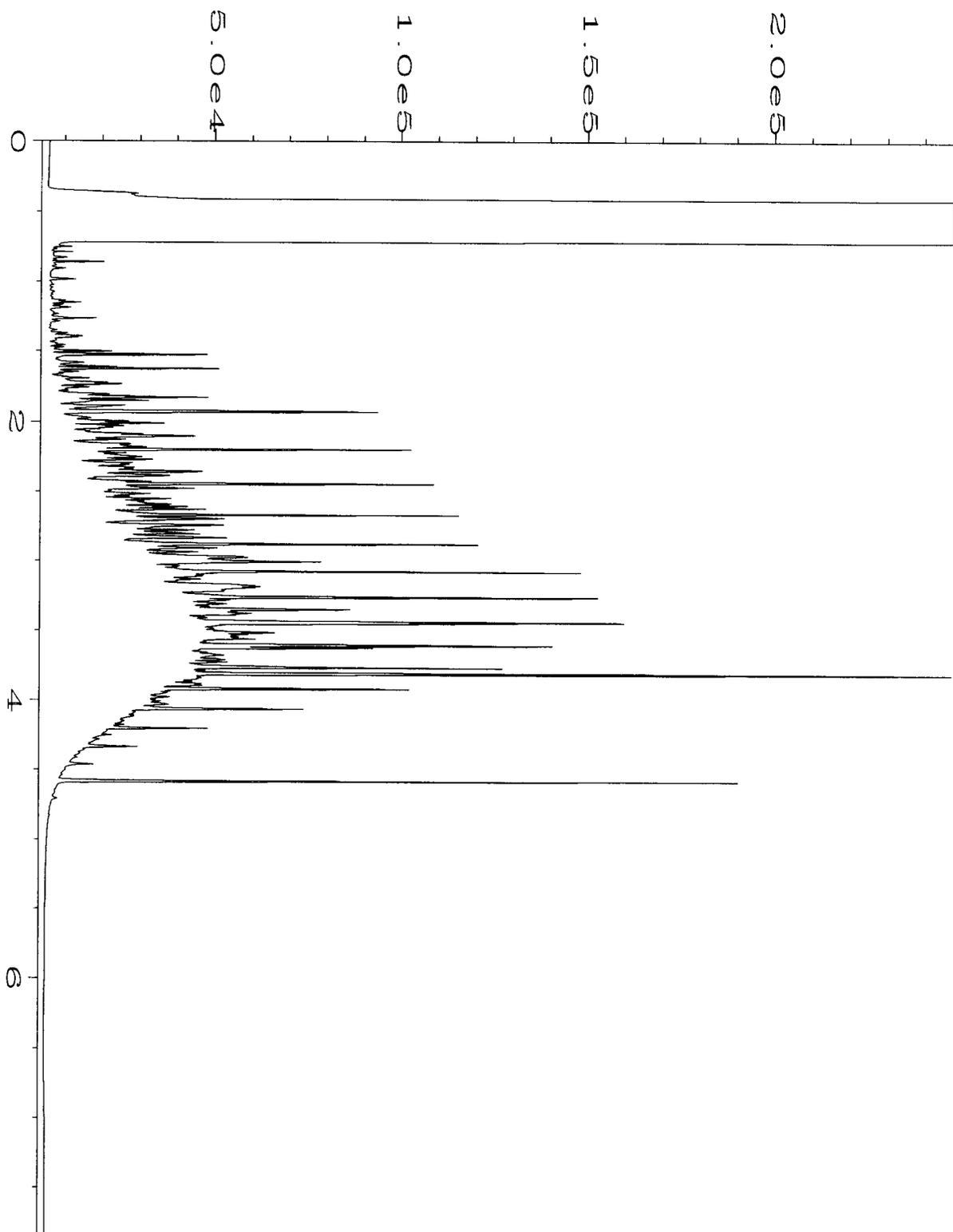
Data File Name	: C:\HPCHEM\6\DATA\10-15-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 09:57 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\008F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 8
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410176-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 10:09 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-14-14\006F0301.D	Page Number	: 1
Operator	: ME	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2081 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Oct 14 10:18 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 08:45 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		

410176

SAMPLE CHAIN OF CUSTODY ME 10-10-14

153 / 103

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per Pikan 10/14/14	EIM Y

Page # _____ of _____ TURNAROUND TIME Standard (2 Weeks) X RUSH per PK 10/14/14 MC 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
G3IESW-62	G3IESW	62'	01A-E	10/9/14	0850	SOIL	5	⊗	⊗	⊗	⊗	X	
NIWSW-55	NIWSW	55'	02		1250	SOIL	5	⊗	⊗	⊗	⊗	X	
OIWSW-55	OIWSW	55'	03		1255	SOIL	5	⊗	⊗	⊗	⊗	X	
PIWSW-55	PIWSW	55'	04		1300	SOIL	5					X	
SIWSW-57	SIWSW	57'	05		1310	SOIL	5					X	
UIWSW-57	UIWSW	57'	06		1320	SOIL	5					X	
VIWSW-59	VIWSW	59'	07		1325	SOIL	5	⊗	⊗	⊗	⊗	X	
KIWSW-53	KIWSW	53'	08		1340	SOIL	5					X	
JIWSW-53	JIWSW	53'	09		1345	SOIL	5					X	

John 10/9/14

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:	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	1148
Received by:	ERIC YOUNG	FRB	10/22/14	1108
Relinquished by:				
Received by:				

Samples received at 5°C

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

October 16, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 10, 2014 from the SOU_0731-004-05_20141010, F&BI 410177 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1016R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141010, F&BI 410177 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410177 -01	AA1WSW-61
410177 -02	Z1WSW-60
410177 -03	Y1WSW-60

EDC in the 8260C matrix spike, matrix spike duplicate, and laboratory control sample exceeded the acceptance criteria. The analyte was not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410177

Date Extracted: 10/10/14

Date Analyzed: 10/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
AA1WSW-61 410177-01	<2	87
Z1WSW-60 410177-02	<2	87
Method Blank 04-2013 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410177

Date Extracted: 10/10/14

Date Analyzed: 10/10/14

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
AA1WSW-61 410177-01	<50	<250	93
Z1WSW-60 410177-02	<50	<250	96
Method Blank 04-2047 MB	<50	<250	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-61	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410177
Date Extracted:	10/13/14	Lab ID:	410177-01
Date Analyzed:	10/13/14	Data File:	101330.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	82	129
Toluene-d8	102	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-60	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410177
Date Extracted:	10/13/14	Lab ID:	410177-02
Date Analyzed:	10/13/14	Data File:	101331.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	108	82	129
Toluene-d8	102	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410177
Date Extracted:	10/13/14	Lab ID:	04-2052 mb
Date Analyzed:	10/13/14	Data File:	101317.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	82	129
Toluene-d8	104	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410177

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410177

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

Laboratory Code: 410173-07 (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	93	93	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	84	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/16/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410177

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410195-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-80	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	9-92	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	11-98	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	93	92	23-111	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	85	23-103	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	94	96	31-104	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	96	34-107	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	104 vo	104 vo	44-98	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	95	97	27-106	2
Benzene	mg/kg (ppm)	2.5	<0.03	92	92	35-102	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	97	98	38-101	1
Toluene	mg/kg (ppm)	2.5	<0.05	91	94	41-105	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	98	32-104	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	93	40-109	6
m,p-Xylene	mg/kg (ppm)	5	<0.1	94	99	42-109	5
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	98	41-113	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	95	29-137
Chloroethane	mg/kg (ppm)	2.5	98	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	110	56-126
Methylene chloride	mg/kg (ppm)	2.5	110	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	114	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	112	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	121 vo	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	114	70-123
Benzene	mg/kg (ppm)	2.5	106	75-116
Trichloroethene	mg/kg (ppm)	2.5	113	73-118
Toluene	mg/kg (ppm)	2.5	109	77-116
Tetrachloroethene	mg/kg (ppm)	2.5	114	75-117
Ethylbenzene	mg/kg (ppm)	2.5	104	80-116
m,p-Xylene	mg/kg (ppm)	5	110	79-117
o-Xylene	mg/kg (ppm)	2.5	110	79-119

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

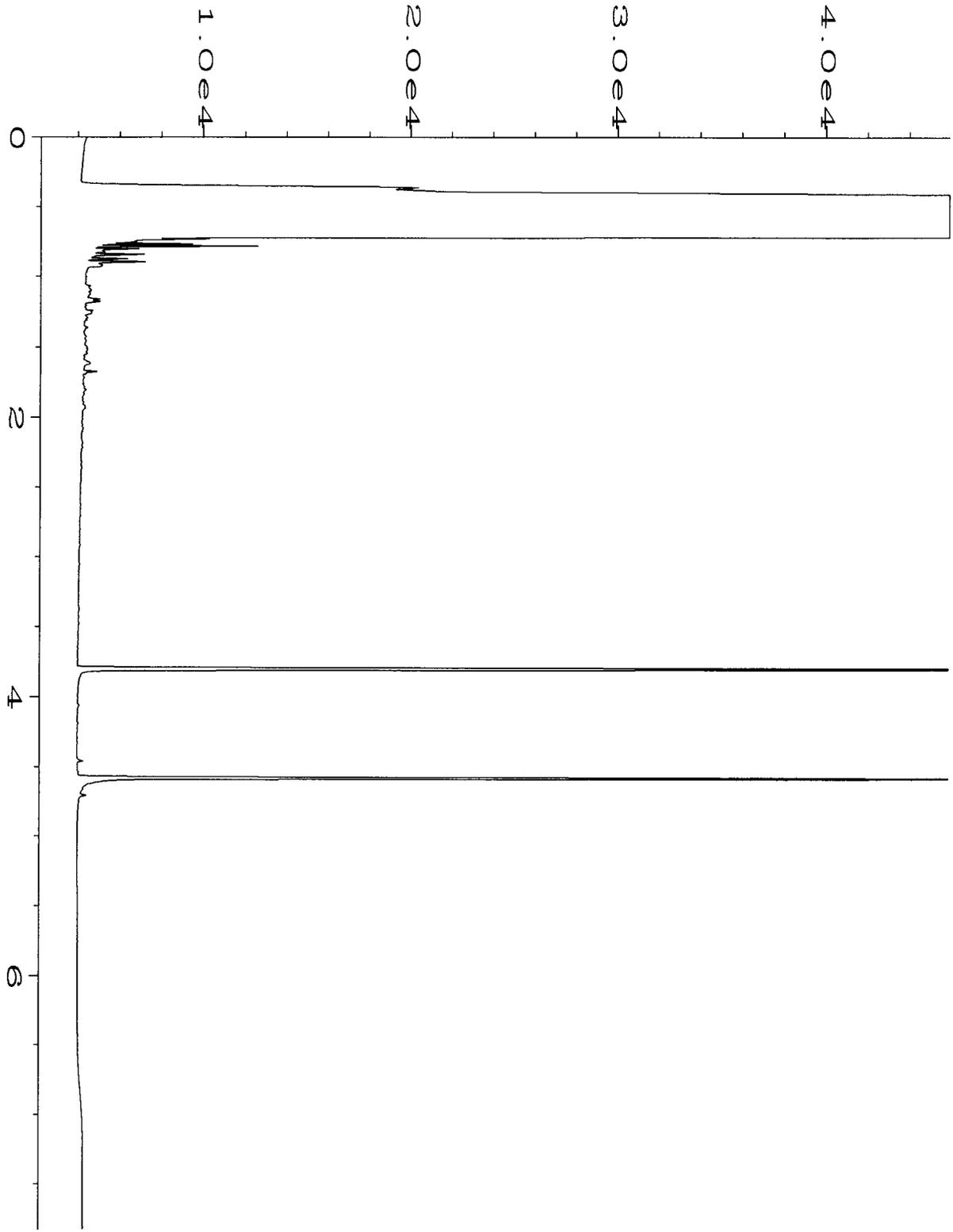
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

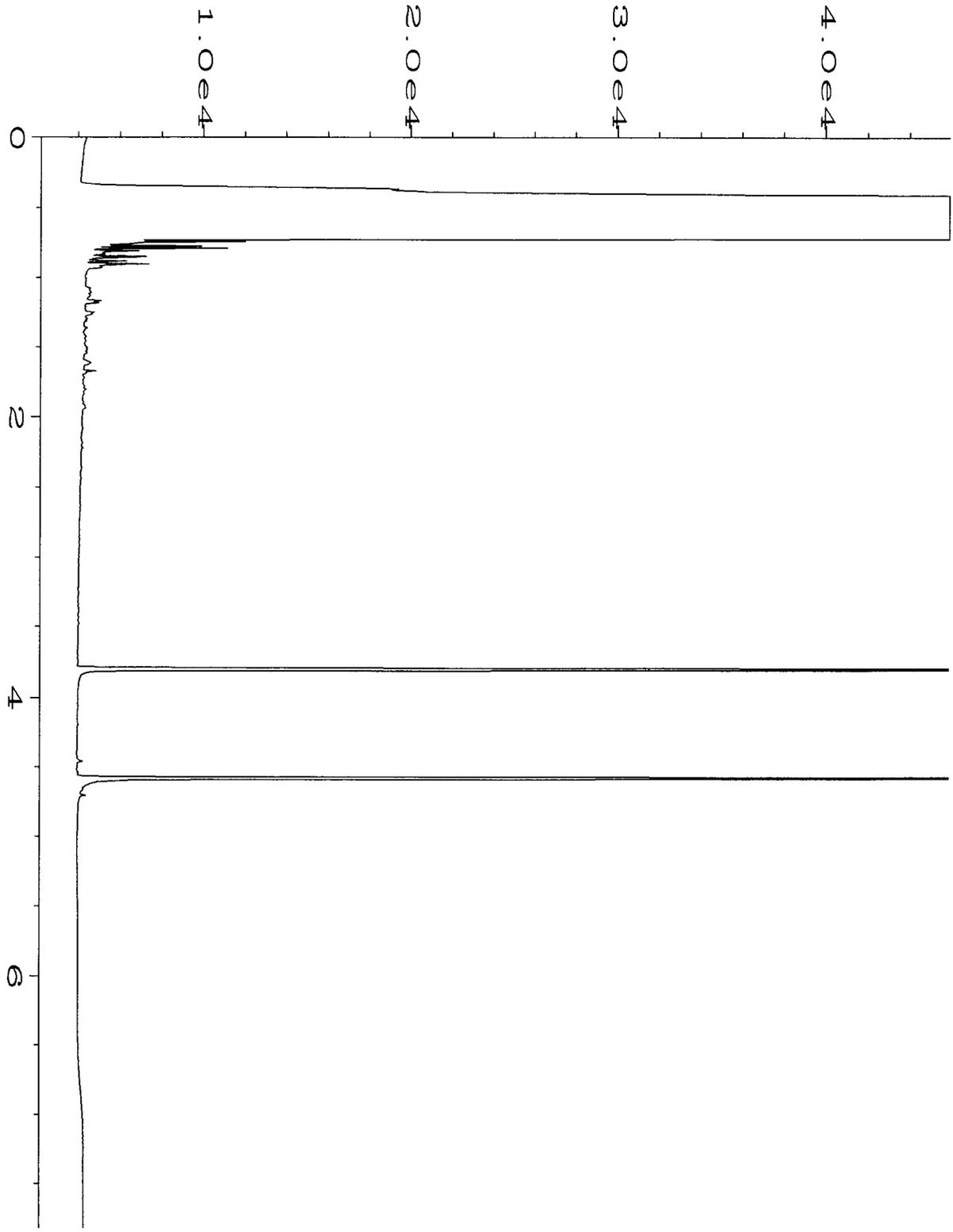
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

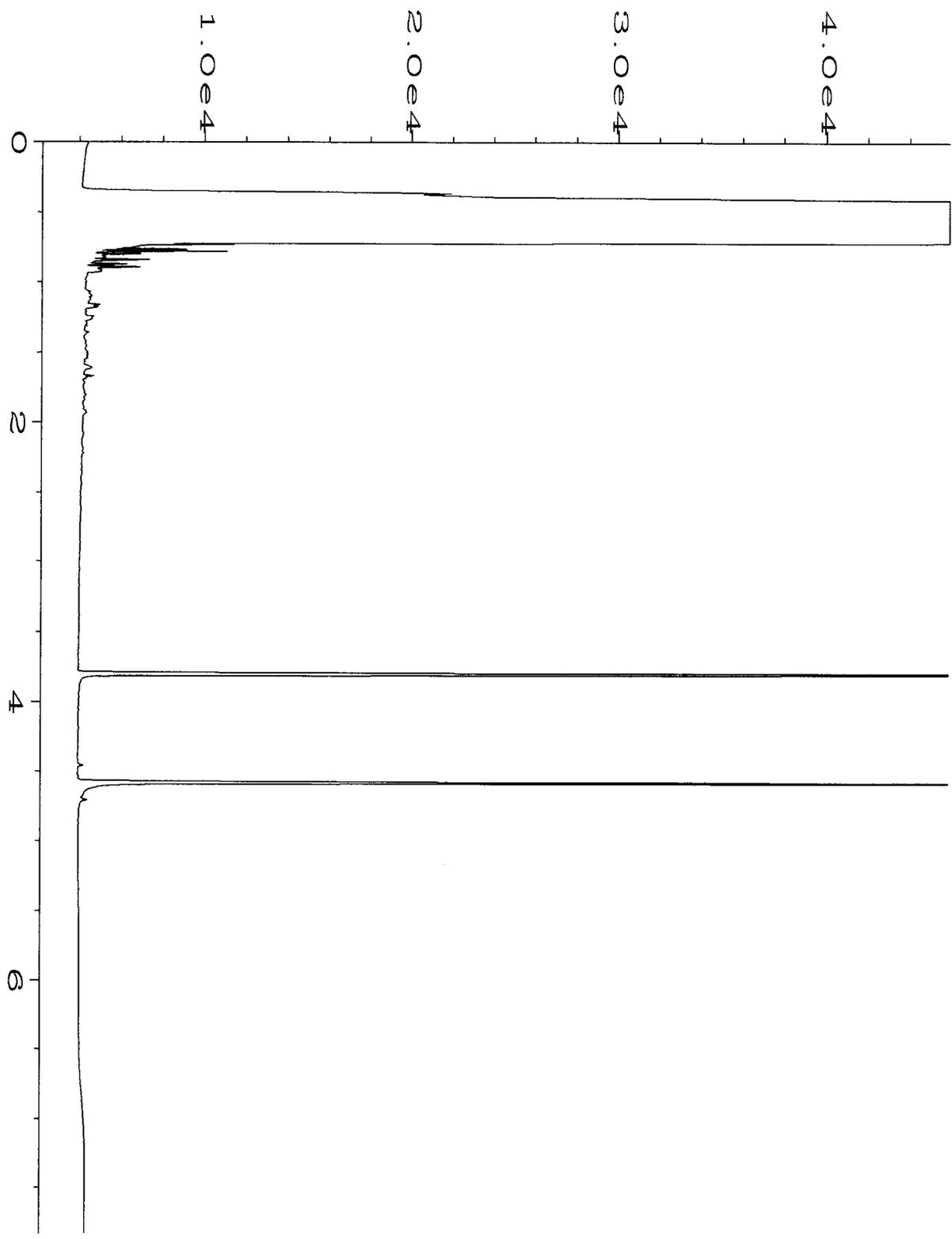
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



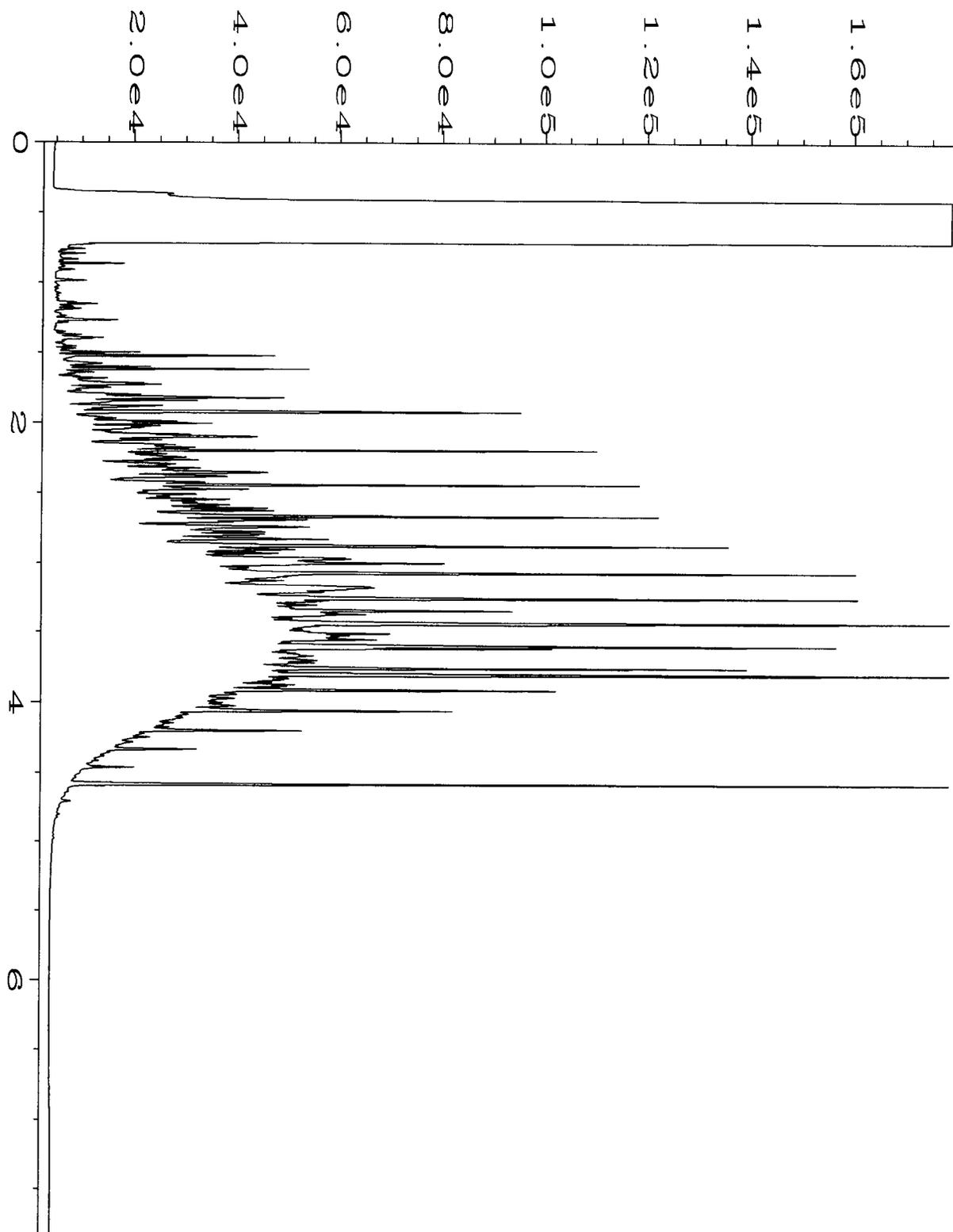
Data File Name	: C:\HPCHEM\6\DATA\10-10-14\035F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 35
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410177-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Oct 14 06:48 PM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 08:49 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-10-14\036F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 36
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410177-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Oct 14 07:01 PM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 08:49 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-10-14\016F0501.D	Page Number	: 1
Operator	: sp	Vial Number	: 16
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2047 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Oct 14 02:22 PM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 08:48 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-10-14\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Oct 14 08:53 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 08:48 AM		

410177

SAMPLE CHAIN OF CUSTODY ME 10-10-14

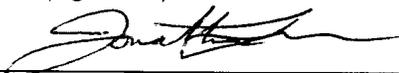
Page # 1 of 102 / A01

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

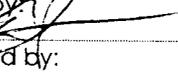
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
AAIWSW-61	AAI WSW	61'	01A-E	10/10/14	0823	SOIL	5	X	X	X	X		
ZIWSW-60	ZI WSW	60'	02 T	10/10/14	0827	SOIL	5	X	X	X	X		
YIWSW-60	YI WSW	60'	03	10/10/14	0830	SOIL	5					X	
 10/10/14													

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: 	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	1148
Received by: 	Eric Young	FEB	10/10/14	11:30
Relinquished by:				
Received by:				

Samples received at 5 °C

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

October 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 10, 2014 from the SOU_0731-004-05_20141010, F&BI 410184 project. There are 27 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141010, F&BI 410184 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410184 -01	O4-35
410184 -02	O4-30
410184 -03	O4-25
410184 -04	O2-35
410184 -05	O2-30
410184 -06	N3-35
410184 -07	N3-30
410184 -08	Q1-40
410184 -09	Q1-35
410184 -10	R5-35
410184 -11	R5-30
410184 -12	T4-40
410184 -13	T4-35
410184 -14	T4-30
410184 -15	T2-40
410184 -16	T2-35
410184 -17	T2-30
410184 -18	U6-40
410184 -19	U6-35
410184 -20	U6-30
410184 -21	Duplicate21

Several compounds in the 8260C matrix spike, matrix spike duplicate, laboratory control sample and laboratory control sample duplicate exceeded the acceptance criteria. The analytes were not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O4-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-01
Date Analyzed:	10/13/14	Data File:	101309.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O4-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-02
Date Analyzed:	10/13/14	Data File:	101310.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.033

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O4-25	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-03
Date Analyzed:	10/13/14	Data File:	101311.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O2-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-04
Date Analyzed:	10/13/14	Data File:	101312.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O2-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-05
Date Analyzed:	10/13/14	Data File:	101313.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.041

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-06
Date Analyzed:	10/13/14	Data File:	101314.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-07
Date Analyzed:	10/13/14	Data File:	101315.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q1-40	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-08
Date Analyzed:	10/13/14	Data File:	101316.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.041

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q1-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-09
Date Analyzed:	10/13/14	Data File:	101317.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R5-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-10
Date Analyzed:	10/13/14	Data File:	101318.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R5-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-11
Date Analyzed:	10/13/14	Data File:	101319.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T4-40	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-12
Date Analyzed:	10/13/14	Data File:	101320.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.072

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T4-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-13
Date Analyzed:	10/13/14	Data File:	101321.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T4-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-14
Date Analyzed:	10/13/14	Data File:	101322.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-40	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-15
Date Analyzed:	10/13/14	Data File:	101323.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.048

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-16
Date Analyzed:	10/13/14	Data File:	101324.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-17
Date Analyzed:	10/13/14	Data File:	101325.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U6-40	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-18
Date Analyzed:	10/13/14	Data File:	101326.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U6-35	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-19
Date Analyzed:	10/13/14	Data File:	101327.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U6-30	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-20
Date Analyzed:	10/13/14	Data File:	101328.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.031

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate21	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	410184-21
Date Analyzed:	10/13/14	Data File:	101320.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	82	129
Toluene-d8	102	23	185
4-Bromofluorobenzene	100	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	04-2049 mb
Date Analyzed:	10/13/14	Data File:	101308.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410184
Date Extracted:	10/13/14	Lab ID:	04-2052 mb
Date Analyzed:	10/13/14	Data File:	101317.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	82	129
Toluene-d8	104	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410184

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410184-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	90	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	92	27-112
Trichloroethene	mg/kg (ppm)	2.5	<0.02	88	30-112
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	88	27-110

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	93	95	42-107	2
Chloroethane	mg/kg (ppm)	2.5	98	101	47-115	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	98	102	65-110	4
Methylene chloride	mg/kg (ppm)	2.5	114	115	62-119	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	108	71-113	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	106	76-109	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	108	77-110	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	105	80-109	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	113	119 vo	72-116	5
Trichloroethene	mg/kg (ppm)	2.5	100	107	72-107	7
Tetrachloroethene	mg/kg (ppm)	2.5	99	106	77-110	7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410184

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410195-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-80	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	9-92	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	11-98	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	93	92	23-111	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	85	23-103	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	94	96	31-104	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	96	34-107	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	104 vo	104 vo	44-98	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	95	97	27-106	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	97	98	38-101	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	98	32-104	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	95	29-137
Chloroethane	mg/kg (ppm)	2.5	98	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	110	56-126
Methylene chloride	mg/kg (ppm)	2.5	110	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	114	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	112	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	121 vo	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	114	70-123
Trichloroethene	mg/kg (ppm)	2.5	113	73-118
Tetrachloroethene	mg/kg (ppm)	2.5	114	75-117

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

410184

SAMPLE CHAIN OF CUSTODY

ME 10-10-14 VS2 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
04-35	04	35'	01	10/10/14	1335	SOIL	4				X	
04-30	04	30'	02	}	1340	}	}				X	
04-25	04	25'	03		1346						X	
02-35	02	35'	04		1353						X	
02-30	02	30'	05		1400						X	
N3-35	N3	35'	06		1414						X	
N3-30	N3	30'	07		1418						X	
Q1-40	Q1	40'	08		1430						X	
Q1-35	Q1	35'	09		1434						X	
R5-35	R5	35'	10		1453						X	
R5-30	R5	30'	11		1458						X	
T4-40	T4	40'	12	1505	X							
T4-35	T4	35'	13	1510	X							

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:	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	1837
Received by:	Jon Shimazu	FBI	L	L
Relinquished by:				
Received by:				

410184

SAMPLE CHAIN OF CUSTODY ME 10.10.14

VS 2

Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
T4-30	T4	30'	14	10/10/14	1517	SOIL	4				X	
T2-40	T2	40'	15	↓	1523	↓	↓				X	
T2-35	T2	35'	16	↓	1530	↓	↓				X	
T2-30	T2	30'	17	↓	1535	↓	↓				X	
U6-40	U6	40'	18	↓	1548	↓	↓				X	
U6-35	U6	35'	19	↓	1553	↓	↓				X	
U6-30	U6	30'	20	↓	1558	↓	↓				X	
DUPLICATE 21	—	—	21	↓	1608	↓	↓				X	
Samples received at <u>6</u> °C												
<i>[Signature]</i> 10/10/14												

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	18:37
Received by: <i>Jan Shihara</i>	Jan Shihara	FPT	T	T
Relinquished by:				
Received by:				

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

October 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 10, 2014 from the SOU_0731-004-05_20141010, F&BI 410195 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141010, F&BI 410195 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410195 -01	CC8-70
410195 -02	BB9-69

EDC in the 8260C matrix spike, matrix spike duplicate, and laboratory control sample exceeded the acceptance criteria. The analyte was not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410195

Date Extracted: 10/13/14

Date Analyzed: 10/13/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
CC8-70 410195-01	<2	92
BB9-69 410195-02	6.1	96
Method Blank 04-2015 MB	<2	71

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410195

Date Extracted: 10/13/14

Date Analyzed: 10/13/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND RESIDUAL RANGE
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Residual Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
CC8-70 410195-01	<50	<250	95
BB9-69 410195-02	<50	<250	94
Method Blank 04-2062 MB	<50	<250	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC8-70	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410195
Date Extracted:	10/13/14	Lab ID:	410195-01
Date Analyzed:	10/13/14	Data File:	101318.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	82	129
Toluene-d8	103	23	185
4-Bromofluorobenzene	98	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB9-69	Client:	SoundEarth Strategies
Date Received:	10/10/14	Project:	SOU_0731-004-05_20141010, F&BI 410195
Date Extracted:	10/13/14	Lab ID:	410195-02
Date Analyzed:	10/13/14	Data File:	101319.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	82	129
Toluene-d8	103	23	185
4-Bromofluorobenzene	104	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141010, F&BI 410195
Date Extracted:	10/13/14	Lab ID:	04-2052 mb
Date Analyzed:	10/13/14	Data File:	101317.D
Matrix:	Soil	Instrument:	GCMS7
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	82	129
Toluene-d8	104	23	185
4-Bromofluorobenzene	101	45	167

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410195

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410186-03 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410195

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

Laboratory Code: 410194-02 (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	61	96	92	63-146	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	89	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/10/14

Project: SOU_0731-004-05_20141010, F&BI 410195

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410195-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-80	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	9-92	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	11-98	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	93	92	23-111	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	85	23-103	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	94	96	31-104	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	96	34-107	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	104 vo	104 vo	44-98	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	95	97	27-106	2
Benzene	mg/kg (ppm)	2.5	<0.03	92	92	35-102	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	97	98	38-101	1
Toluene	mg/kg (ppm)	2.5	<0.05	91	94	41-105	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	98	32-104	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	93	40-109	6
m,p-Xylene	mg/kg (ppm)	5	<0.1	94	99	42-109	5
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	98	41-113	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	95	29-137
Chloroethane	mg/kg (ppm)	2.5	98	29-137
1,1-Dichloroethene	mg/kg (ppm)	2.5	110	56-126
Methylene chloride	mg/kg (ppm)	2.5	110	20-166
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	68-121
1,1-Dichloroethane	mg/kg (ppm)	2.5	114	72-119
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	112	75-118
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	121 vo	76-117
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	114	70-123
Benzene	mg/kg (ppm)	2.5	106	75-116
Trichloroethene	mg/kg (ppm)	2.5	113	73-118
Toluene	mg/kg (ppm)	2.5	109	77-116
Tetrachloroethene	mg/kg (ppm)	2.5	114	75-117
Ethylbenzene	mg/kg (ppm)	2.5	104	80-116
m,p-Xylene	mg/kg (ppm)	5	110	79-117
o-Xylene	mg/kg (ppm)	2.5	110	79-119

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

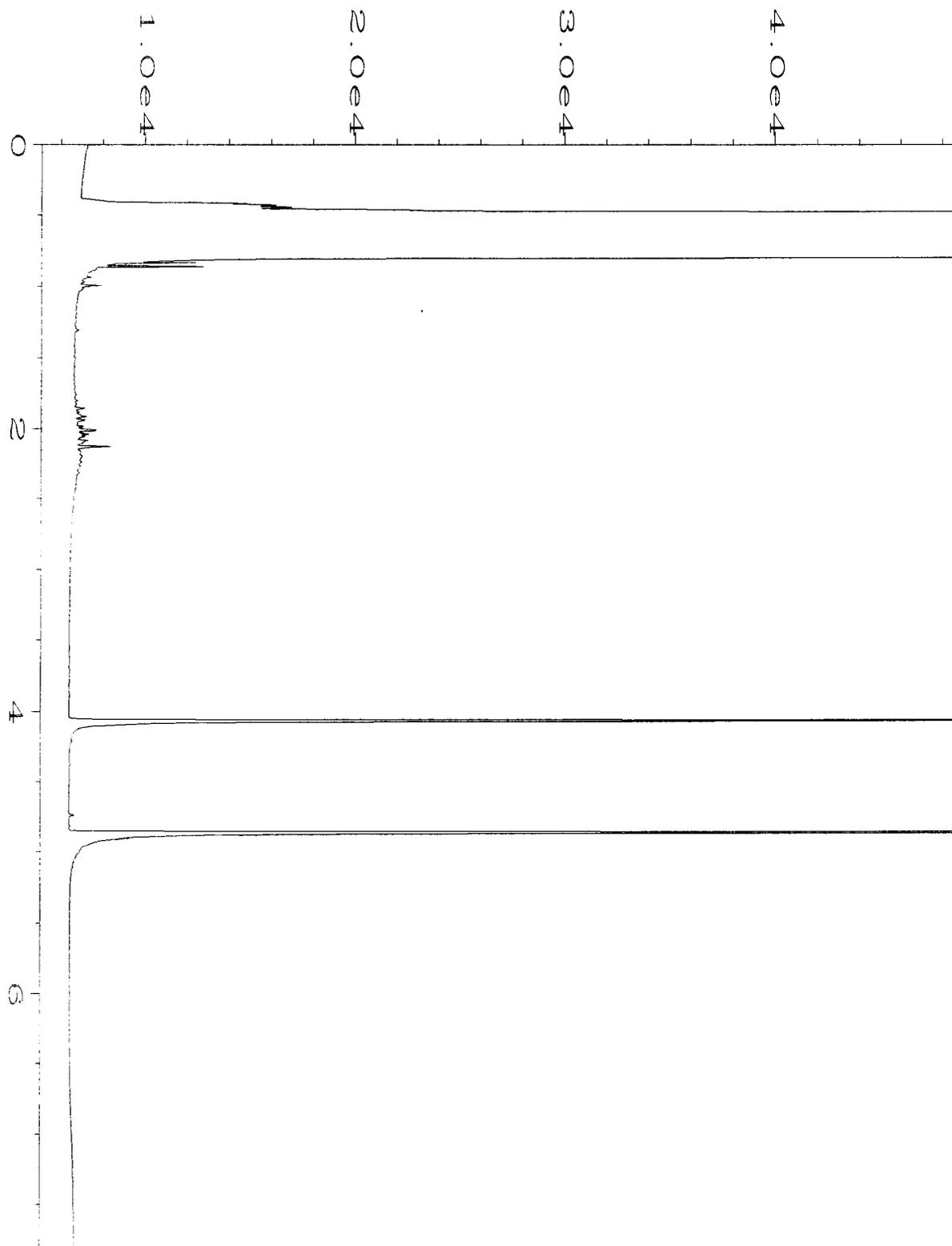
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

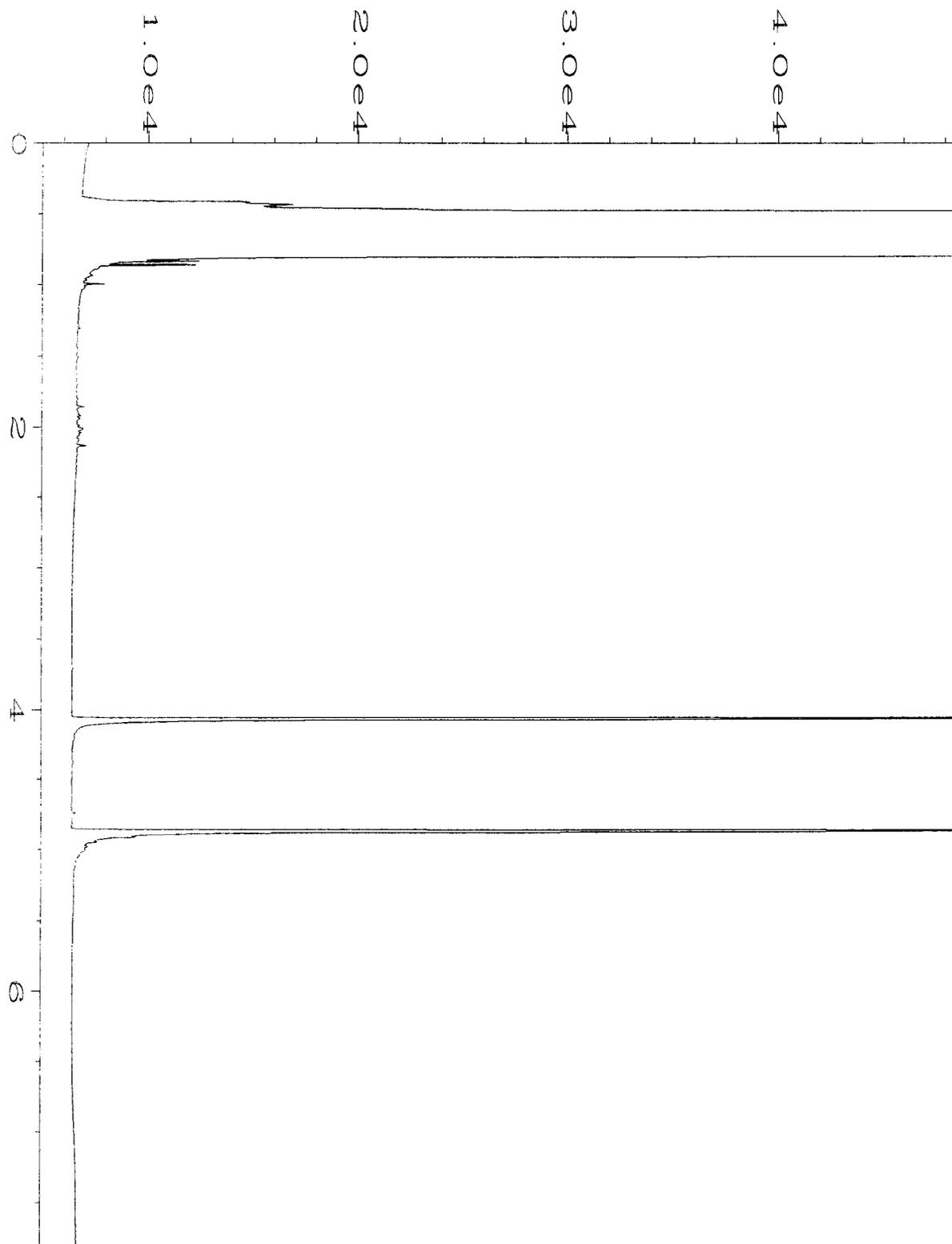
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

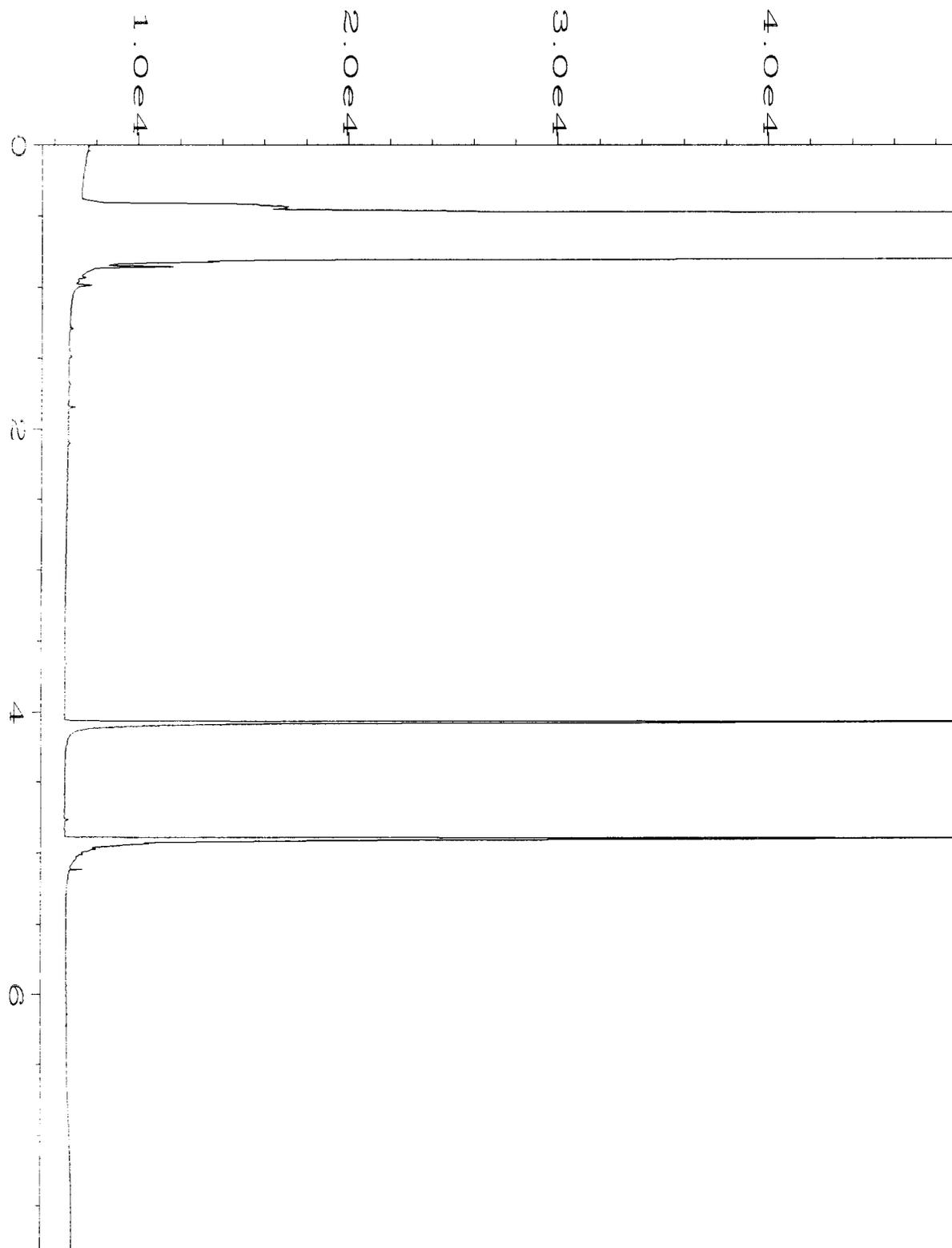
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



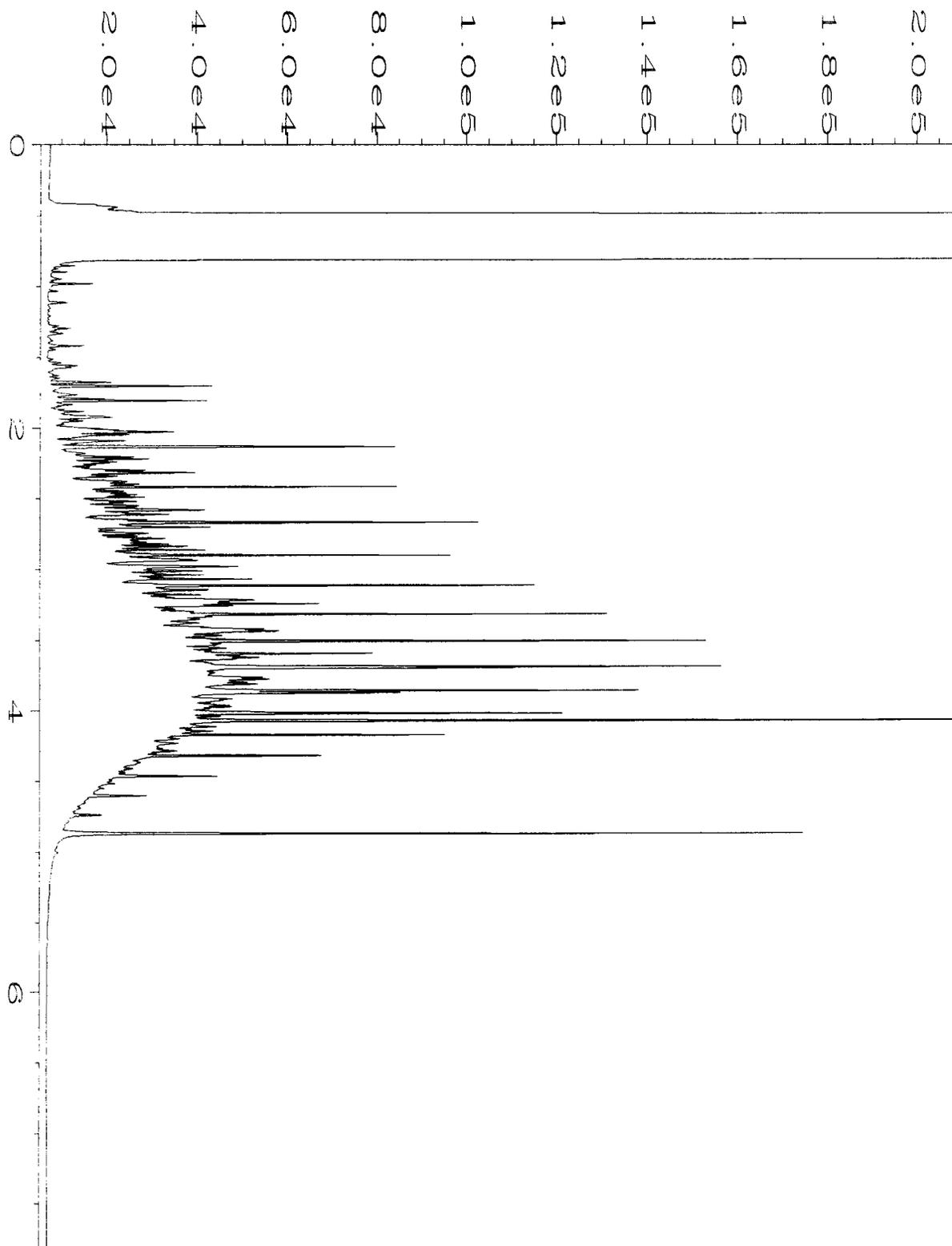
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Operator	: ME	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410195-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Oct 14 11:18 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 01:51 PM		



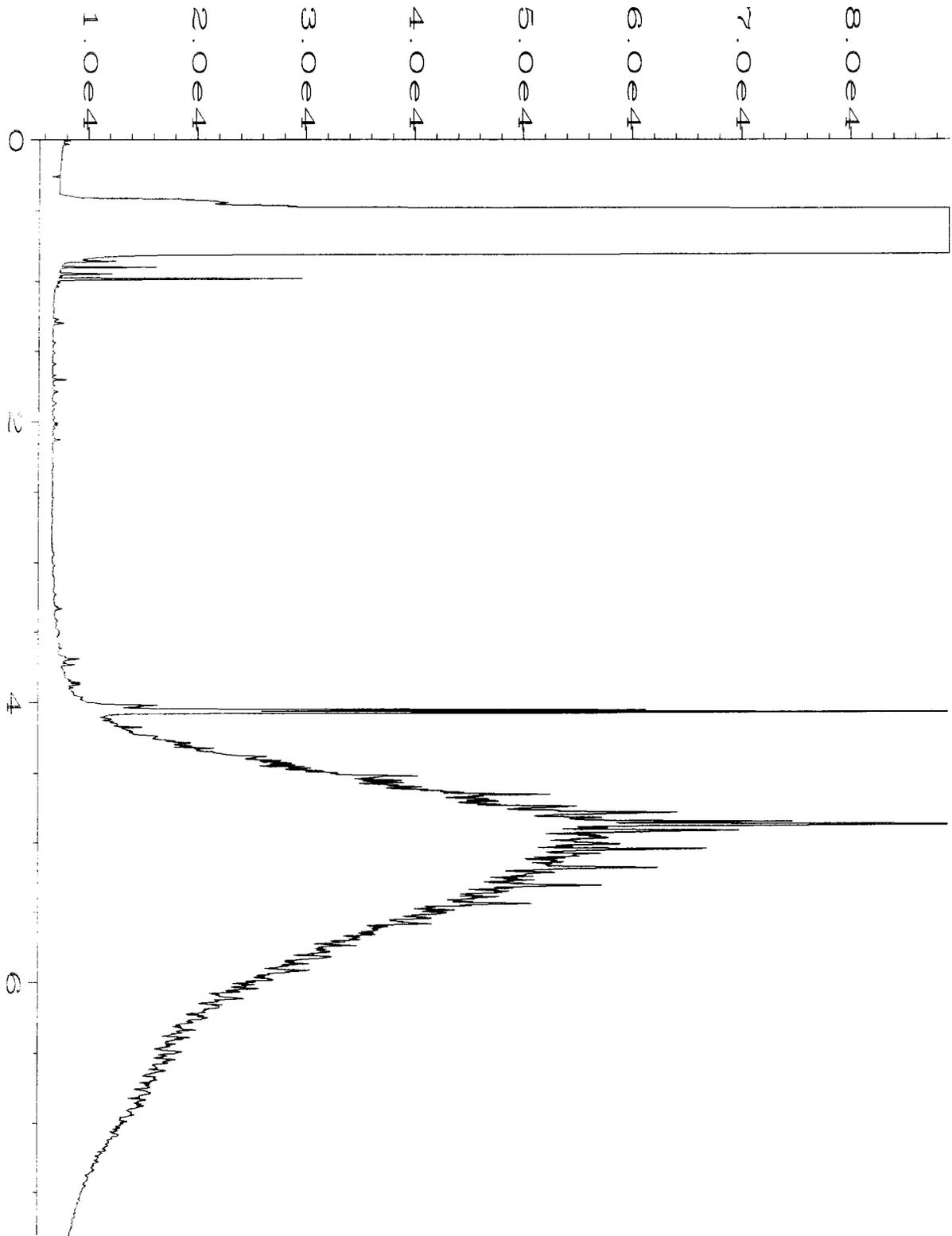
Data File Name	: C:\HPCHEM\1\DATA\10-13-14\018F0301.D	Page Number	: 1
Operator	: ME	Vial Number	: 18
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410195-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Oct 14 11:31 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 01:51 PM		



Data File Name	: C:\HPCHEM\1\DATA\10-13-14\006F0301.D	Page Number	: 1
Operator	: ME	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2062 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Oct 14 08:59 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 01:51 PM		



Data File Name	: C:\HPCHEM\1\DATA\10-13-14\003F0201.D	Page Number	: 1
Operator	: ME	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Oct 14 08:22 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 01:50 PM		



Data File Name	: C:\HPCHEM\1\DATA\10-13-14\002F0201.D	Page Number	: 1
Operator	: ME	Vial Number	: 2
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 MO 41-165D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Oct 14 08:10 AM	Analysis Method	: DX.MTH
Report Created on:	13 Oct 14 01:50 PM		

410195

SAMPLE CHAIN OF CUSTODY

ME 10/10/14

Page # 1 of 1 VSI/AO

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH <u>24 hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	Notes
CC8-70	CC8	70'	01AE	10/10/14	1130	SOIL	5	X	X	X	X	
BB9-69	BB9	69'	02V	10/10/14	1220	SOIL	5	X	X	X	X	
<i>JLL</i> 10/10/14								Samples received at <u>6</u> °C				

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	10/10/14	1837
Received by: <i>Jon Shlman</i>	Jon Shlman	F&B	L	L
Relinquished by:				
Received by:				

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

October 14, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 13, 2014 from the SOU_0731-004-05_20141013, F&BI 410212 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1014R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 13, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141013, F&BI 410212 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410212 -01	Z7-50
410212 -02	Z7-45
410212 -03	Z7-40
410212 -04	BB3-50
410212 -05	BB3-45
410212 -06	BB3-40
410212 -07	AA1-40
410212 -08	AA1-35
410212 -09	CC1-45
410212 -10	CC1-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-50	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-01
Date Analyzed:	10/13/14	Data File:	101335.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-45	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-02
Date Analyzed:	10/13/14	Data File:	101338.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z7-40	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-03
Date Analyzed:	10/13/14	Data File:	101339.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB3-50	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-04
Date Analyzed:	10/13/14	Data File:	101340.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB3-45	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-05
Date Analyzed:	10/13/14	Data File:	101341.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB3-40	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-06
Date Analyzed:	10/13/14	Data File:	101342.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-40	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-07
Date Analyzed:	10/13/14	Data File:	101343.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1-35	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-08
Date Analyzed:	10/13/14	Data File:	101344.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1-45	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-09
Date Analyzed:	10/13/14	Data File:	101345.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1-40	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	410212-10
Date Analyzed:	10/13/14	Data File:	101346.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141013, F&BI 410212
Date Extracted:	10/13/14	Lab ID:	04-2053 mb
Date Analyzed:	10/13/14	Data File:	101334.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/14/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410212

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410212-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	58	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	27-112
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	30-112
Tetrachloroethene	mg/kg (ppm)	2.5	0.026	83	27-110

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	70	42-107	3
Chloroethane	mg/kg (ppm)	2.5	77	78	47-115	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	80	65-110	0
Methylene chloride	mg/kg (ppm)	2.5	87	90	62-119	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	87	71-113	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	87	85	76-109	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	91	77-110	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	91	90	80-109	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	95	95	72-116	0
Trichloroethene	mg/kg (ppm)	2.5	89	90	72-107	1
Tetrachloroethene	mg/kg (ppm)	2.5	88	88	77-110	0

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

410212

SAMPLE CHAIN OF CUSTODY

ME 10/13/14

VS2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

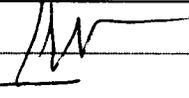
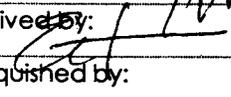
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hrs.
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
Z7-50	Z7	50	01 ^{AD}	10/13/14	1250	Soil	4				X								
Z7-45	Z7	45	02	10/13/14	1255	Soil	4				X								
Z7-40	Z7	40	03	10/13/14	1300	Soil	4				X								
BB3-50	BB3	50	04	10/13/14	1305	Soil	4				X								
BB3-45	BB3	45	05	10/13/14	1310	Soil	4				X								
BB3-40	BB3	40	06	10/13/14	1315	Soil	4				X								
AA1-40	AA1	40	07	10/13/14	1325	Soil	4				X								
AA1-35	AA1	35	08	10/13/14	1330	Soil	4				X								
CC1-45	CC1	45	09	10/13/14	1350	Soil	4				X								
CC1-40	CC1	40	10	10/13/14	1355	Soil	4				X								
								OP 10/13/14											

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: 	Courtney Porter	SoundEarth	10/13/14	1430
Received by: 	Eve Bruya	FB	10/13/14	1430
Relinquished by:				
Received by:				
			Samples received at <u>4</u> °C	

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
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fbi@isomedia.com
www.friedmanandbruya.com

October 17, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 13, 2014 from the SOU_0731-004-05_20141013, F&BI 410213 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loffler, Courtney Porter
SOU1017R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 13, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141013, F&BI 410213 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410213 -01	JJ23SSW-68
410213 -02	JJ21SSW-68
410213 -03	JJ16SSW-68
410213 -04	CC1WSW-63
410213 -05	DD1WSW-66
410213 -06	JJ8SSW-70
410213 -07	JJ6SSW-70
410213 -08	JJ4SSW-69

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410213

Date Extracted: 10/14/14

Date Analyzed: 10/14/14 and 10/15/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
CC1WSW-63 410213-04	<2	71
DD1WSW-66 410213-05	<2	83
Method Blank 04-2067 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410213

Date Extracted: 10/14/14

Date Analyzed: 10/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
CC1WSW-63 410213-04	<50	<250	113
DD1WSW-66 410213-05	<50	<250	99
Method Blank 04-2081 MB	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-63	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410213
Date Extracted:	10/14/14	Lab ID:	410213-04
Date Analyzed:	10/14/14	Data File:	101433.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-66	Client:	SoundEarth Strategies
Date Received:	10/13/14	Project:	SOU_0731-004-05_20141013, F&BI 410213
Date Extracted:	10/14/14	Lab ID:	410213-05
Date Analyzed:	10/14/14	Data File:	101434.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141013, F&BI 410213
Date Extracted:	10/14/14	Lab ID:	04-2056 mb
Date Analyzed:	10/14/14	Data File:	101424.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410213

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410213

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

Laboratory Code: 410218-01 (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	93	93	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/13/14

Project: SOU_0731-004-05_20141013, F&BI 410213

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410239-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	62	10-101	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	68	11-103	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	78	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	73	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	72	23-115	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	72	22-124	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	81	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	75	71	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	76	30-112	8
Toluene	mg/kg (ppm)	2.5	<0.05	77	72	34-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	74	27-110	9
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	78	38-111	5
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	80	38-112	6
o-Xylene	mg/kg (ppm)	2.5	<0.05	84	82	38-113	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	42-107
Chloroethane	mg/kg (ppm)	2.5	81	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	65-110
Methylene chloride	mg/kg (ppm)	2.5	92	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	86	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	84	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	72-116
Benzene	mg/kg (ppm)	2.5	84	75-107
Trichloroethene	mg/kg (ppm)	2.5	89	72-107
Toluene	mg/kg (ppm)	2.5	82	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	90	81-114
m,p-Xylene	mg/kg (ppm)	5	93	82-115
o-Xylene	mg/kg (ppm)	2.5	90	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

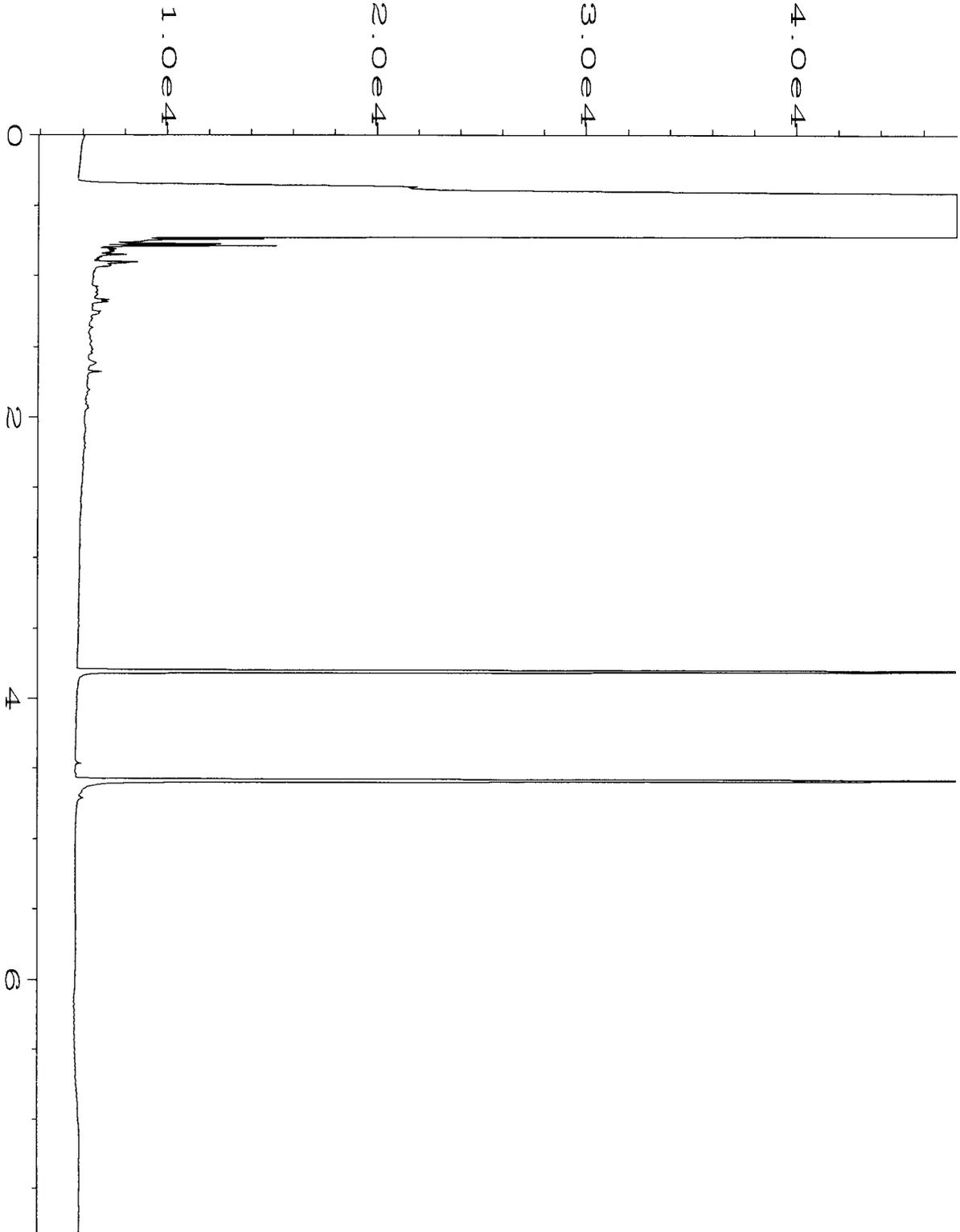
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

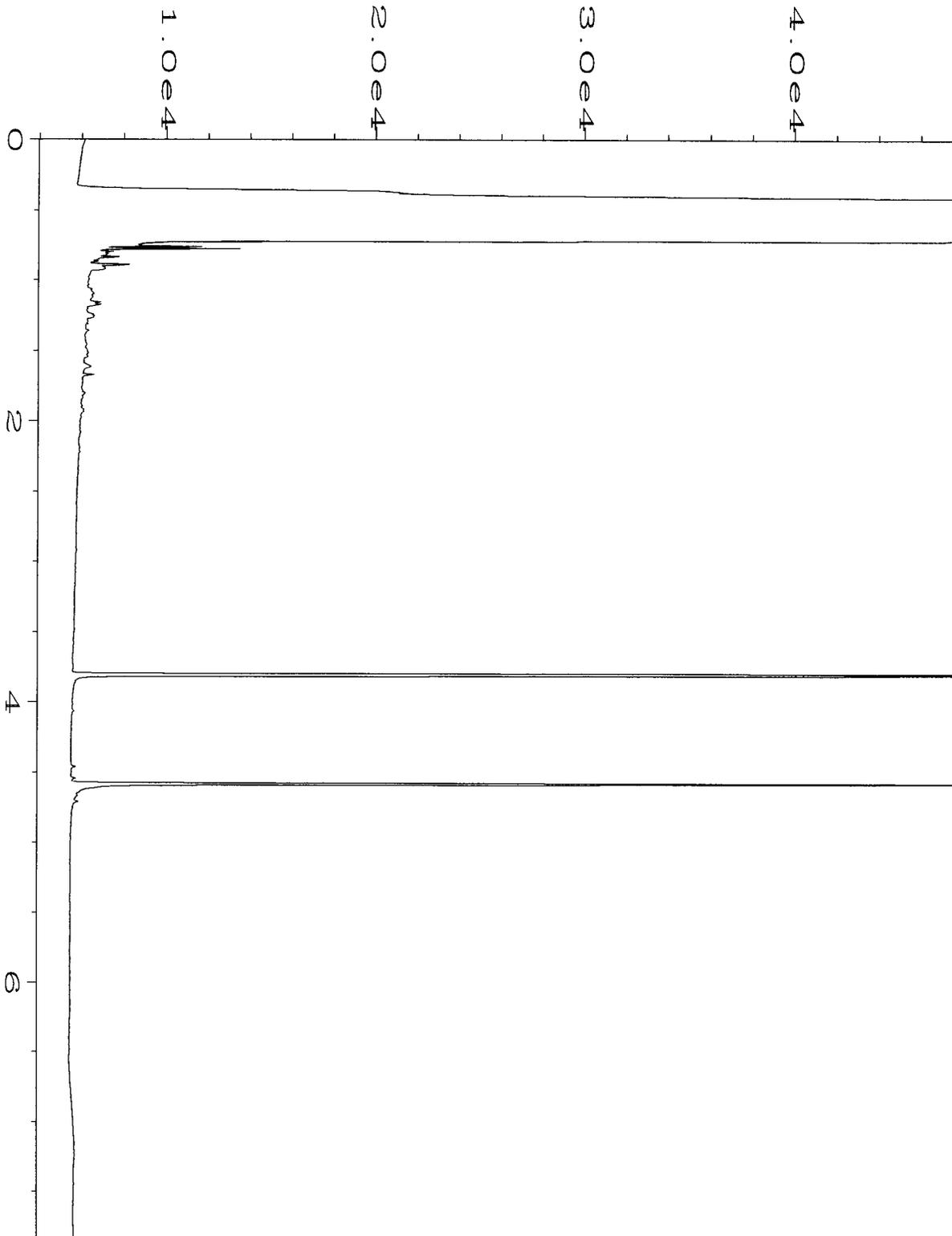
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

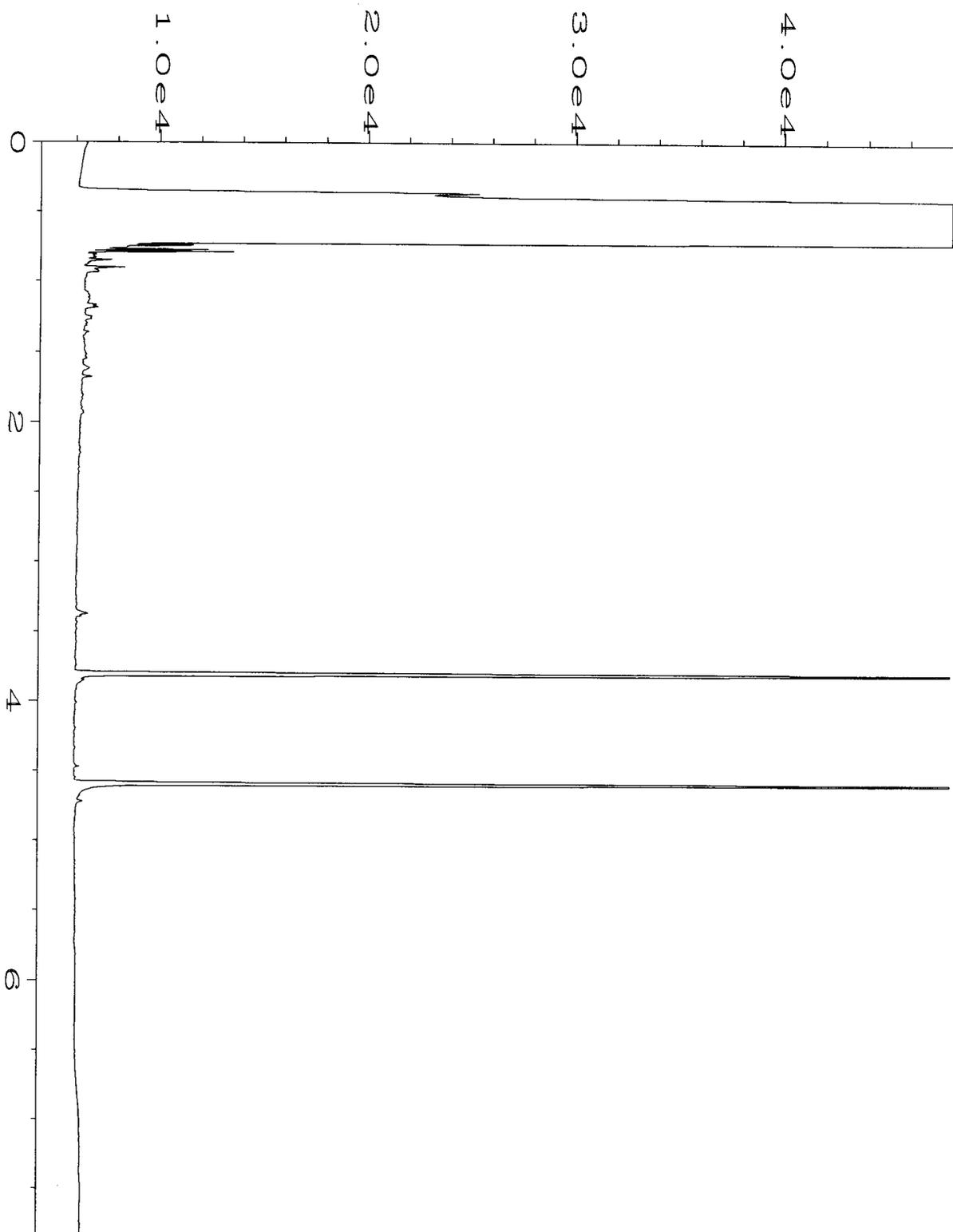
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



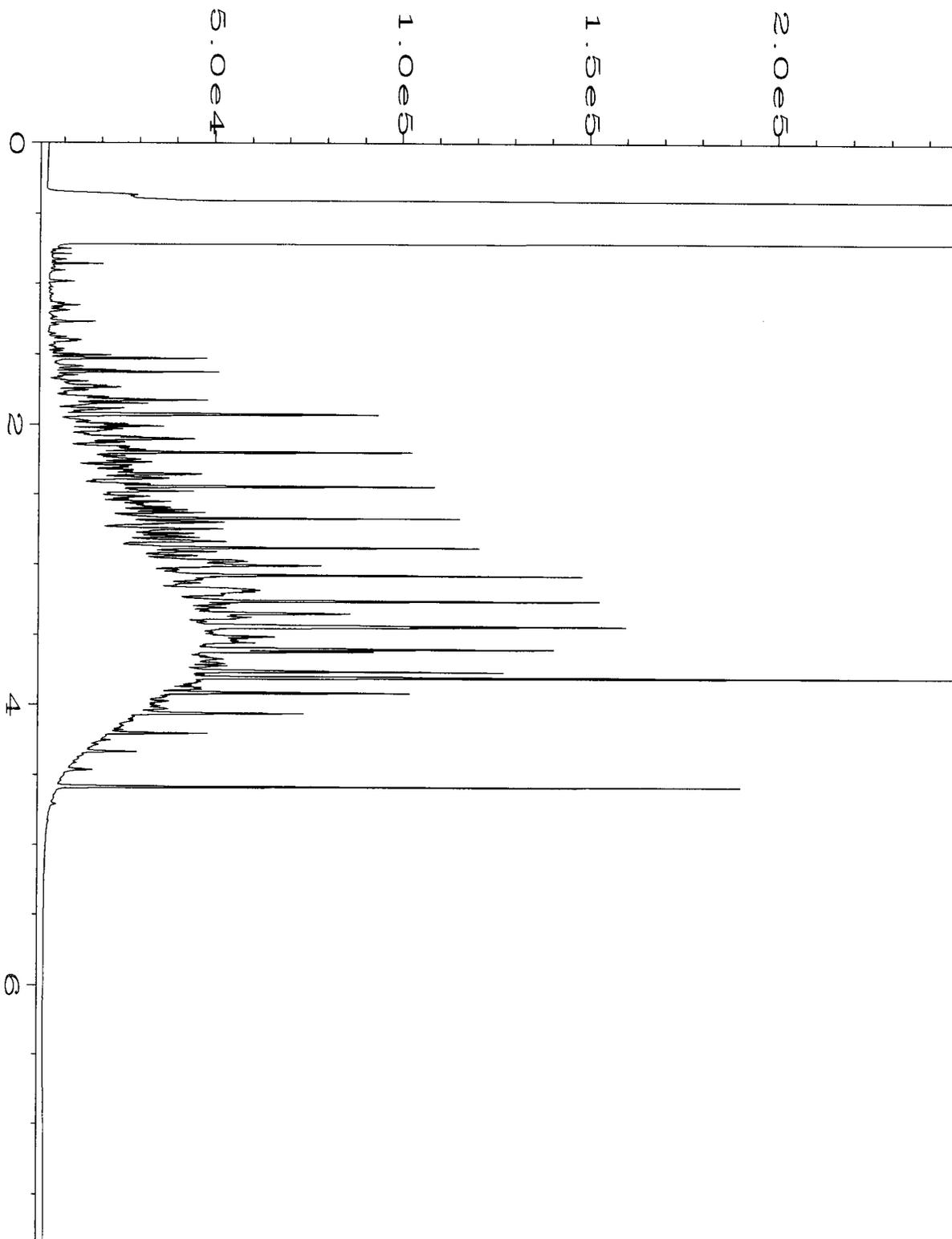
Data File Name	: C:\HPCHEM\6\DATA\10-15-14\009F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 9
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410213-04	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 10:21 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410213-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 10:34 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-14-14\006F0301.D	Page Number	: 1
Operator	: ME	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2081 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Oct 14 10:18 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		



Data File Name	: C:\HPCHEM\6\DATA\10-15-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 42-27B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Oct 14 08:45 AM	Analysis Method	: END.MTH
Report Created on:	15 Oct 14 01:59 PM		

410213

SAMPLE CHAIN OF CUSTODY

ME 10/13/14

052/ AOL

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

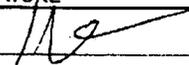
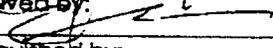
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per POK on 10/14/14	EIM Y

TURNAROUND TIME Standard (2 Weeks) ⊗ RUSH per PK 10/14/14 ML 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ23SSW-68	JJ23	68	01A	10/13/14	0725	Soil	5					*	
JJ21SSW-68	JJ21	68	02	10/13/14	0730	Soil	5					*	
JJ20SSW-68	JJ20	68	03	10/13/14	0740	Soil	5					*	
CC1WSW-63	CC1	63	04	10/13/14	0750	Soil	5	⊗	⊗	⊗	⊗	*	
DD1WSW-66	DD1	66	05	10/13/14	0800	Soil	5	⊗	⊗	⊗	⊗	*	
JJ8SSW-70	JJ8	70	06	10/13/14	0805	Soil	5					*	
JJ6SSW-70	JJ6	70	07	10/13/14	0825	Soil	5					*	
JJ4SSW-69	JJ4	69	08	10/13/14	0830	Soil	5					*	
CP 10/13/14													

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
	Courtney Porter	SoundEarth	10/13/14	1420
	Eric [unclear]	F&B	10/13/14	1430
Received by:				
Samples received at: 4 °C				

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

October 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 14, 2014 from the SOU_0731-004-05_20141014, F&BI 410239 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1015R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 14, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731-004-05 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410239 -01	Y12-40
410239 -02	Y12-35
410239 -03	Y12-30
410239 -04	W12-40
410239 -05	W12-35
410239 -06	W12-30
410239 -07	Duplicate22

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/15/14

Date Received: 10/14/14

Project: SOU_0731-004-05_20141014, F&BI 410239

Date Extracted: 10/14/14

Date Analyzed: 10/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Y12-40 410239-01	<2	71
Y12-35 410239-02	<2	84
Y12-30 410239-03	<2	84
W12-40 410239-04	<2	84
W12-35 410239-05	<2	71
W12-30 410239-06 1/20	210	97
Duplicate22 410239-07 1/20	200	97
Method Blank 04-2067 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y12-40	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-01
Date Analyzed:	10/14/14	Data File:	101425.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y12-35	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-02
Date Analyzed:	10/14/14	Data File:	101426.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y12-30	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-03
Date Analyzed:	10/14/14	Data File:	101427.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W12-40	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-04
Date Analyzed:	10/14/14	Data File:	101428.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W12-35	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-05
Date Analyzed:	10/14/14	Data File:	101429.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W12-30	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-06
Date Analyzed:	10/14/14	Data File:	101435.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	91	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate22	Client:	SoundEarth Strategies
Date Received:	10/14/14	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	410239-07
Date Analyzed:	10/14/14	Data File:	101436.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141014, F&BI 410239
Date Extracted:	10/14/14	Lab ID:	04-2056 mb
Date Analyzed:	10/14/14	Data File:	101424.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/15/14

Date Received: 10/14/14

Project: SOU_0731-004-05_20141014, F&BI 410239

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/15/14

Date Received: 10/14/14

Project: SOU_0731-004-05_20141014, F&BI 410239

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410239-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	55	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	62	10-101	8
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	68	11-103	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	78	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	73	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	72	23-115	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	72	22-124	8
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	81	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	75	71	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	76	30-112	8
Toluene	mg/kg (ppm)	2.5	<0.05	77	72	34-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	74	27-110	9
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	78	38-111	5
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	80	38-112	6
o-Xylene	mg/kg (ppm)	2.5	<0.05	84	82	38-113	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	72	42-107
Chloroethane	mg/kg (ppm)	2.5	81	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	65-110
Methylene chloride	mg/kg (ppm)	2.5	92	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	86	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	84	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	94	72-116
Benzene	mg/kg (ppm)	2.5	84	75-107
Trichloroethene	mg/kg (ppm)	2.5	89	72-107
Toluene	mg/kg (ppm)	2.5	82	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	90	81-114
m,p-Xylene	mg/kg (ppm)	5	93	82-115
o-Xylene	mg/kg (ppm)	2.5	90	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

410239

SAMPLE CHAIN OF CUSTODY

ME 10/14/14

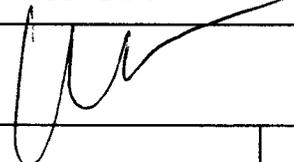
US2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

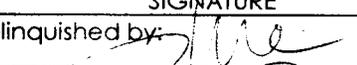
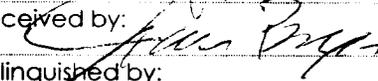
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) X RUSH 24 hrs. Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Y12-40	Y12	40	01A-D	10/14/14	1305	Soil	4	X	X		X	
Y12-35	Y12	35	02	10/14/14	1310	Soil	4	X	X		X	
Y12-30	Y12	30	03	10/14/14	1315	Soil	4	X	X		X	
W12-40	Y12	40	04	10/14/14	1325	Soil	4	X	X		X	
W12-35	Y12	35	05	10/14/14	1330	Soil	4	X	X		X	
W12-30	Y12	30	06	10/14/14	1335	Soil	4	X	X		X	
Duplicate 22	—	—	07	10/14/14	1340	Soil	4	X	X		X	
CP												
								10/14/14				
											Samples received at <u>5</u> °C	

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: 	Courtney Porter	SoundEarth	10/14/14	1505
Received by: 	James Bruya	F&B	10/14/14	1505
Relinquished by:				
Received by:				

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

October 17, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 16, 2014 from the SOU_0731-004-05_20141016, F&BI 410296 project. There are 25 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1017R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141016, F&BI 410296 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410296 -01	T5-40
410296 -02	T5-35
410296 -03	T5-30
410296 -04	U8-40
410296 -05	U8-35
410296 -06	U7-30
410296 -07	U7-25
410296 -08	T7-40
410296 -09	T7-35
410296 -10	T7-30
410296 -11	U10-40
410296 -12	U10-35
410296 -13	U10-30
410296 -14	Y5-48
410296 -15	Y5-45
410296 -16	Y5-40
410296 -17	AA7-50
410296 -18	AA7-45
410296 -19	Duplicate23

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410296

Date Extracted: 10/16/14

Date Analyzed: 10/16/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
T5-40 410296-01	<2	98
T5-30 410296-03	<2	98
U8-40 410296-04 1/20	1,200	ip
U8-35 410296-05 1/20	1,100	ip
Method Blank 04-2072 MB	<2	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-40	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-01
Date Analyzed:	10/16/14	Data File:	101621.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.041

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-35	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-02
Date Analyzed:	10/16/14	Data File:	101622.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	105	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-30	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-03
Date Analyzed:	10/16/14	Data File:	101623.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	104	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U8-40	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-04
Date Analyzed:	10/16/14	Data File:	101636.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	106	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	93	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.15

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U8-35	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-05
Date Analyzed:	10/16/14	Data File:	101637.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	93	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.48

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U7-30	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-06
Date Analyzed:	10/16/14	Data File:	101624.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U7-25	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-07
Date Analyzed:	10/16/14	Data File:	101625.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T7-40	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-08
Date Analyzed:	10/16/14	Data File:	101626.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.064

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T7-35	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-09
Date Analyzed:	10/16/14	Data File:	101627.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T7-30	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-10
Date Analyzed:	10/16/14	Data File:	101628.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U10-40	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-11
Date Analyzed:	10/17/14	Data File:	101639.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	86	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U10-35	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-12
Date Analyzed:	10/16/14	Data File:	101629.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U10-30	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-13
Date Analyzed:	10/17/14	Data File:	101638.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y5-48	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-14
Date Analyzed:	10/16/14	Data File:	101630.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y5-45	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-15
Date Analyzed:	10/16/14	Data File:	101631.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y5-40	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-16
Date Analyzed:	10/16/14	Data File:	101632.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA7-50	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-17
Date Analyzed:	10/16/14	Data File:	101633.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA7-45	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-18
Date Analyzed:	10/16/14	Data File:	101634.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	105	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate23	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	410296-19
Date Analyzed:	10/16/14	Data File:	101635.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141016, F&BI 410296
Date Extracted:	10/16/14	Lab ID:	04-2091 mb
Date Analyzed:	10/16/14	Data File:	101620.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410296

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410242-07 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/17/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410296

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410296-16 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	42	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	55	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	71	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	74	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	76	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	27-112
Benzene	mg/kg (ppm)	2.5	<0.03	77	26-114
Trichloroethene	mg/kg (ppm)	2.5	<0.02	80	30-112
Toluene	mg/kg (ppm)	2.5	<0.05	85	34-112
Tetrachloroethene	mg/kg (ppm)	2.5	0.040	83	27-110
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	38-111
m,p-Xylene	mg/kg (ppm)	5	<0.1	90	38-112
o-Xylene	mg/kg (ppm)	2.5	<0.05	87	38-113

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	68	67	42-107	1
Chloroethane	mg/kg (ppm)	2.5	74	72	47-115	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	79	79	65-110	0
Methylene chloride	mg/kg (ppm)	2.5	79	78	62-119	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	86	71-113	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	84	82	76-109	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	86	83	77-110	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	84	82	80-109	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	86	85	72-116	1
Benzene	mg/kg (ppm)	2.5	84	83	75-107	1
Trichloroethene	mg/kg (ppm)	2.5	88	86	72-107	2
Toluene	mg/kg (ppm)	2.5	92	93	79-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	91	91	77-110	0
Ethylbenzene	mg/kg (ppm)	2.5	92	93	81-114	1
m,p-Xylene	mg/kg (ppm)	5	92	94	82-115	2
o-Xylene	mg/kg (ppm)	2.5	92	92	81-116	0

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410296

SAMPLE CHAIN OF CUSTODY

ME 10-16-14

VS3

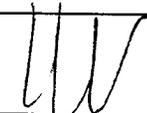
2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

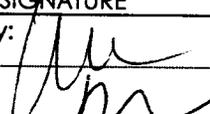
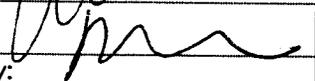
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
T5-40	T5	40	01A-D	10/16/14	1215	Soil	4	X	X		X	
T5-35	T5	35	02	10/16/14	1220	Soil	4				X	
T5-30	T5	30	03	10/16/14	1225	Soil	4	X	X		X	
U8-40	U8	40	04	10/16/14	1310	Soil	4	X	X		X	
U8-35	U8	35	05	10/16/14	1315	Soil	4	X	X		X	
U7-30	U7	30	06	10/16/14	1320	Soil	4				X	
U7-25	U7	25	07	10/16/14	1325	Soil	4				X	
T7-40	T7	40	08	10/16/14	1330	Soil	4				X	
T7-35	T7	35	09	10/16/14	1335	Soil	4				X	
T7-30	T7	30	10	10/16/14	1345	Soil	4				X	
U10-40	U10	40	11	10/16/14	1350	Soil	4				X	
U10-35	U10	35	12	10/16/14	1355	Soil	4				X	Sampled, received at <u>41°C</u>
U10-30	U10	30	13	10/16/14	1400	Soil	4				X	

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: 	Courtney Porter	SoundEarth	10/16/14	1500
Received by: 	Pete Kingston	FIBer	10/16/14	1500
Relinquished by:				
Received by:				

410296

SAMPLE CHAIN OF CUSTODY

ME 10-16-14

VR3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks)
X RUSH 24-hr

Rush charges authorized by:
P. KINGSTON

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Y5-48	Y5	48	14A-D	10/16/14	1405	soil	2				X	
Y5-45	Y5	45	15	10/16/14	1410	soil	4				X	
Y5-40	Y5	40	16	10/16/14	1415	soil	4				X	
AA7-50	AA7	50	17	10/16/14	1425	soil	4				X	
AA7-45	AA7	45	18	10/16/14	1430	soil	4				X	
Duplicate 23	—	—	19	10/16/14	1340	soil	4				X	
CP 10/16/14												
Samples received at <u>YLC</u>												

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:	Courtney Porter	SoundEarth	10/16/14	1500
Received by:	Pete Kingston	FRP	10/16/14	1500
Relinquished by:				
Received by:				

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

October 30, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 16, 2014 from the SOU_0731-004-05_20141016, F&BI 410297 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature is cursive and appears to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1030R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141016, F&BI 410297 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410297-01	JJ24SSW-68
410297-02	JJ28SSW-68
410297-03	JJ30SESW-68
410297-04	JJ24SSW-63
410297-05	JJ28SSW-63
410297-06	JJ30SESW-63
410297-07	U30ESW-68
410297-08	U30ESW-63
410297-09	EE1WSW-62
410297-10	DD1WSW-61
410297-11	JJ30SESW-58
410297-12	JJ28SSW-58
410297-13	JJ24SSW-58
410297-14	JJ23SSW-63
410297-15	JJ23SSW-58
410297-16	JJ21SSW-63
410297-17	JJ21SSW-58
410297-18	JJ16SSW-63
410297-19	DD1WSW-56
410297-20	EE1WSW-57

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

Date Extracted: 10/24/14

Date Analyzed: 10/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
U30ESW-68 410297-07	<2	100
Method Blank 04-2164 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

Date Extracted: 10/27/14

Date Analyzed: 10/27/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
U30ESW-68 410297-07	<50	<250	96
Method Blank 04-2179 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U30ESW-68	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/24/14	Lab ID:	410297-07
Date Analyzed:	10/24/14	Data File:	102426.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/24/14	Lab ID:	04-2143 mb
Date Analyzed:	10/24/14	Data File:	102416.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	94	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

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

Laboratory Code: 410470-02 (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	107	96	63-146	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410364-04 (Matrix Spike)

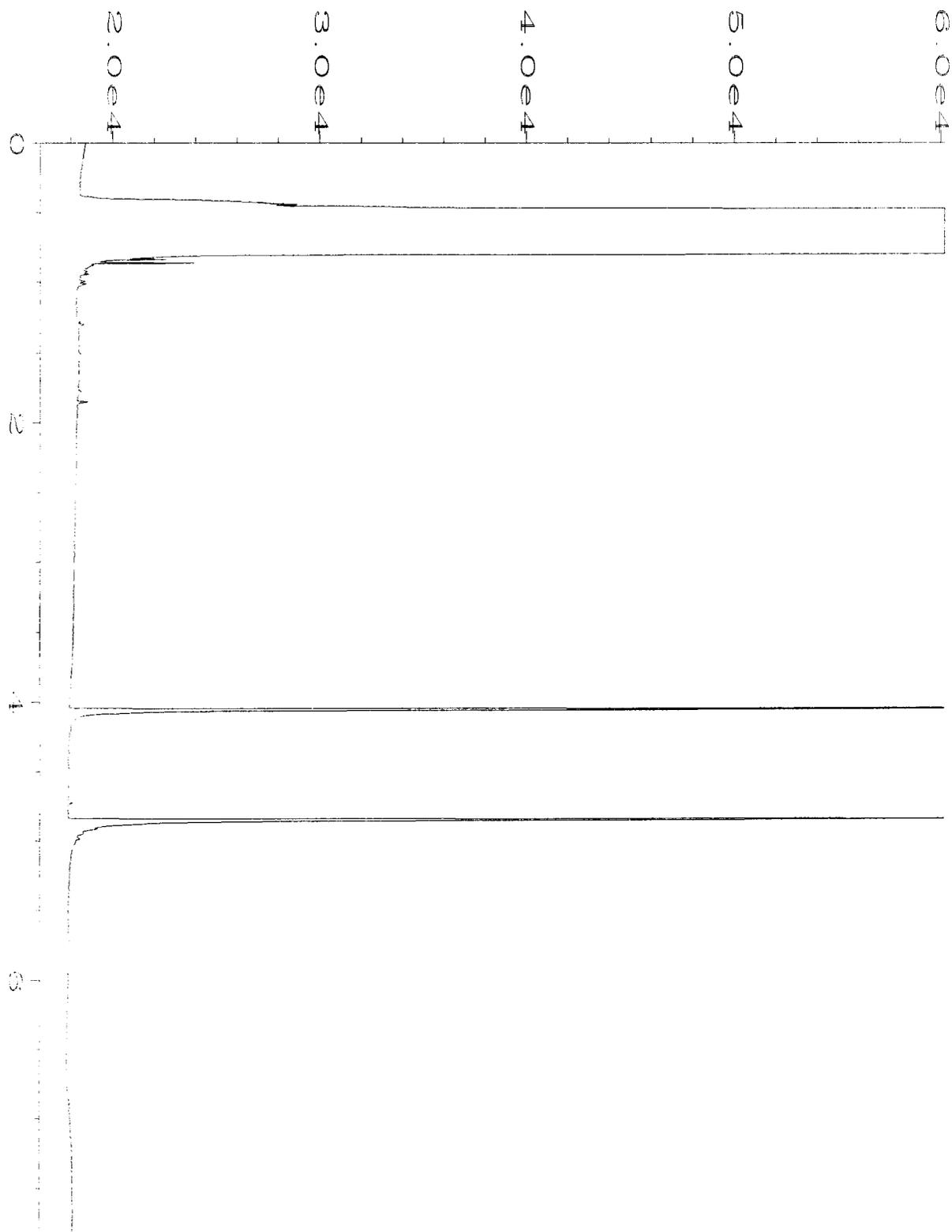
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	58	58	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	65	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	68	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	94	90	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	78	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	83	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	88	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	84	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	80	10-156	6
Benzene	mg/kg (ppm)	2.5	0.15	83	79	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	79	21-139	6
Toluene	mg/kg (ppm)	2.5	0.49	81	77	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	79	20-133	5
Ethylbenzene	mg/kg (ppm)	2.5	1.9	86 b	74 b	32-137	15 b
m,p-Xylene	mg/kg (ppm)	5	2.0	85 b	75 b	34-136	12 b
o-Xylene	mg/kg (ppm)	2.5	2.0	88 b	76 b	33-134	15 b

Laboratory Code: Laboratory Control Sample

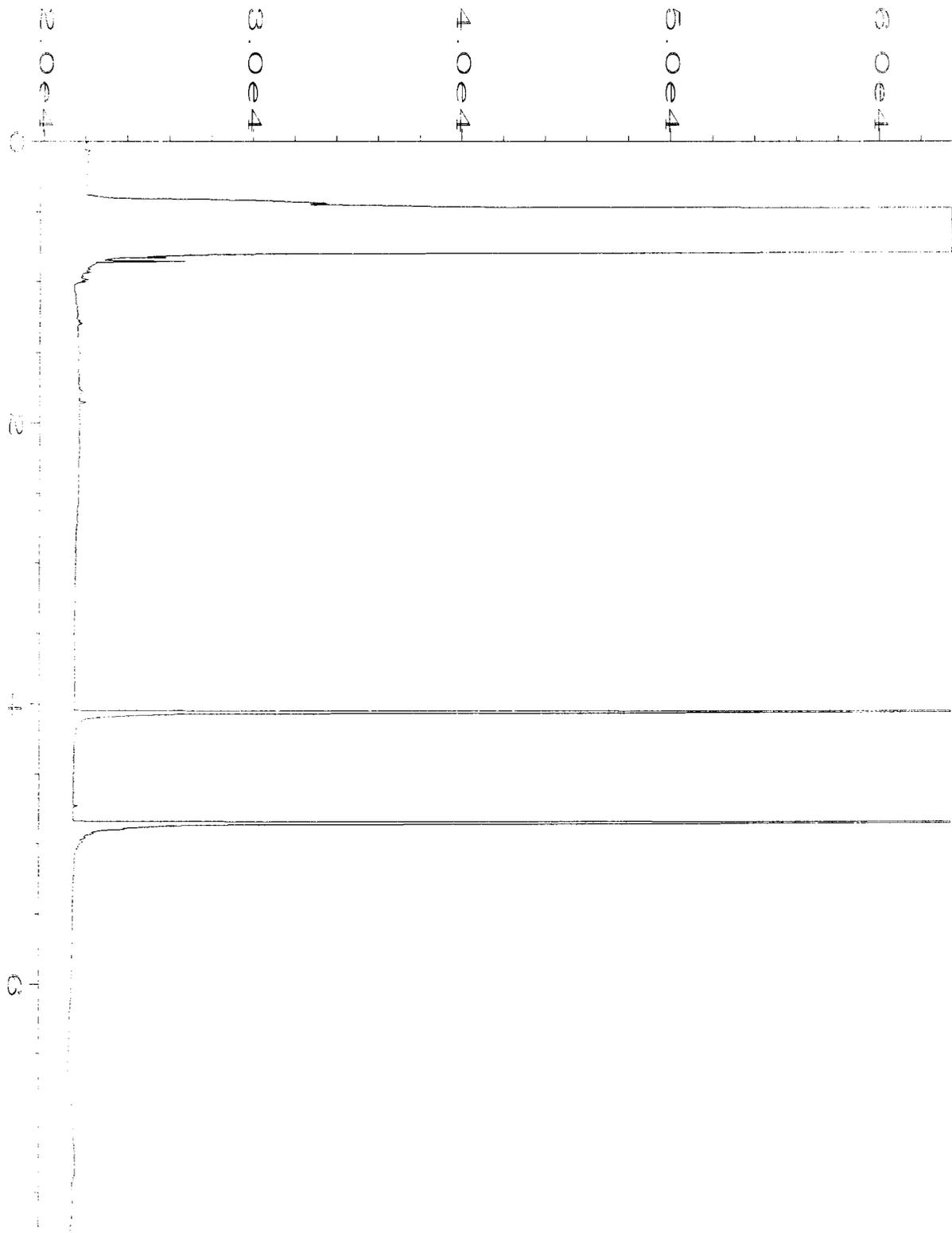
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	80	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	79	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	89	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Benzene	mg/kg (ppm)	2.5	90	68-114
Trichloroethene	mg/kg (ppm)	2.5	88	64-117
Toluene	mg/kg (ppm)	2.5	94	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	100	72-114
Ethylbenzene	mg/kg (ppm)	2.5	95	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	99	77-124

Data Qualifiers & Definitions

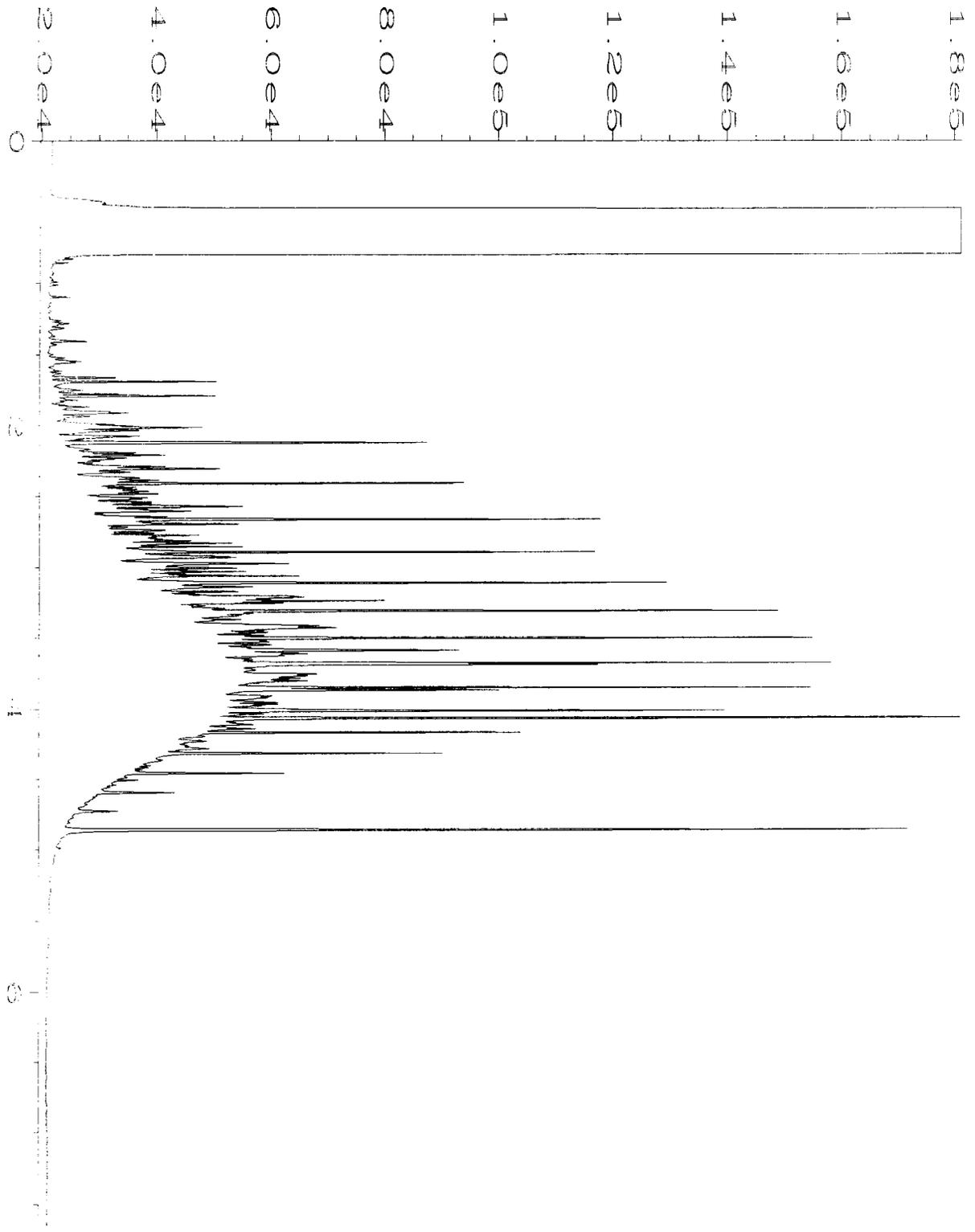
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\016F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410297-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 11:09 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:46 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2179 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 09:07 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 08:54 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		

410297

SAMPLE CHAIN OF CUSTODY

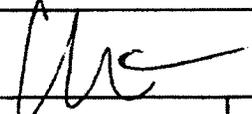
ME 10-16-14 VS3/104

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

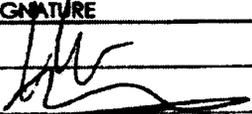
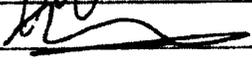
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. Troy Laundry Property		PO # 0731-004-05
REMARKS Q = Run per PJK on 10/20/14 A = Run per TJK on 10/21/14		EIM Y

TURNAROUND TIME 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	GRPH by MWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by MWTPH-Dx	eVOCs by EPA 8280C	Hold	Notes
JJ245SW-66	JJ24	66	01A E	10/15/14	0805	Soil	5					X	
JJ265SW-66	JJ26	66	02	10/15/14	0810	Soil	5					X	
JJ305SW-66	JJ30	66	03	10/15/14	0820	Soil	5					X	
JJ245SW-63	JJ24	63	04	10/15/14	0825	Soil	5					X	
JJ285SW-63	JJ28	63	05	10/15/14	1140	Soil	5					X	
JJ305SW-63	JJ30	63	06	10/15/14	1145	Soil	5	ⓧ	ⓧ	ⓧ	ⓧ	X	
U30ESW-66	U30	66	07	10/15/14	1305	Soil	5	X	X	X	X	X	X = Run per PJK on 10/22/14
U30ESW-63	U30	63	08	10/15/14	1310	Soil	5					X	
EE1WSW-62	EE1	62	09	10/16/14	0745	Soil	5					X	
DD1WSW-61	DD1	61	10	10/16/14	0750	Soil	5	A	A	A	A	X	Samples received at 4°C
JJ305SW-56	JJ30	56	11	10/16/14	0815	Soil	5					X	
JJ285SW-56	JJ28	56	12	10/16/14	0820	Soil	5					X	
JJ245SW-56	JJ24	56	13	10/16/14	0910	Soil	5					X	

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: 	Courtney Porter	SoundEarth	10/16/14	1500
Received by: 	Walt Lyston	FBE	10/16/14	1500
Relinquished by:				
Received by:				

410297

SAMPLE CHAIN OF CUSTODY

ME 10-16-14

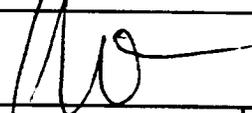
Page # 2 of 103/124

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

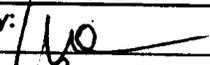
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EM Y

TURNAROUND TIME 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8280C	Notes
JJ23SSW-63	JJ23	63	14AE	10/16/14	0915	Soil	5	⊗	⊗	⊗	⊗	held
JJ23SSW-58	JJ23	58	15T	10/16/14	0920	Soil	5					
JJ21SSW-63	JJ21	63	16	10/16/14	0930	Soil	5					
JJ21SSW-58	JJ21	58	17	10/16/14	0935	Soil	5					
JJ16SSW-63	JJ16	63	18	10/16/14	1045	Soil	5					
DD1SSW-56	DD1	56	19	10/16/14	1055	Soil	5	⊗	⊗	⊗	⊗	
EE1SSW-57	EE1	57	20	10/16/14	1100	Soil	5	⊗	⊗	⊗	⊗	
CP 10/16/14												
Samples received at <u>4</u> °C												

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: 	Courtney Porter	SoundEarth	10/16/14	1500
Received by: 	Antt Gyrdan	FISER	10/16/14	1500
Relinquished by:				
Received by:				

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

October 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 16, 2014 from the SOU_0731-004-05_20141016, F&BI 410297 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1027R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141016, F&BI 410297 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410297-01	JJ24SSW-68
410297-02	JJ28SSW-68
410297-03	JJ30SESW-68
410297-04	JJ24SSW-63
410297-05	JJ28SSW-63
410297-06	JJ30SESW-63
410297-07	U30ESW-68
410297-08	U30ESW-63
410297-09	EE1WSW-62
410297-10	DD1WSW-61
410297-11	JJ30SESW-58
410297-12	JJ28SSW-58
410297-13	JJ24SSW-58
410297-14	JJ23SSW-63
410297-15	JJ23SSW-58
410297-16	JJ21SSW-63
410297-17	JJ21SSW-58
410297-18	JJ16SSW-63
410297-19	DD1WSW-56
410297-20	EE1WSW-57

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
JJ30SESW-63 410297-06	<2	97
DD1WSW-61 410297-10	<2	94
JJ23SSW-63 410297-14	<2	93
DD1WSW-56 410297-19	<2	98
Method Blank 04-2119 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

Date Extracted: 10/21/14 and 10/22/14

Date Analyzed: 10/21/14 and 10/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ30SESW-63 410297-06	<50	<250	98
DD1WSW-61 410297-10	<50	<250	111
JJ23SSW-63 410297-14	<50	<250	92
DD1WSW-56 410297-19	<50	<250	91
Method Blank 04-2133 MB	<50	<250	91
Method Blank 04-2155 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ30SESW-63	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/20/14	Lab ID:	410297-06
Date Analyzed:	10/20/14	Data File:	102011.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-61	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/21/14	Lab ID:	410297-10
Date Analyzed:	10/21/14	Data File:	102124.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ23SSW-63	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/20/14	Lab ID:	410297-14
Date Analyzed:	10/20/14	Data File:	102012.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-56	Client:	SoundEarth Strategies
Date Received:	10/16/14	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/20/14	Lab ID:	410297-19
Date Analyzed:	10/20/14	Data File:	102013.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/21/14	Lab ID:	04-2136 mb
Date Analyzed:	10/21/14	Data File:	102108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141016, F&BI 410297
Date Extracted:	10/20/14	Lab ID:	04-2095 mb
Date Analyzed:	10/20/14	Data File:	102008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410392-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

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

Laboratory Code: 410297-14 (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	102	105	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

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

Laboratory Code: 410395-01 (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	101	93	64-133	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410341-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	74	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	99	96	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	89	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	92	91	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	90	89	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	92	10-156	1
Benzene	mg/kg (ppm)	2.5	<0.03	89	88	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	85	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	92	90	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	91	20-133	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	92	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	93	93	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	99	96	33-134	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	107	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Benzene	mg/kg (ppm)	2.5	99	68-114
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Toluene	mg/kg (ppm)	2.5	100	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	108	77-124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/16/14

Project: SOU_0731-004-05_20141016, F&BI 410297

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410357-01 (Matrix Spike)

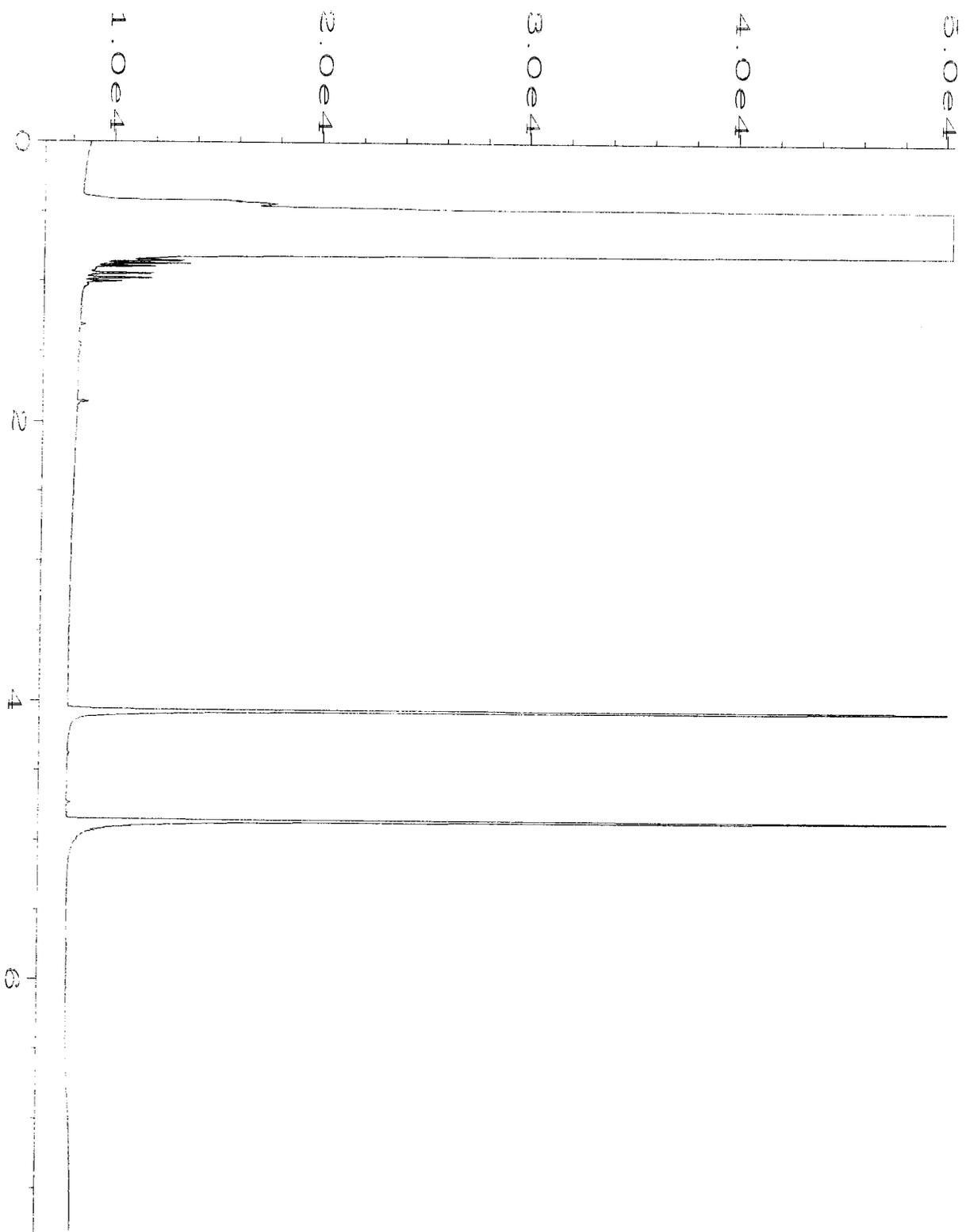
Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	48	48	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	60	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	60	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	81	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	69	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	79	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	78	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	72	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	78	78	35-130	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	78	77	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	79	79	32-137	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	80	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	83	33-134	0

Laboratory Code: Laboratory Control Sample

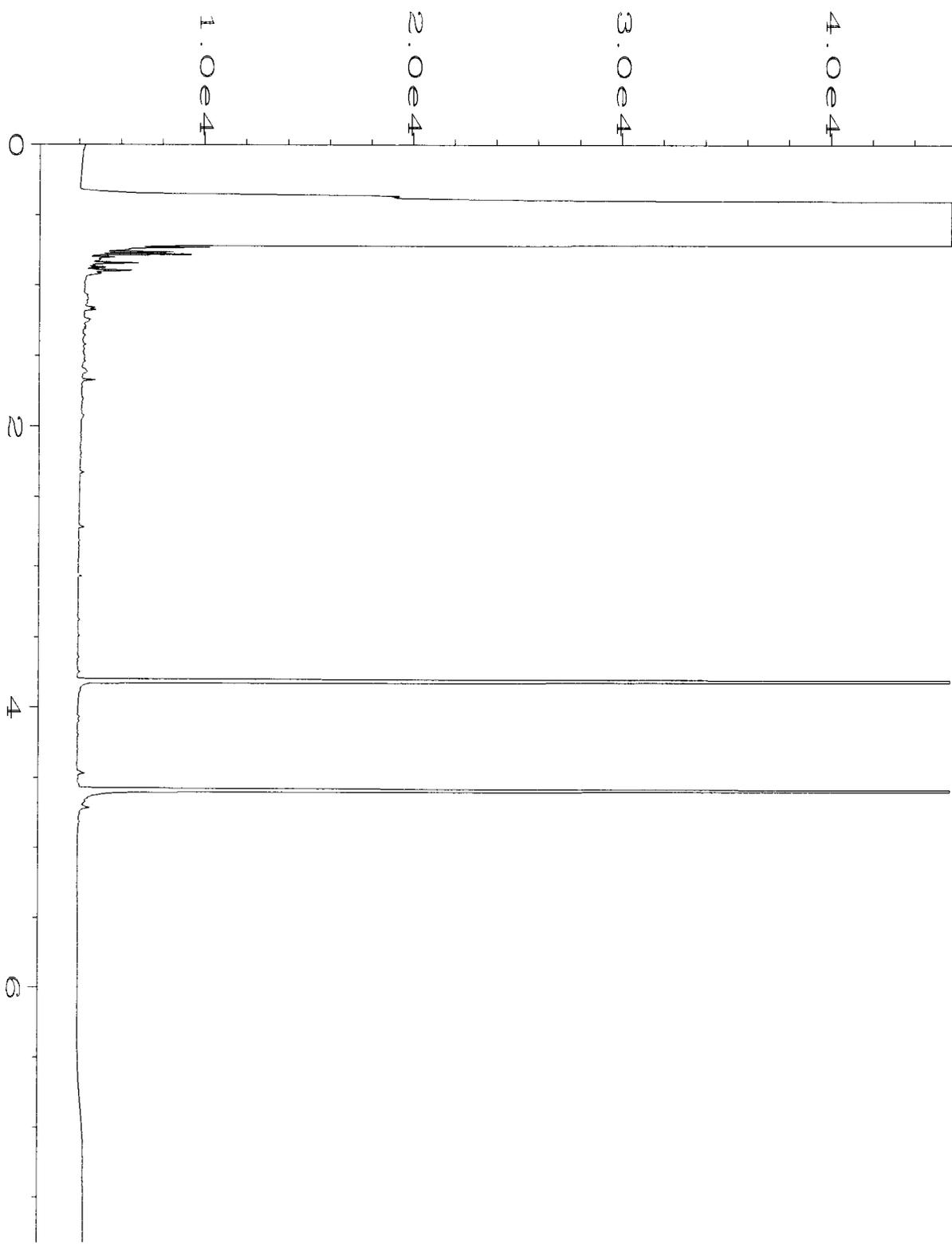
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	81	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	102	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	90	64-117
Toluene	mg/kg (ppm)	2.5	95	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	100	77-124

Data Qualifiers & Definitions

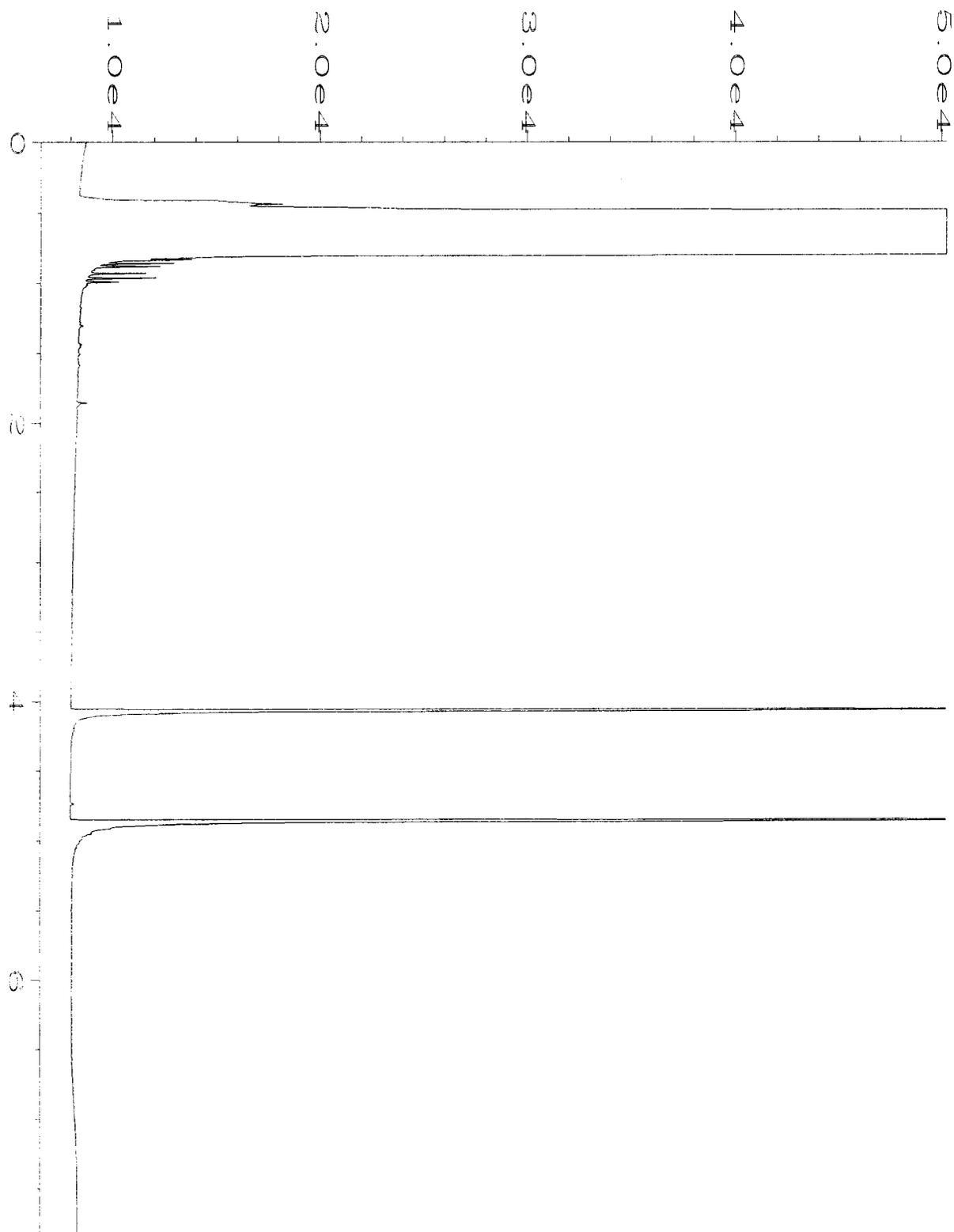
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



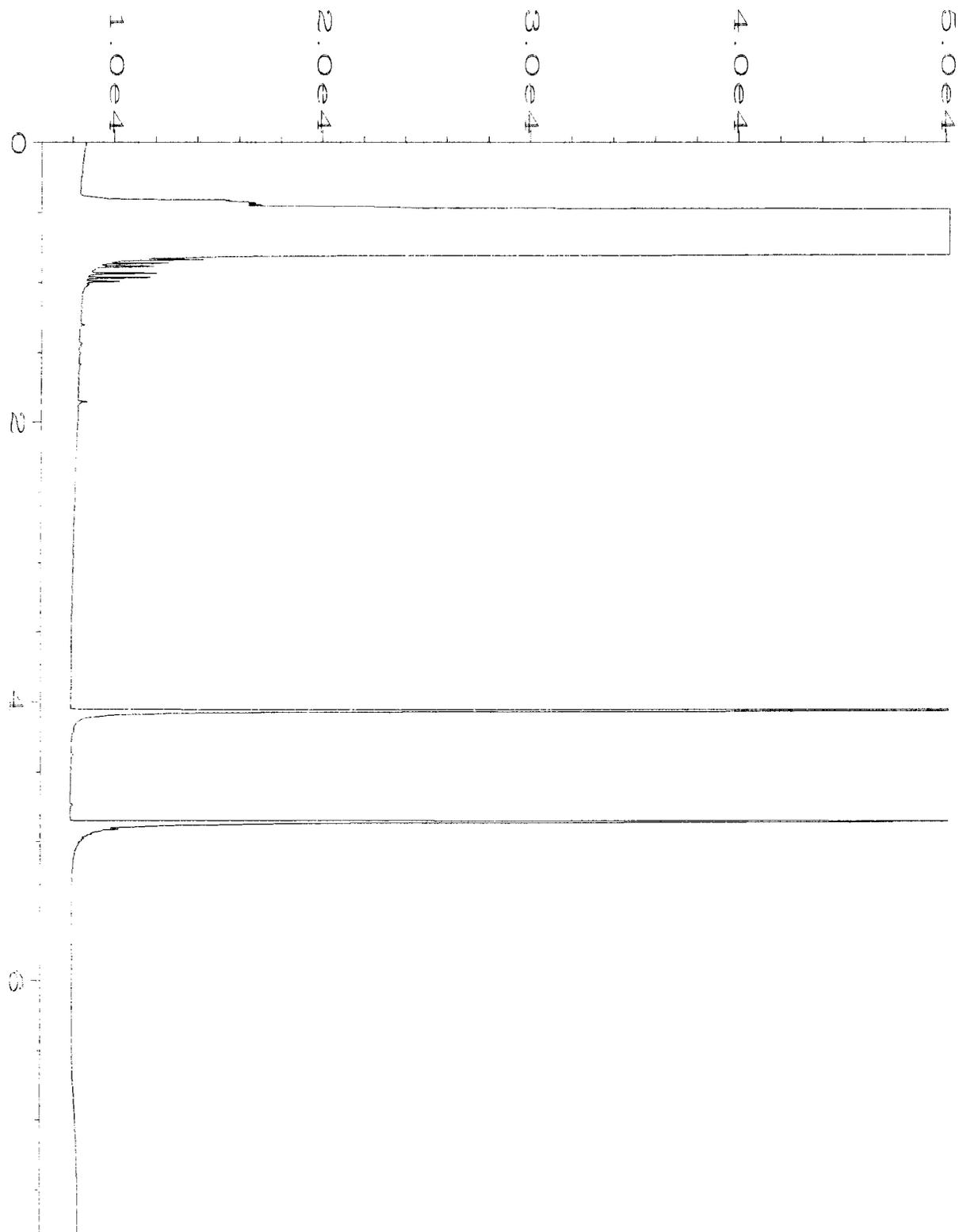
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Operator	: mwdl	Vial Number	: 24
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410297-06	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Oct 14 01:51 PM	Analysis Method	: END.MTH
Report Created on:	22 Oct 14 09:26 AM		



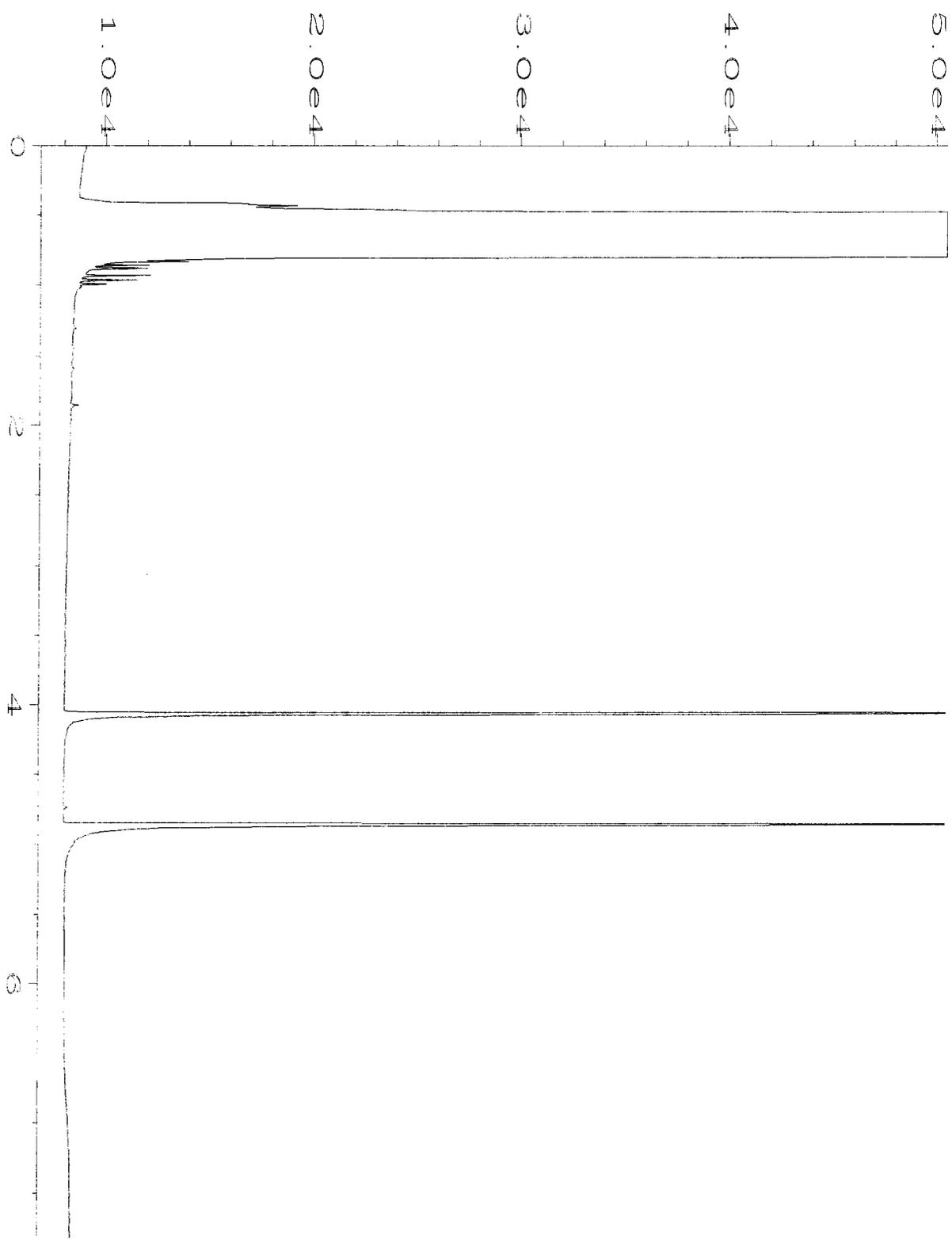
Data File Name	: C:\HPCHEM\6\DATA\10-22-14\039F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 39
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410297-10	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 07:13 PM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:14 AM		



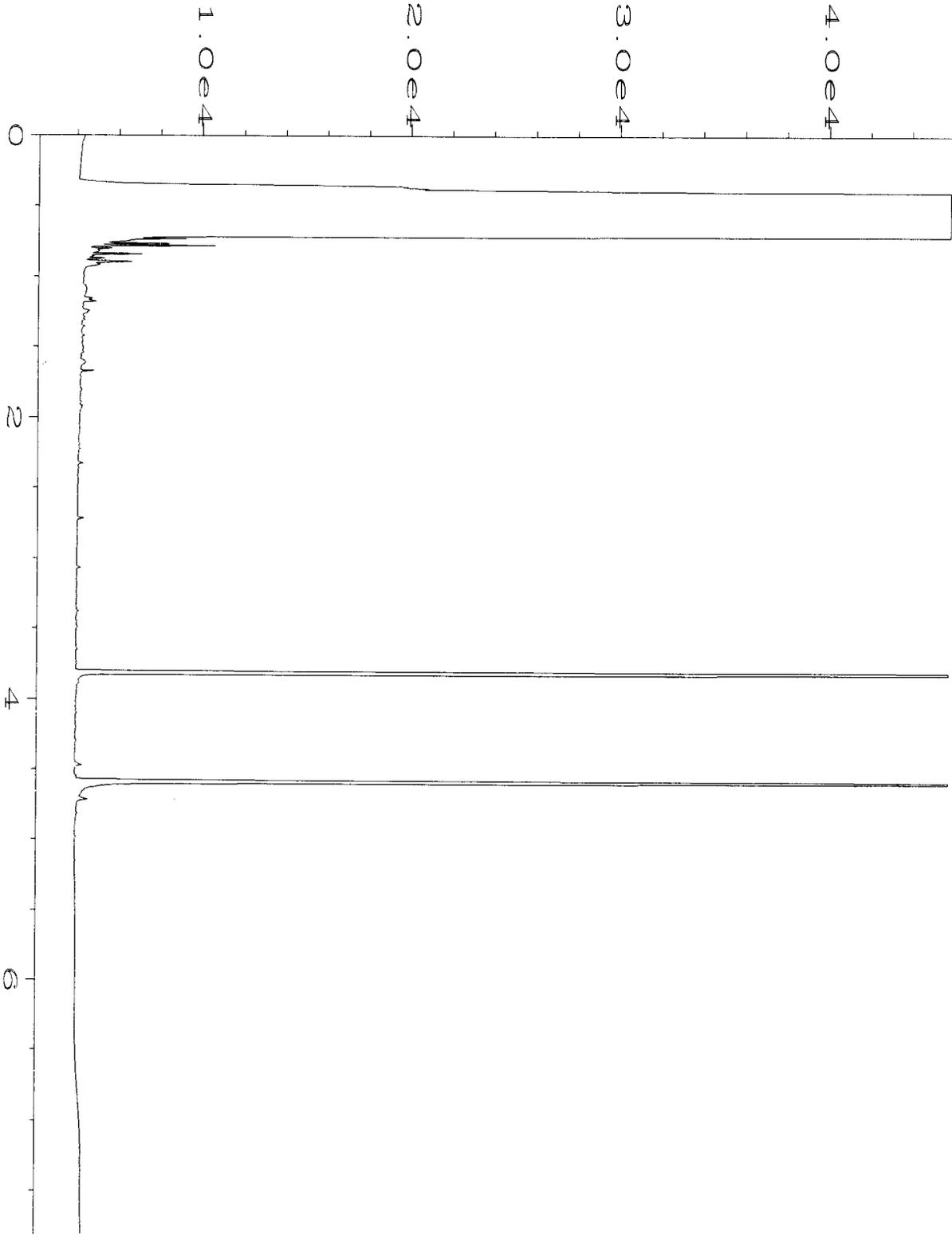
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Operator	: mwdl	Vial Number	: 25
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410297-14	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Oct 14 02:03 PM	Analysis Method	: END.MTH
Report Created on:	22 Oct 14 09:26 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-21-14\026F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 26
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410297-19	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Oct 14 02:16 PM	Analysis Method	: END.MTH
Report Created on:	22 Oct 14 09:26 AM		

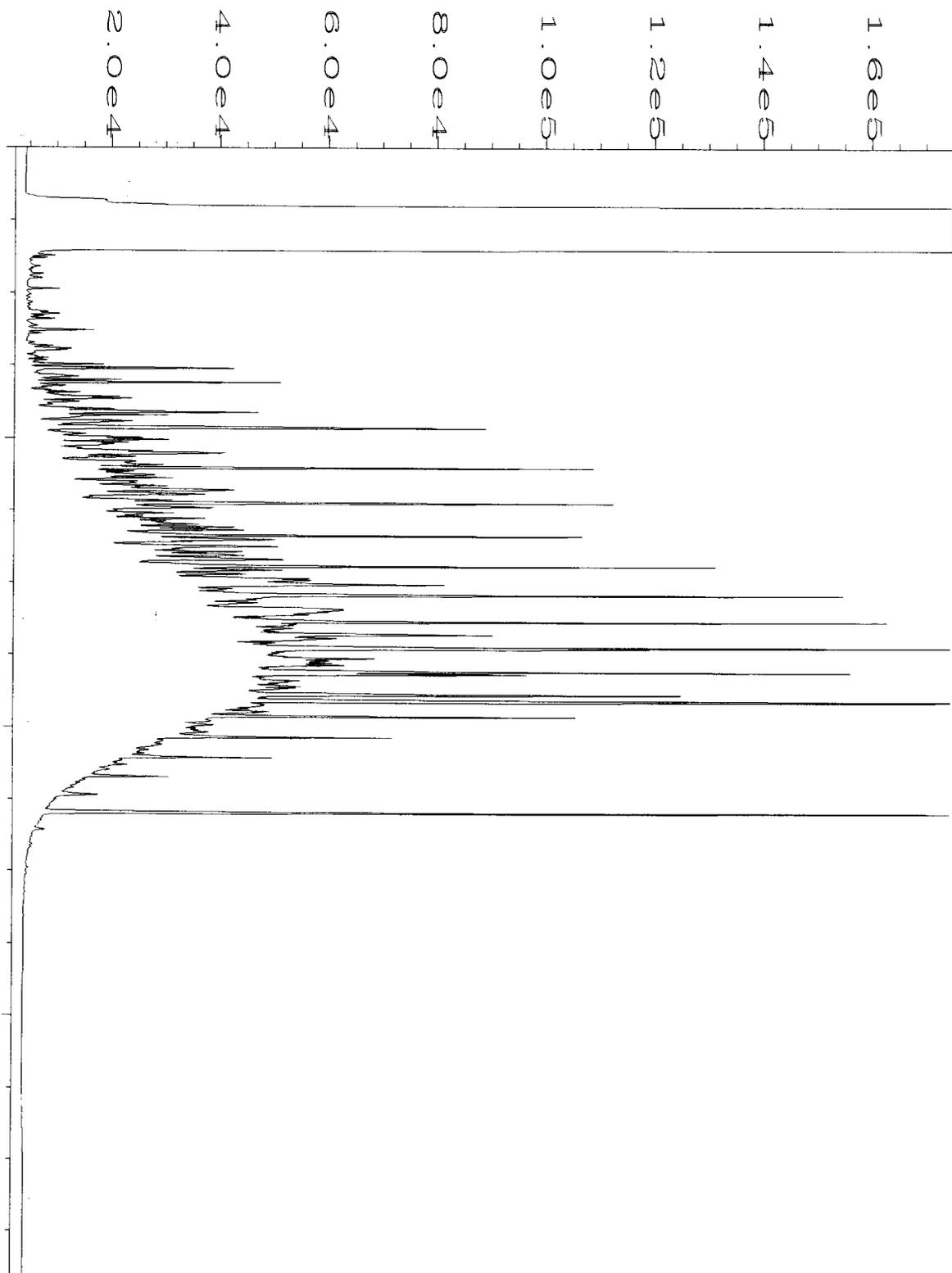


Data File Name	: C:\HPCHEM\1\DATA\10-21-14\020F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2133 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Oct 14 01:01 PM	Analysis Method	: END.MTH
Report Created on:	22 Oct 14 09:26 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\014F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 14
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2155 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 11:40 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:15 AM		

Data File Name :
 Operator :
 Instrument :
 Sample Name :
 Run Time Bar Code :
 Acquired on :
 Report Created on :



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:16 AM		

410297

SAMPLE CHAIN OF CUSTODY

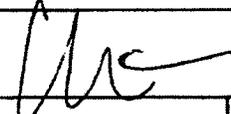
ME 10-16-14 VS3/104

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

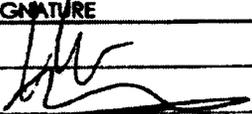
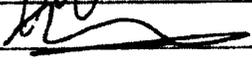
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. Troy Laundry Property		PO # 0731-004-05
REMARKS Q = Run per PJK on 10/20/14. A = Run per TJK on 10/21/14		EIM Y

TURNAROUND TIME 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	GRPH by MWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by MWTPH-Dx	eVOCs by EPA 8280C	Hold	Notes
JJ245SW-66	JJ24	66	01A E	10/15/14	0805	Soil	5					X	
JJ265SW-66	JJ26	66	02 T	10/15/14	0810	Soil	5					X	
JJ305SW-66	JJ30	66	03	10/15/14	0820	Soil	5					X	
JJ245SW-63	JJ24	63	04	10/15/14	0825	Soil	5					X	
JJ285SW-63	JJ28	63	05	10/15/14	1140	Soil	5					X	
JJ305SW-63	JJ30	63	06	10/15/14	1145	Soil	5	ⓧ	ⓧ	ⓧ	ⓧ	X	
U30ESW-66	U30	66	07	10/15/14	1305	Soil	5	X	X	X	X	X	X = Run per PJK on 10/22/14
U30ESW-63	U30	63	08	10/15/14	1310	Soil	5					X	
EE1WSW-62	EE1	62	09	10/16/14	0745	Soil	5					X	
DD1WSW-61	DD1	61	10	10/16/14	0750	Soil	5	A	A	A	A	X	Samples received at 4°C
JJ305SW-56	JJ30	56	11	10/16/14	0815	Soil	5					X	
JJ285SW-56	JJ28	56	12	10/16/14	0820	Soil	5					X	
JJ245SW-56	JJ24	56	13	10/16/14	0910	Soil	5					X	

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: 	Courtney Porter	SoundEarth	10/16/14	1500
Received by: 	Walt Lyston	FBI	10/16/14	1500
Relinquished by:				
Received by:				

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

October 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 17, 2014 from the SOU_0731-004-05_20141017, F&BI 410331 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1027R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 17, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141017, F&BI 410331 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410331-01	U30ESW-58
410331-02	G31ESW-57

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/17/14

Project: SOU_0731-004-05_20141017, F&BI 410331

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
U30ESW-58 410331-01	<2	94
Method Blank 04-2119 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/17/14

Project: SOU_0731-004-05_20141017, F&BI 410331

Date Extracted: 10/20/14

Date Analyzed: 10/20/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
U30ESW-58 410331-01	<50	<250	96
Method Blank 04-2127 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U30ESW-58	Client:	SoundEarth Strategies
Date Received:	10/17/14	Project:	SOU_0731-004-05_20141017, F&BI 410331
Date Extracted:	10/20/14	Lab ID:	410331-01
Date Analyzed:	10/20/14	Data File:	102014.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141017, F&BI 410331
Date Extracted:	10/20/14	Lab ID:	04-2095 mb
Date Analyzed:	10/20/14	Data File:	102008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/17/14

Project: SOU_0731-004-05_20141017, F&BI 410331

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410392-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/17/14

Project: SOU_0731-004-05_20141017, F&BI 410331

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

Laboratory Code: 410338-01 (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	111	114	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/17/14

Project: SOU_0731-004-05_20141017, F&BI 410331

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410341-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	74	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	99	96	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	89	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	92	91	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	90	89	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	92	10-156	1
Benzene	mg/kg (ppm)	2.5	<0.03	89	88	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	85	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	92	90	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	91	20-133	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	92	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	93	93	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	99	96	33-134	3

Laboratory Code: Laboratory Control Sample

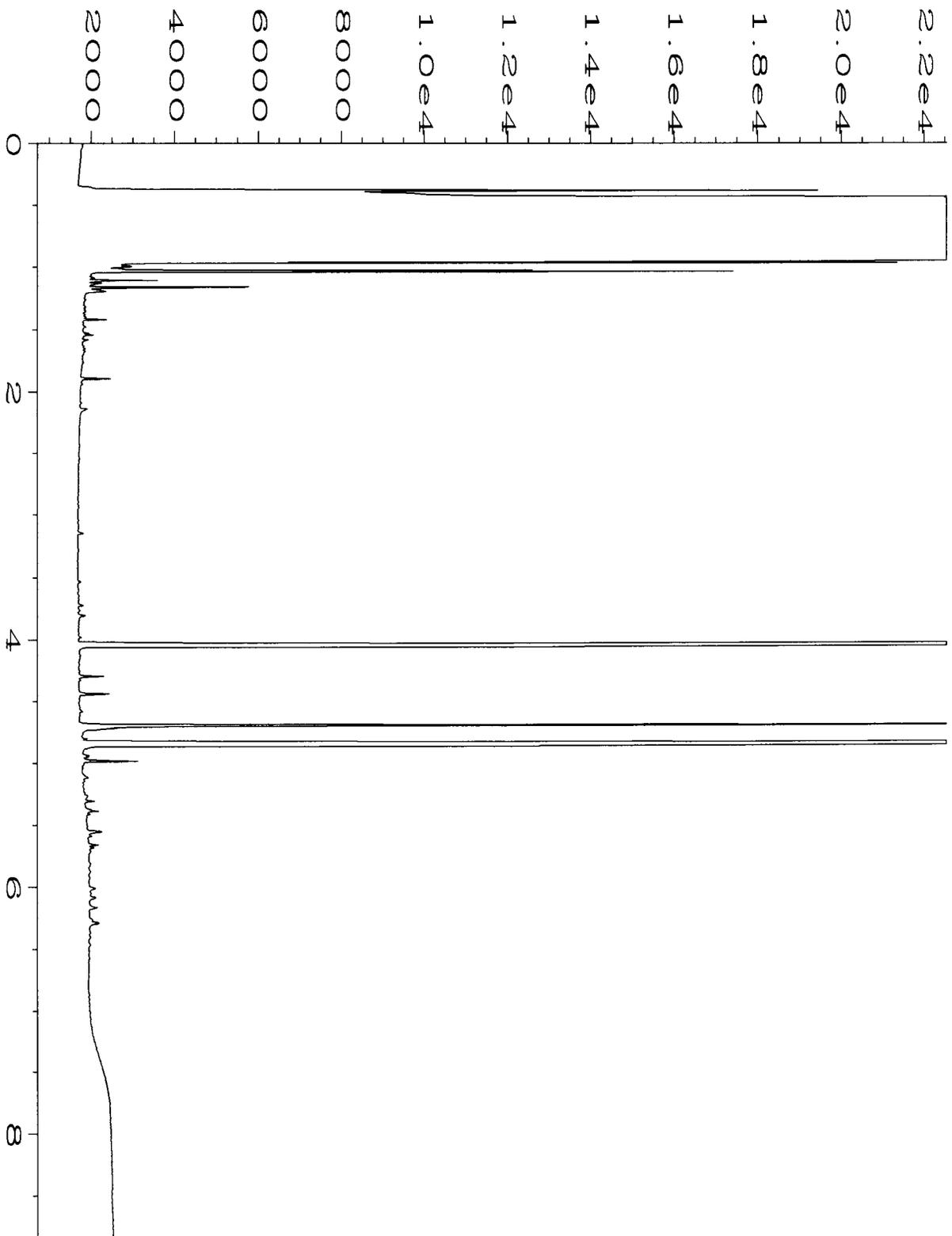
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	107	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Benzene	mg/kg (ppm)	2.5	99	68-114
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Toluene	mg/kg (ppm)	2.5	100	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	108	77-124

FRIEDMAN & BRUYA, INC.

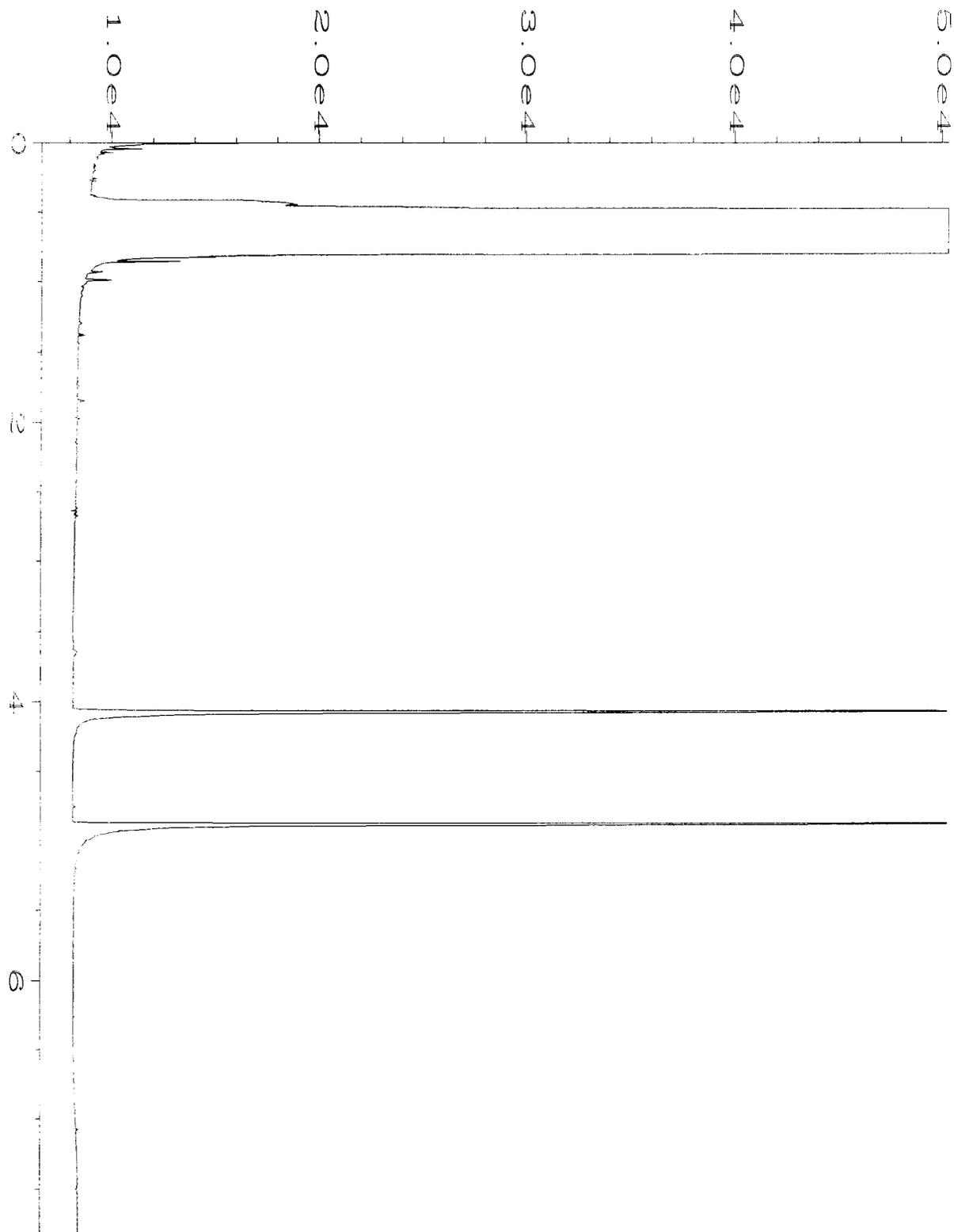
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

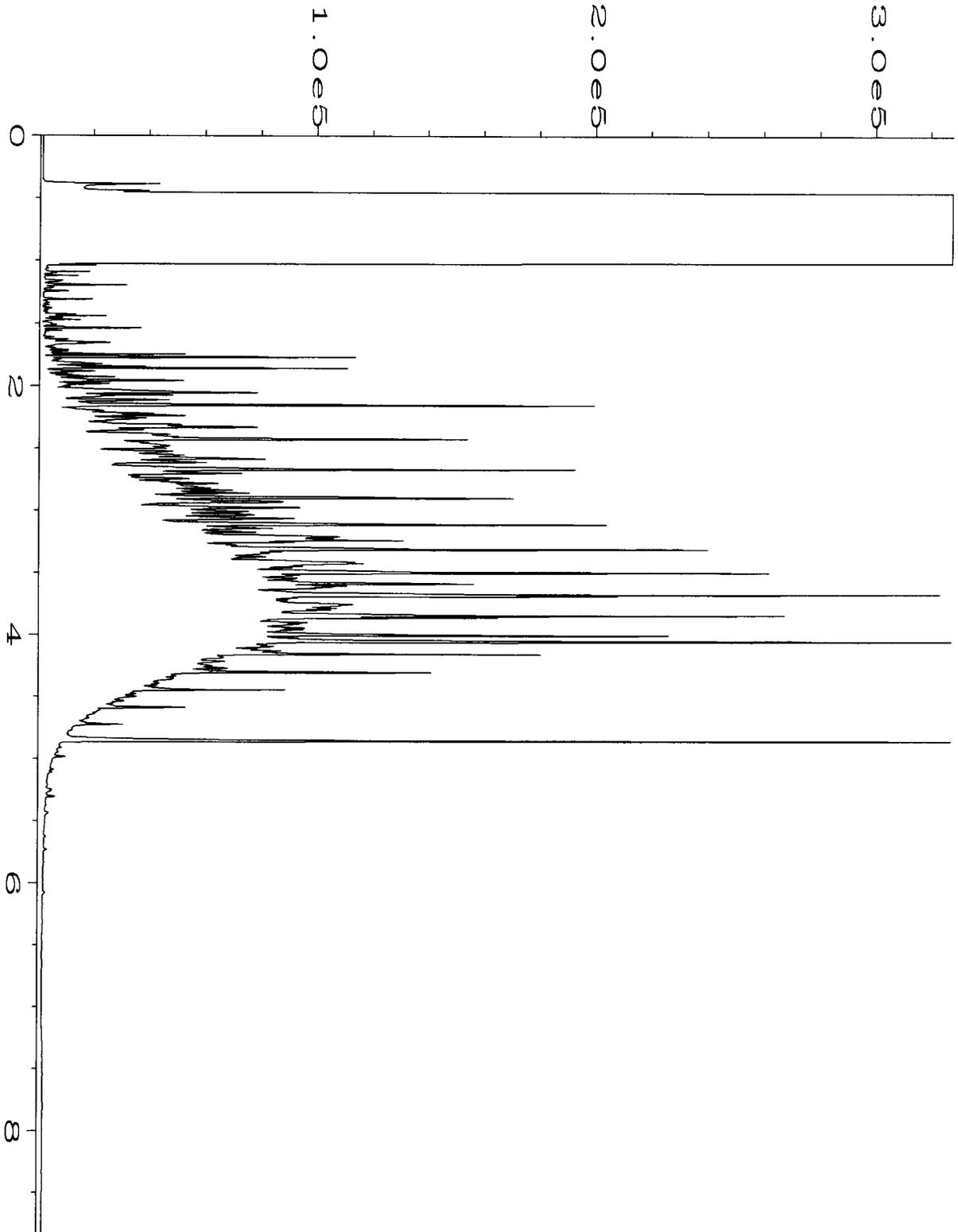
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\4\DATA\10-20-14\023F0501.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 23
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410331-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 20 Oct 14 04:56 PM	Analysis Method	: DX.MTH
Report Created on:	21 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-20-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2127 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 20 Oct 14 10:07 AM	Analysis Method	: END.MTH
Report Created on:	21 Oct 14 09:54 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-20-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 42-113D	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 20 Oct 14 09:23 AM	Analysis Method	: DX.MTH
Report Created on:	21 Oct 14 09:43 AM		

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

October 21, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 20, 2014 from the SOU_0731-004-05_20141020, F&BI 410352 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1021R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141020, F&BI 410352 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410352-01	T5-25
410352-02	Q5-30
410352-03	Q5-25
410352-04	O5-35
410352-05	O5-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/21/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410352

Date Extracted: 10/20/14

Date Analyzed: 10/20/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
O5-35 410352-04 1/10	1,700	ip
O5-30 410352-05	96	131
Method Blank 04-2115 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T5-25	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	410352-01
Date Analyzed:	10/20/14	Data File:	102015.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q5-30	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	410352-02
Date Analyzed:	10/20/14	Data File:	102016.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q5-25	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	410352-03
Date Analyzed:	10/20/14	Data File:	102017.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O5-35	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	410352-04
Date Analyzed:	10/20/14	Data File:	102019.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	81	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O5-30	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	410352-05
Date Analyzed:	10/20/14	Data File:	102018.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141020, F&BI 410352
Date Extracted:	10/20/14	Lab ID:	04-2095 mb
Date Analyzed:	10/20/14	Data File:	102008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/21/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410352

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410334-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/21/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410352

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410341-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	2.5	<0.03	89	88	29-129	1
Toluene	mg/kg (ppm)	2.5	<0.05	92	90	35-130	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	94	92	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	93	93	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	99	96	33-134	3
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	62	61	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	71	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	74	10-160	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	99	96	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	82	14-137	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	89	19-140	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	92	91	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	90	89	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	92	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	85	21-139	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	91	20-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	2.5	99	68-114
Toluene	mg/kg (ppm)	2.5	100	66-126
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	108	77-124
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	87	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	47-128
Methylene chloride	mg/kg (ppm)	2.5	107	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	103	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	98	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	103	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

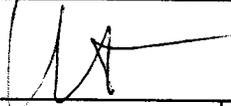
410352

SAMPLE CHAIN OF CUSTODY

ME 10/20/14

VSI / CFI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24-hr Rush charges authorized by: P. Kingston
<input checked="" type="checkbox"/> SAMPLE DISPOSAL Dispose after 30 days Return samples Will call with instructions

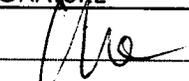
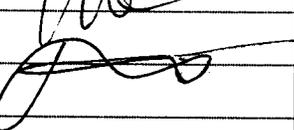
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
T5-25	T5	25	01 ^E	10/20/14	1115	soil	5				X	
Q5-30	Q5	30	02 ^A	10/20/14	1140	soil	4				X	
Q5-25	Q5	25	03	10/20/14	1145	soil	4				X	
O5-35	O5	35	04	10/20/14	1155	soil	4	X	X		X	
O5-30	O5	30	05	10/20/14	1200	soil	4	X	X		X	
GP 10/20/14												

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: 	Courtney Porter	SoundEarth	10/20/14	1420
Received by: 	Matt Lyden	ERL	10/20/14	1440
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

November 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 20, 2014 from the SOU_0731-004-05_20141020, F&BI 410353 project. There are 12 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141020, F&BI 410353 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410353 -01	V1WSW-54
410353 -02	U1WSW-53
410353 -03	S1WSW-53
410353 -04	Y1WSW-55
410353 -05	Z1WSW-55
410353 -06	AA1WSW-56
410353 -07	P1WSW-50

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
V1WSW-54 410353-01	<2	104
S1WSW-53 410353-03	<2	103
Y1WSW-55 410353-04	<2	101
AA1WSW-56 410353-06	<2	103
Method Blank 04-2172 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
V1WSW-54 410353-01	<50	<250	108
S1WSW-53 410353-03	<50	<250	104
Y1WSW-55 410353-04	<50	<250	97
AA1WSW-56 410353-06	<50	<250	101
Method Blank 04-2220 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-54	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/30/14	Lab ID:	410353-01
Date Analyzed:	10/30/14	Data File:	103020.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	94	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-53	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/30/14	Lab ID:	410353-03
Date Analyzed:	10/30/14	Data File:	103021.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-55	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/30/14	Lab ID:	410353-04
Date Analyzed:	10/30/14	Data File:	103022.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-56	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/30/14	Lab ID:	410353-06
Date Analyzed:	10/30/14	Data File:	103023.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/30/14	Lab ID:	04-2194 mb
Date Analyzed:	10/30/14	Data File:	103007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410531-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

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

Laboratory Code: 410517-02 (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	106	106	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	107	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

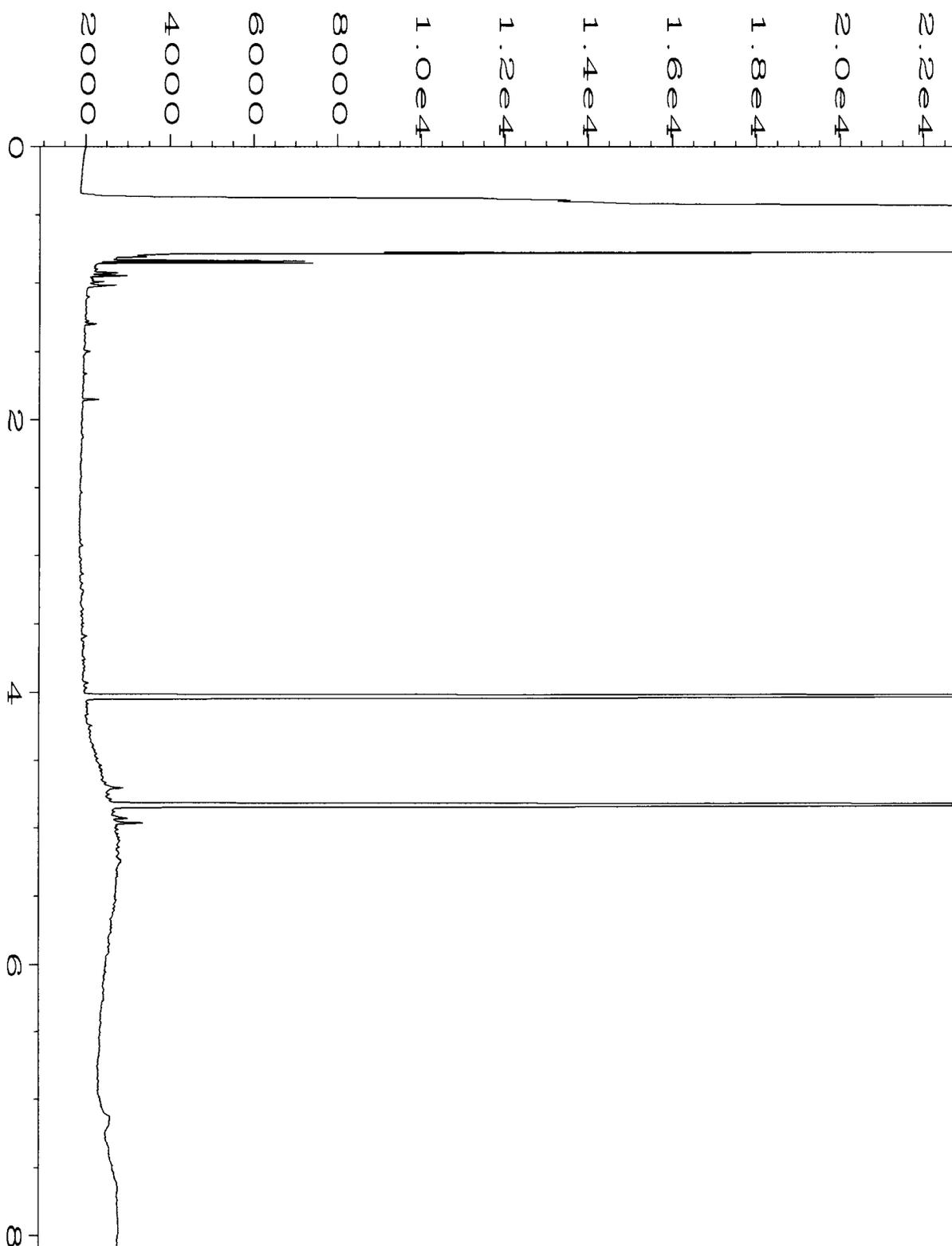
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

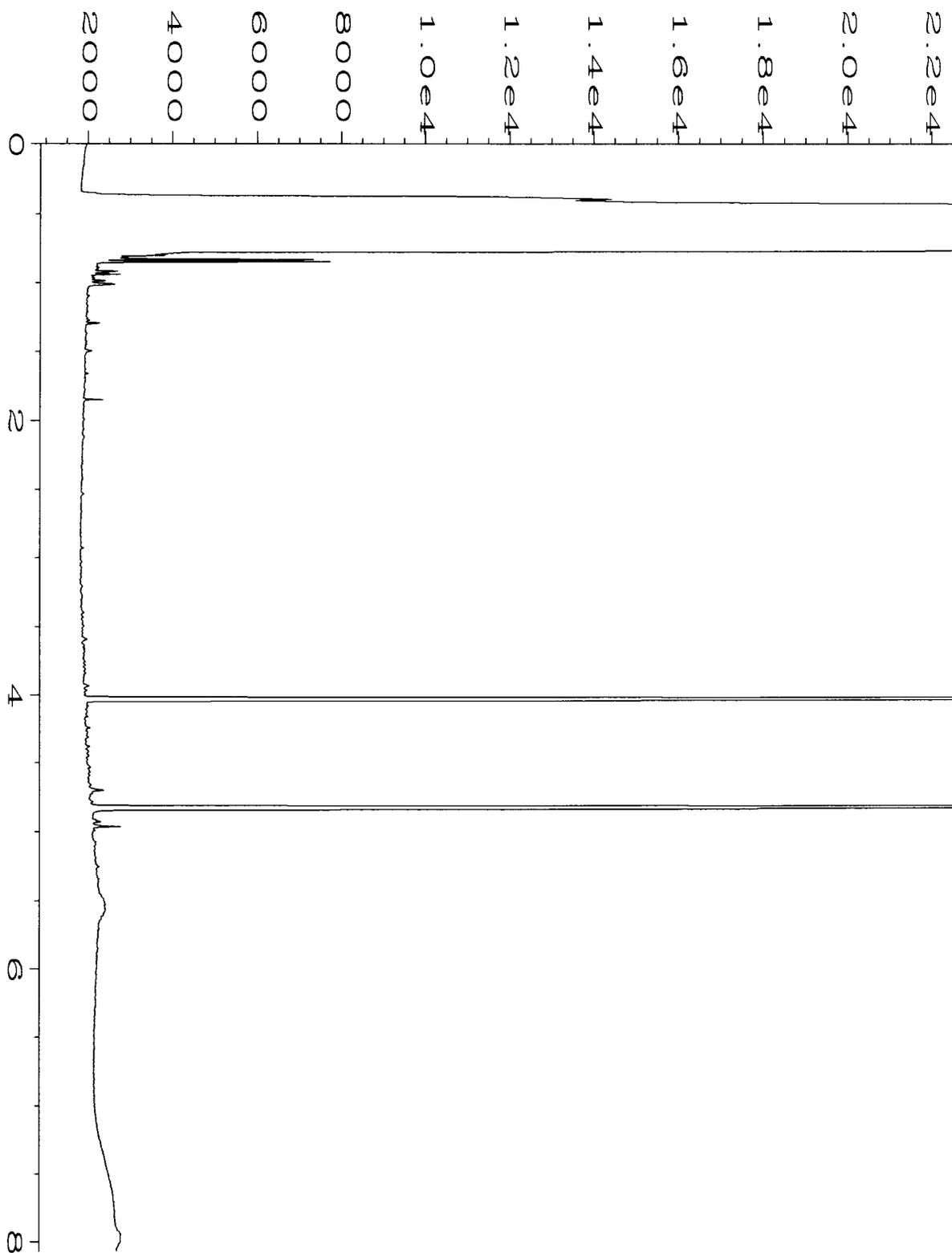
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	74	22-139	3
Chloroethane	mg/kg (ppm)	2.5	73	74	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	80	47-128	0
Methylene chloride	mg/kg (ppm)	2.5	102	100	42-132	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	88	67-127	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	91	68-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	94	72-113	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	88	86	56-135	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	94	62-131	3
Benzene	mg/kg (ppm)	2.5	92	92	68-114	0
Trichloroethene	mg/kg (ppm)	2.5	91	89	64-117	2
Toluene	mg/kg (ppm)	2.5	95	95	66-126	0
Tetrachloroethene	mg/kg (ppm)	2.5	99	98	72-114	1
Ethylbenzene	mg/kg (ppm)	2.5	95	95	64-123	0
m,p-Xylene	mg/kg (ppm)	5	97	95	78-122	2
o-Xylene	mg/kg (ppm)	2.5	100	98	77-124	2

Data Qualifiers & Definitions

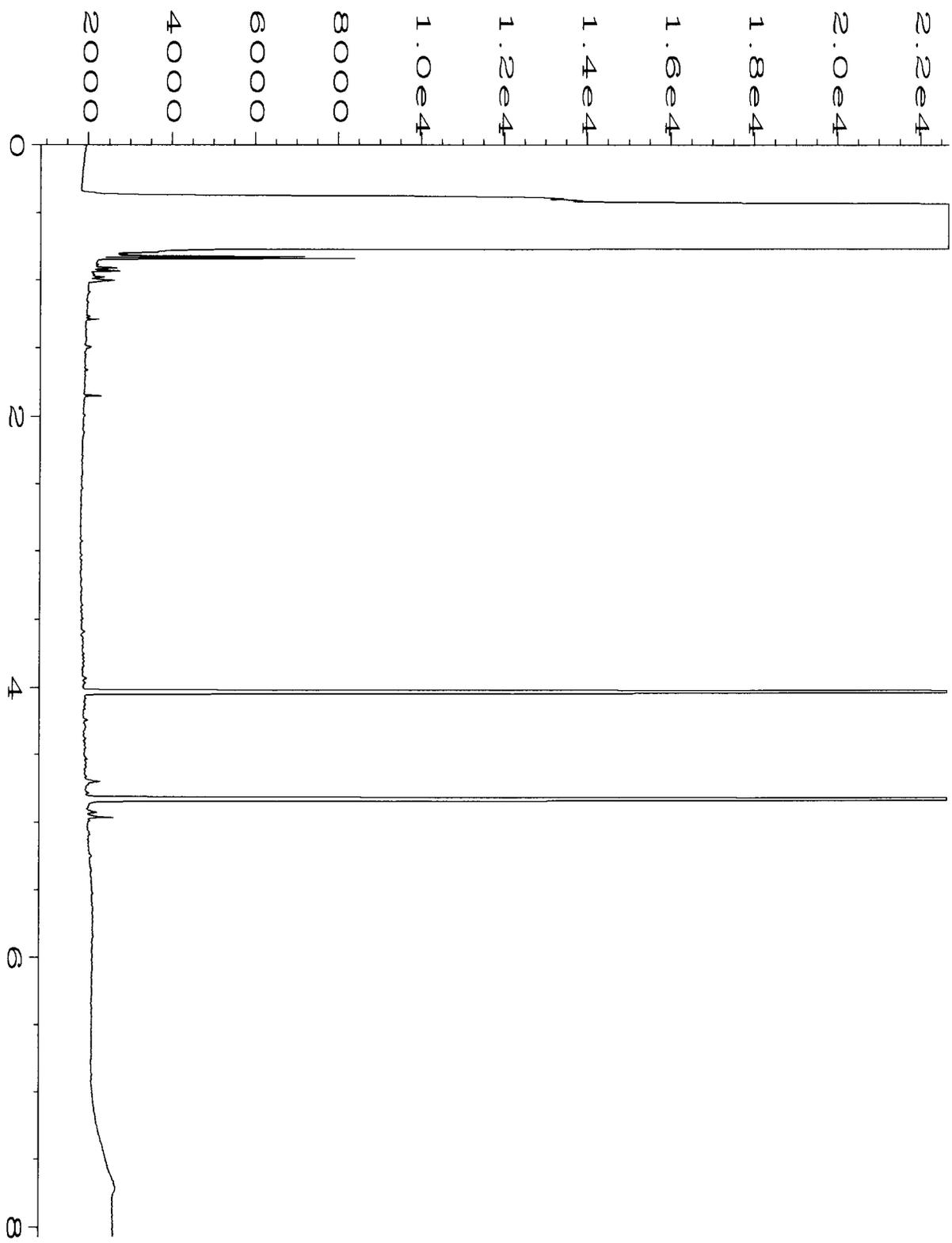
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



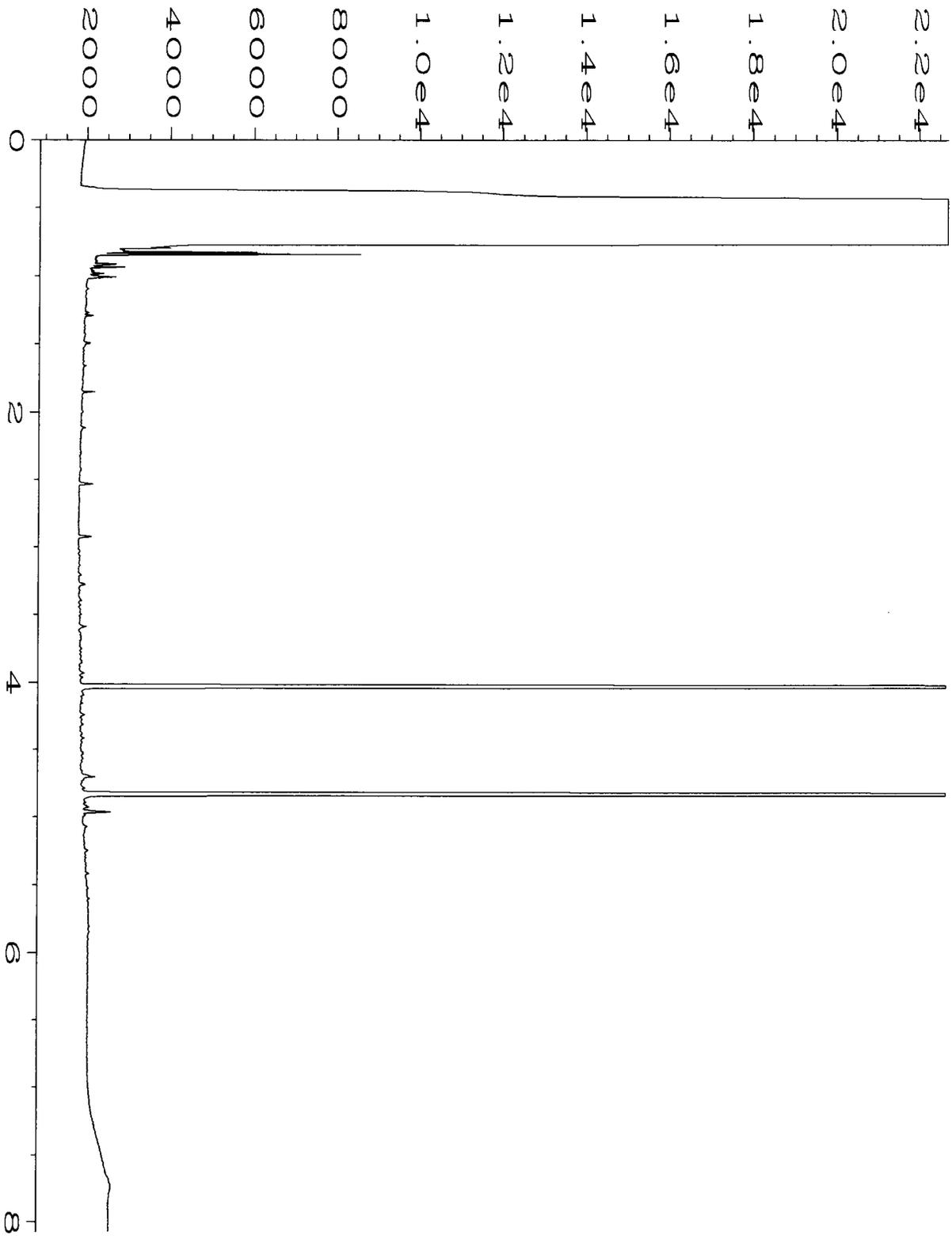
Data File Name	: C:\HPCHEM\4\DATA\10-30-14\018F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 18
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410353-01	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:06 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:42 AM		



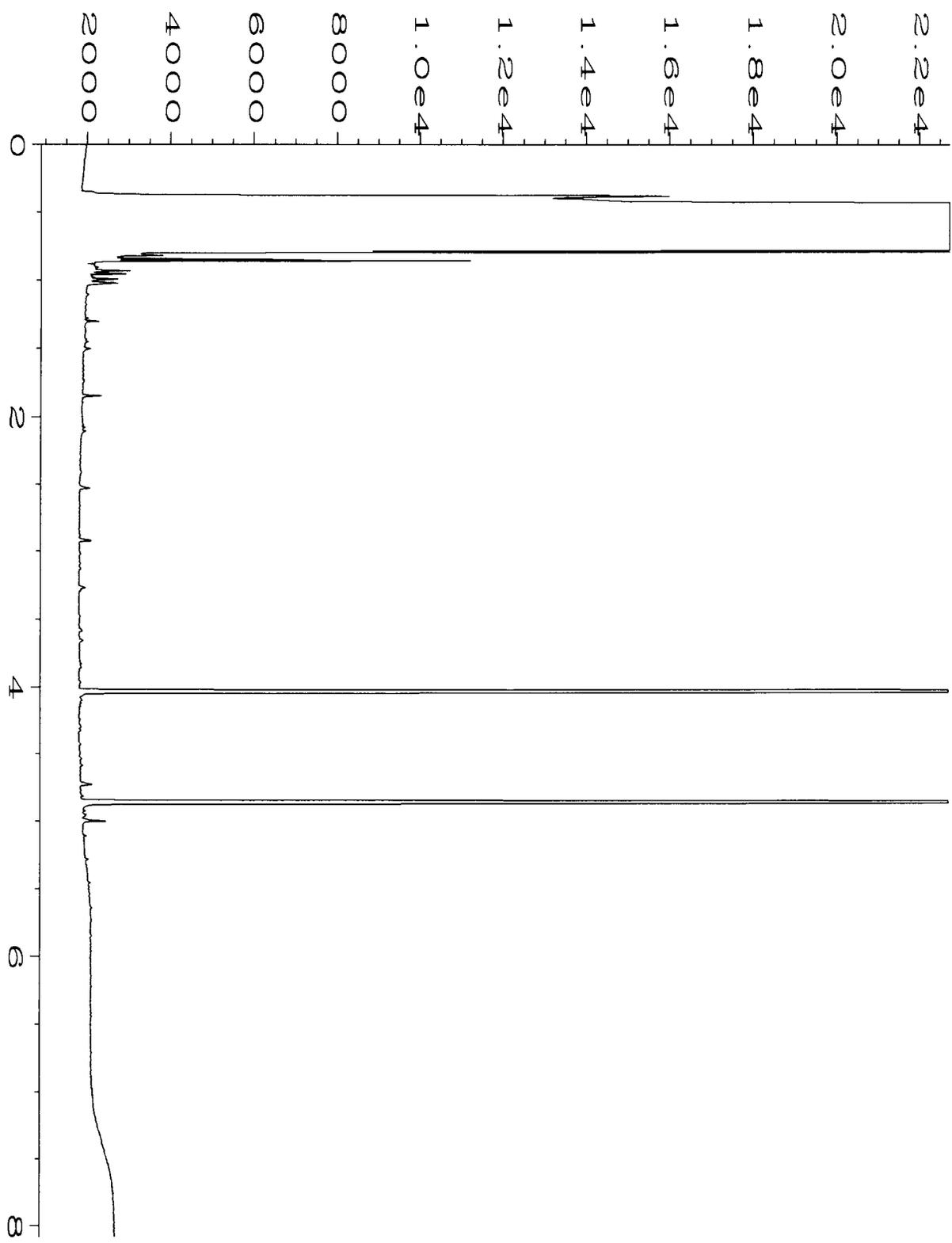
Data File Name	: C:\HPCHEM\4\DATA\10-30-14\019F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410353-03	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:20 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:42 AM		



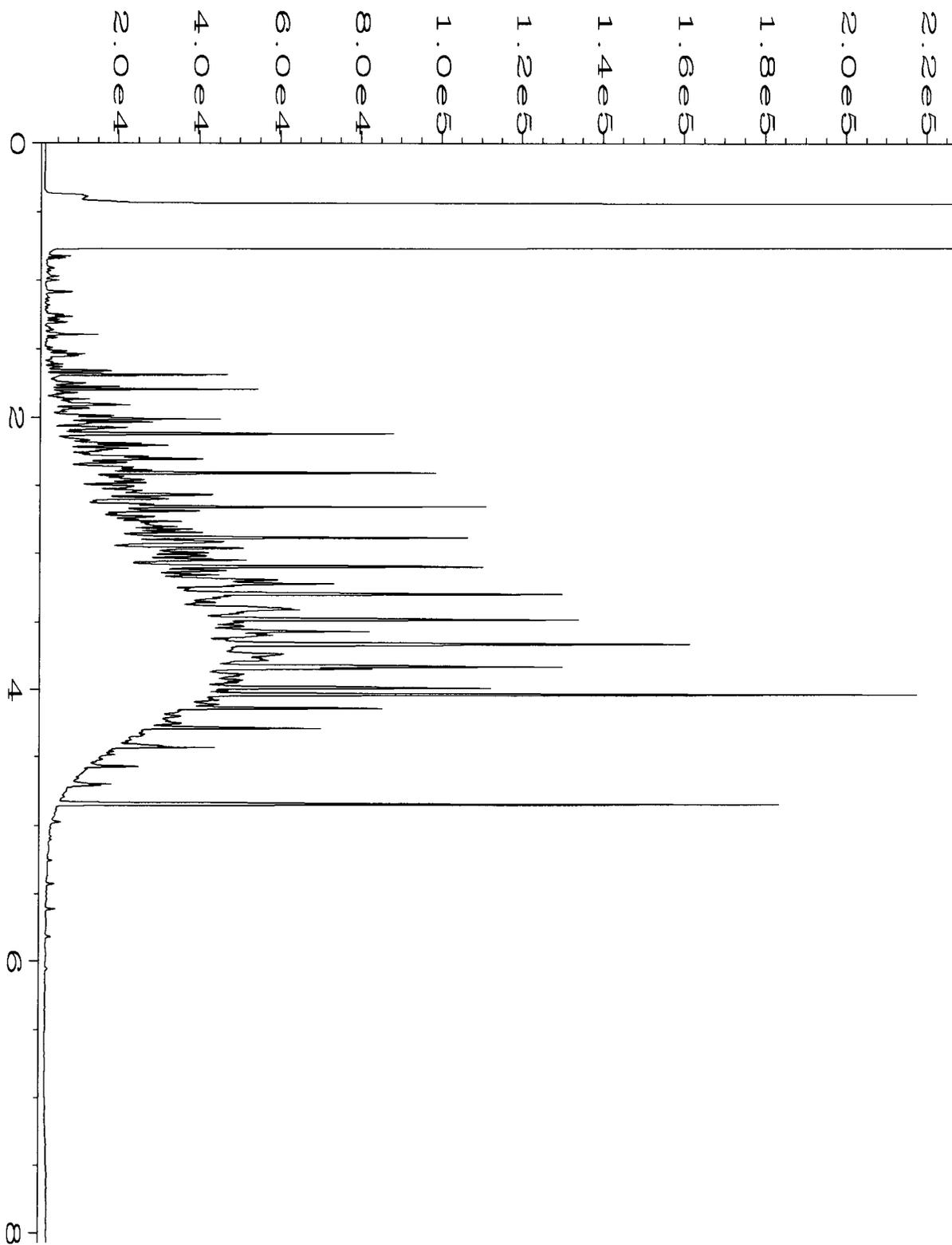
Data File Name	: C:\HPCHEM\4\DATA\10-30-14\020F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410353-04	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:34 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\021F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410353-06	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:47 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\008F0401.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 8
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2220 mb	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 11:35 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 09:18 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		

410353

SAMPLE CHAIN OF CUSTODY

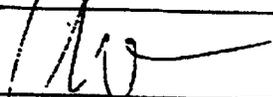
ME-10/20/14 152/1 CI2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

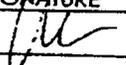
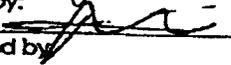
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊙ = Run per PK on 10/21/14 △ = Run per PK on 10/21/14	EM Y

TURNAROUND TIME 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	GRPH by NWTPH-0x	BTEX by EPA 8021B	DRPHORPH by NWTPH-0x	vVOCS by EPA 8260C	HOLD	Notes
V1WSW-54	V1	54	01A5	10/20/14	1220	Soil	5	△	△	△	△	X	
U1WSW-53	U1	53	02	10/20/14	1225	Soil	5	⊙	⊙	⊙	⊙	X	
S1WSW-53	S1	53	03	10/20/14	1230	Soil	5	△	△	△	△	X	
Y1WSW-55	Y1	55	04	10/20/14	1330	Soil	5	△	△	△	△	X	
Z1WSW-55	Z1	55	05	10/20/14	1335	Soil	5	⊙	⊙	⊙	⊙	X	
AA1WSW-56	AA1	56	06	10/20/14	1340	Soil	5	⊙	⊙	⊙	⊙	X	
P1WSW-50	P1	50	07	10/20/14	1345	Soil	5	△	△	△	△	X	
CP 10/20/14													

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: 	Courtney Porter	SoundEarth	10/20/14	1440
Received by: 	Wally Gator	FB Inc	10/20/14	1440
Relinquished by:				
Received by:				
Samples received # <u>5</u>				

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

October 27, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 20, 2014 from the SOU_0731-004-05_20141020, F&BI 410353 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1027R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141020, F&BI 410353 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410353 -01	V1WSW-54
410353 -02	U1WSW-53
410353 -03	S1WSW-53
410353 -04	Y1WSW-55
410353 -05	Z1WSW-55
410353 -06	AA1WSW-56
410353 -07	P1WSW-50

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
U1WSW-53 410353-02	<2	98
Z1WSW-55 410353-05	<2	90
Method Blank 04-2119 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
U1WSW-53 410353-02	<50	<250	108
Z1WSW-55 410353-05	<50	<250	113
Method Blank 04-2155 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-53	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/21/14	Lab ID:	410353-02
Date Analyzed:	10/21/14	Data File:	102125.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-55	Client:	SoundEarth Strategies
Date Received:	10/20/14	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/21/14	Lab ID:	410353-05
Date Analyzed:	10/21/14	Data File:	102126.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141020, F&BI 410353
Date Extracted:	10/21/14	Lab ID:	04-2136 mb
Date Analyzed:	10/21/14	Data File:	102108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410392-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

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

Laboratory Code: 410395-01 (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	101	93	64-133	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/27/14

Date Received: 10/20/14

Project: SOU_0731-004-05_20141020, F&BI 410353

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410357-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	48	48	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	60	10-176	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	62	60	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	81	10-156	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	69	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	79	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	78	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	72	72	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	78	78	35-130	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	78	77	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	79	79	32-137	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	78	80	34-136	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	83	33-134	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	81	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	88	47-128
Methylene chloride	mg/kg (ppm)	2.5	102	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	90	64-117
Toluene	mg/kg (ppm)	2.5	95	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	100	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

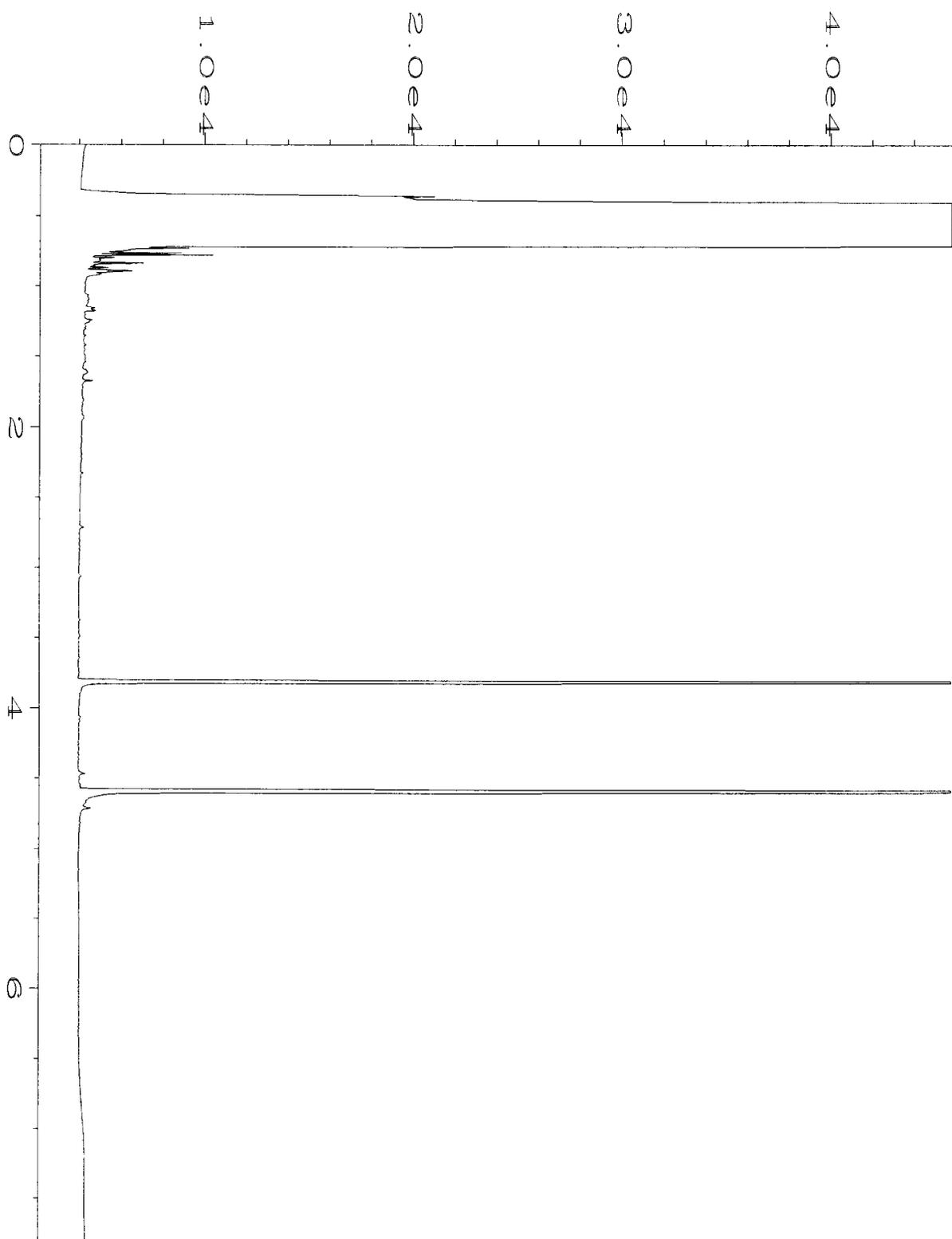
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

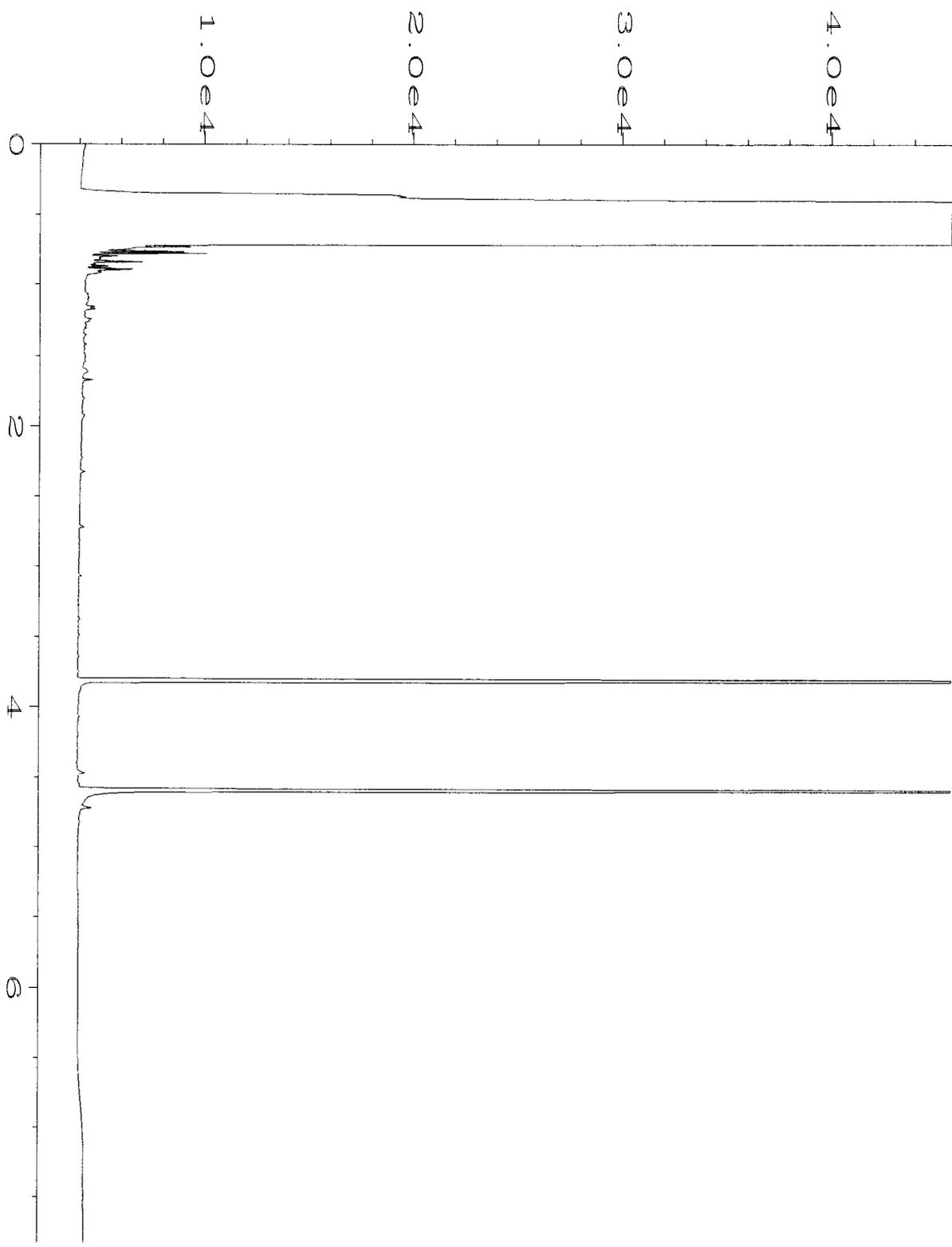
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

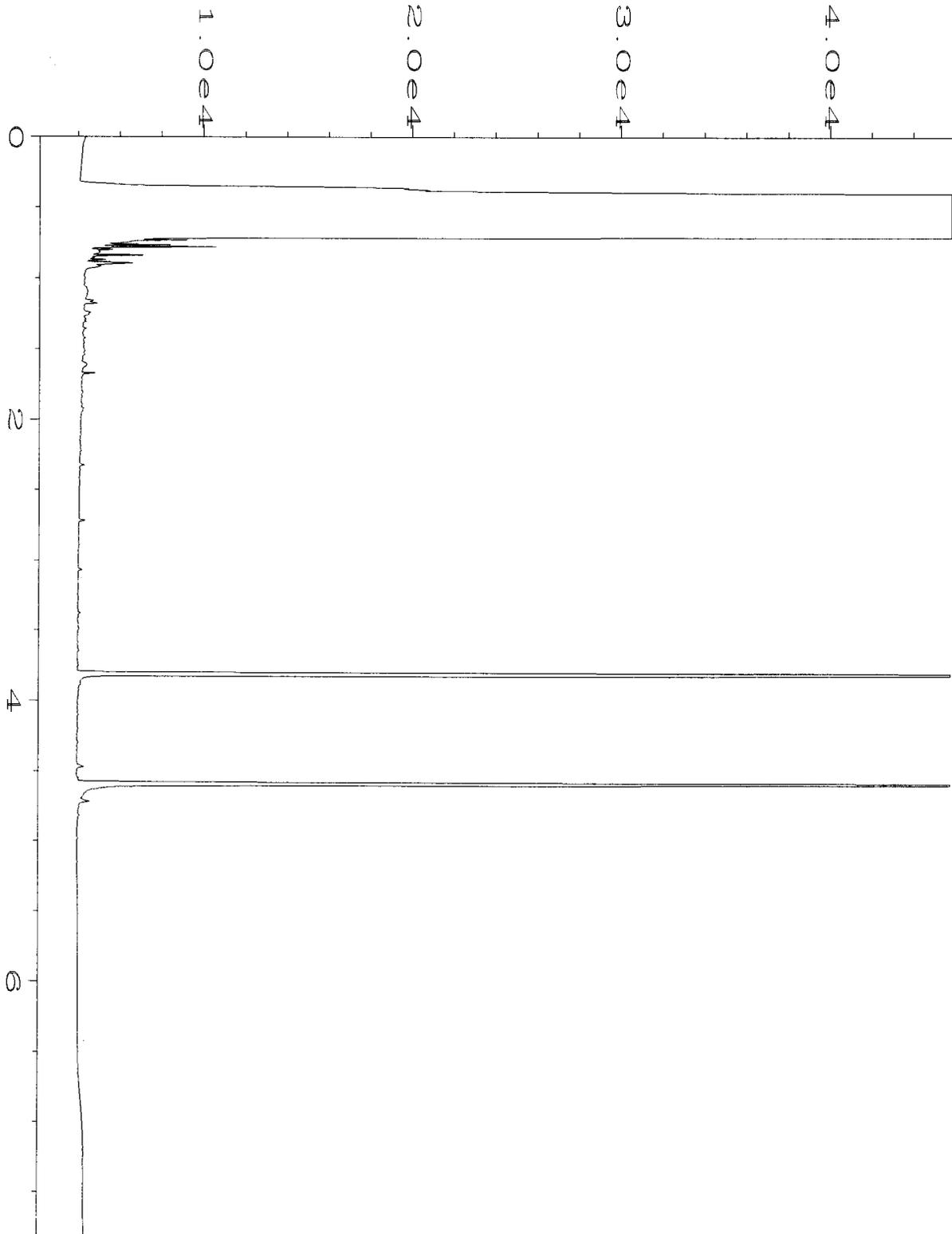
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



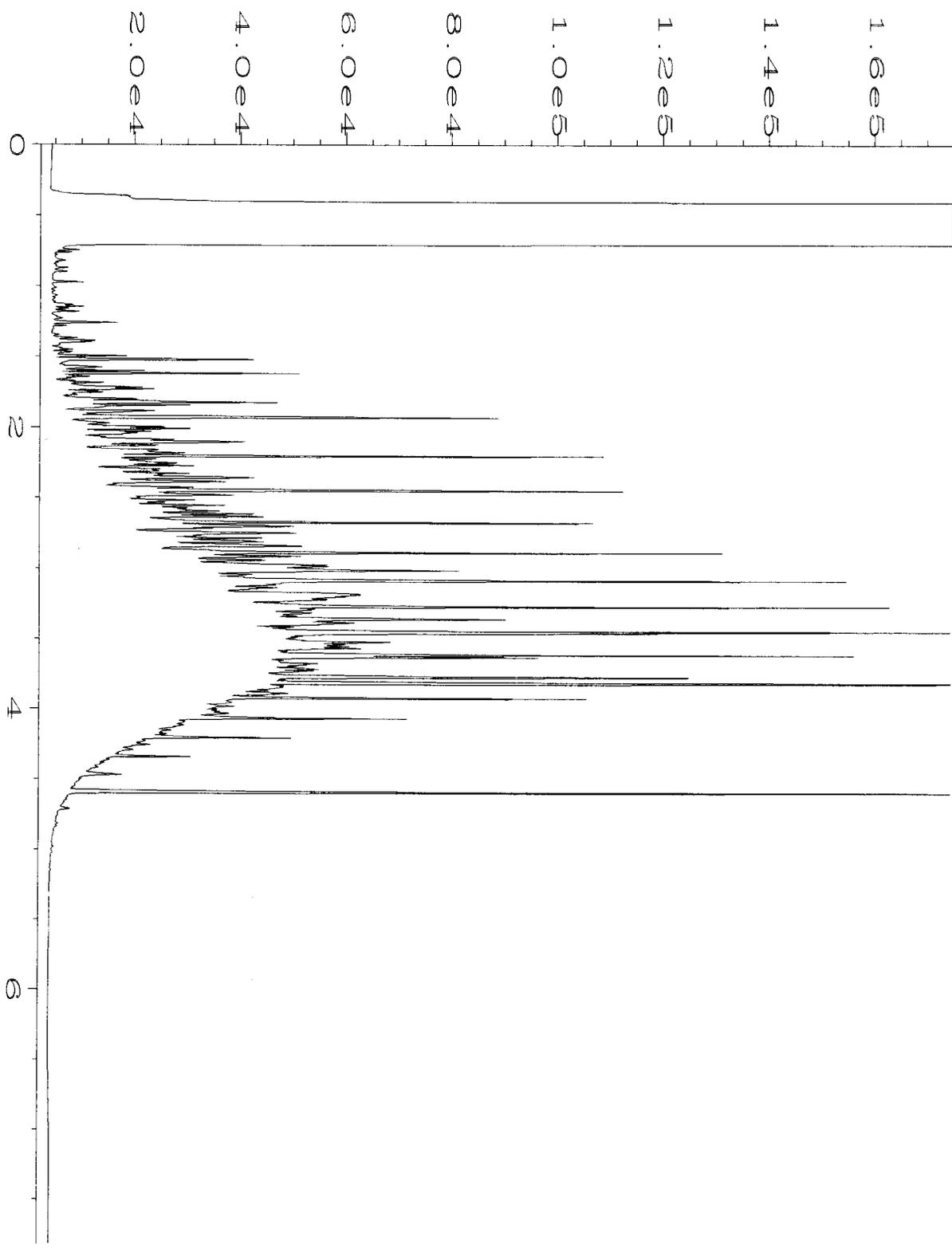
Data File Name	: C:\HPCHEM\6\DATA\10-22-14\040F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 40
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410353-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 07:25 PM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:14 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\041F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 41
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410353-05	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 07:38 PM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:14 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\014F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 14
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2155 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 11:40 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:15 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 09:16 AM		

41035.3

SAMPLE CHAIN OF CUSTODY

ME-10/20/14 Page # 1 of 1 us2 / CI2

Send Report To: Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company: SoundEarth Strategies

Address: 2811 Fairview Ave E, Suite 2000

City, State, ZIP: Seattle, WA 98102

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. Troy Laundry Property PO # 0731-004-05

REMARKS = Run per *RK on 10/21/14* EIM Y

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
V1WSW-54	V1	54	01A-E	10/20/14	1220	soil	5					
U1WSW-53	U1	53	02	10/20/14	1225	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
S1WSW-53	S1	53	03	10/20/14	1230	soil	5					
Y1WSW-55	Y1	55	04	10/20/14	1330	soil	5					
Z1WSW-55	Z1	55	05	10/20/14	1335	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
AA1WSW-50	AA1	50	06	10/20/14	1340	soil	5					
PIWSW-50	PI	50	07	10/20/14	1345	soil	5					
<i>CP 10/20/14</i>												

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
<i>[Signature]</i>	Courtney Porter	SoundEarth	10/20/14	1410
<i>[Signature]</i>	Wally Gator	FB Inc	10/20/14	1440
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

October 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 22, 2014 from the SOU_0731-004-05_20141022, F&BI 410402 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1023R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 22, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141022, F&BI 410402 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410402 -01	SP01-01
410402 -02	SP01-02
410402 -03	SP01-03
410402 -04	SP01-04
410402 -05	SP01-05
410402 -06	SP02-01
410402 -07	SP02-02
410402 -08	SP02-03
410402 -09	SP03-01
410402 -10	SP03-02
410402 -11	SP03-03
410402 -12	E18-44
410402 -13	SP04-01
410402 -14	SP04-02
410402 -15	SP04-03

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SP01-01 410402-01 1/5	41	107
SP01-03 410402-03 1/10	350	127
SP01-05 410402-05 1/2	22	91
SP02-01 410402-06 1/5	87	111
SP02-02 410402-07 1/5	180	108
SP02-03 410402-08 1/5	120	122
SP03-01 410402-09	<2	99
SP03-02 410402-10 1/10	220	121
SP03-03 410402-11	<2	100
SP04-01 410402-13 1/2	5.2	101
SP04-02 410402-14 1/5	140	138

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
SP04-03 410402-15 1/10	320	121
Method Blank 04-2121 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

Date Extracted: 10/22/14

Date Analyzed: 10/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
E18-44 410402-12 1/5	<0.02 j	0.21	1.1	4.0	270	108
Method Blank 04-2121 MB	<0.02	<0.02	<0.02	<0.06	<2	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

Date Extracted: 10/22/14

Date Analyzed: 10/23/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
E18-44 410402-12	<50	<250	99
Method Blank 04-2154 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

**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: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	0.5	80	81	69-120	1
Toluene	mg/kg (ppm)	0.5	85	85	70-117	0
Ethylbenzene	mg/kg (ppm)	0.5	85	86	65-123	1
Xylenes	mg/kg (ppm)	1.5	87	88	66-120	1
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/23/14

Date Received: 10/22/14

Project: SOU_0731-004-05_20141022, F&BI 410402

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

Laboratory Code: 410390-01 (Matrix Spike)

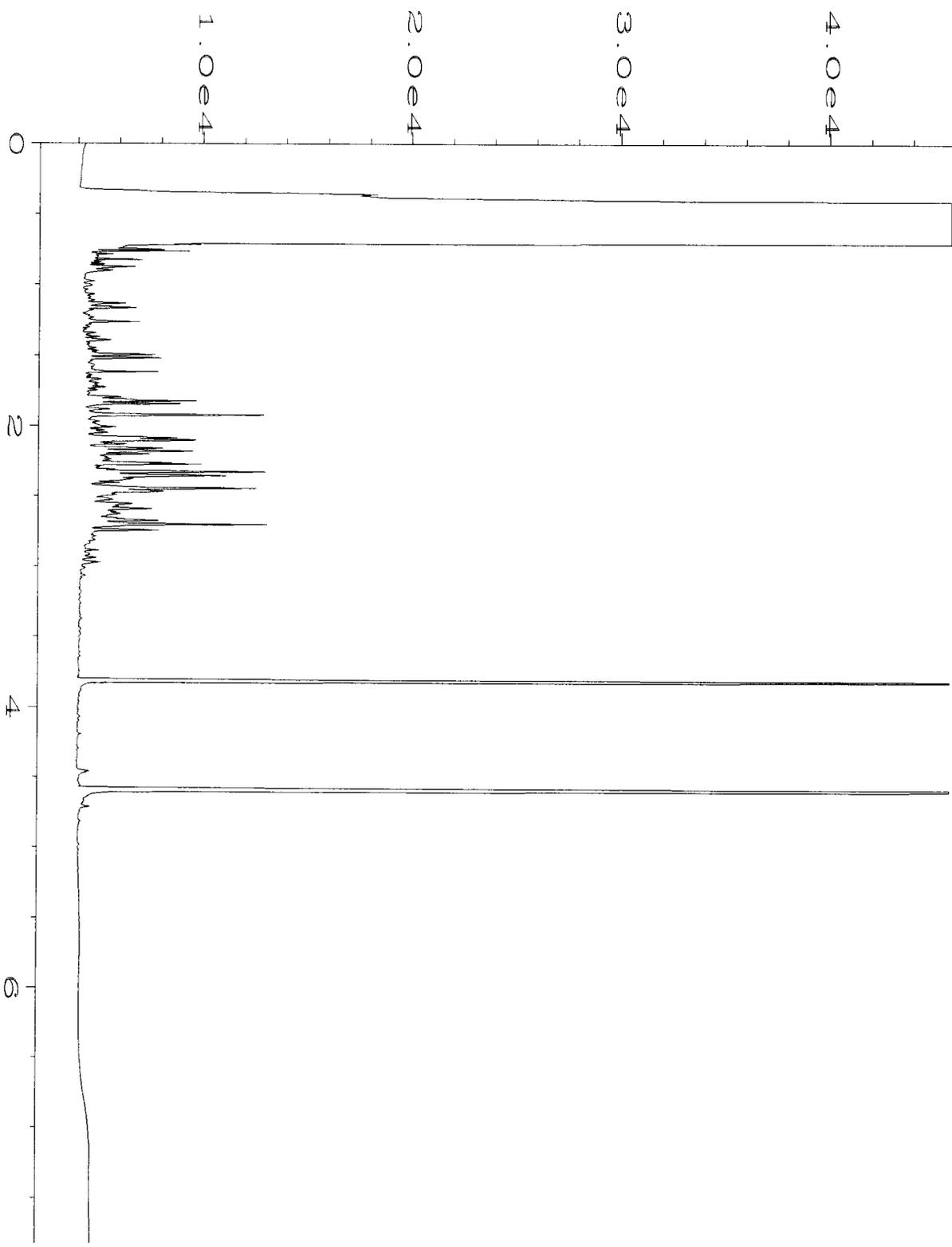
Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	106	97	63-146	9

Laboratory Code: Laboratory Control Sample

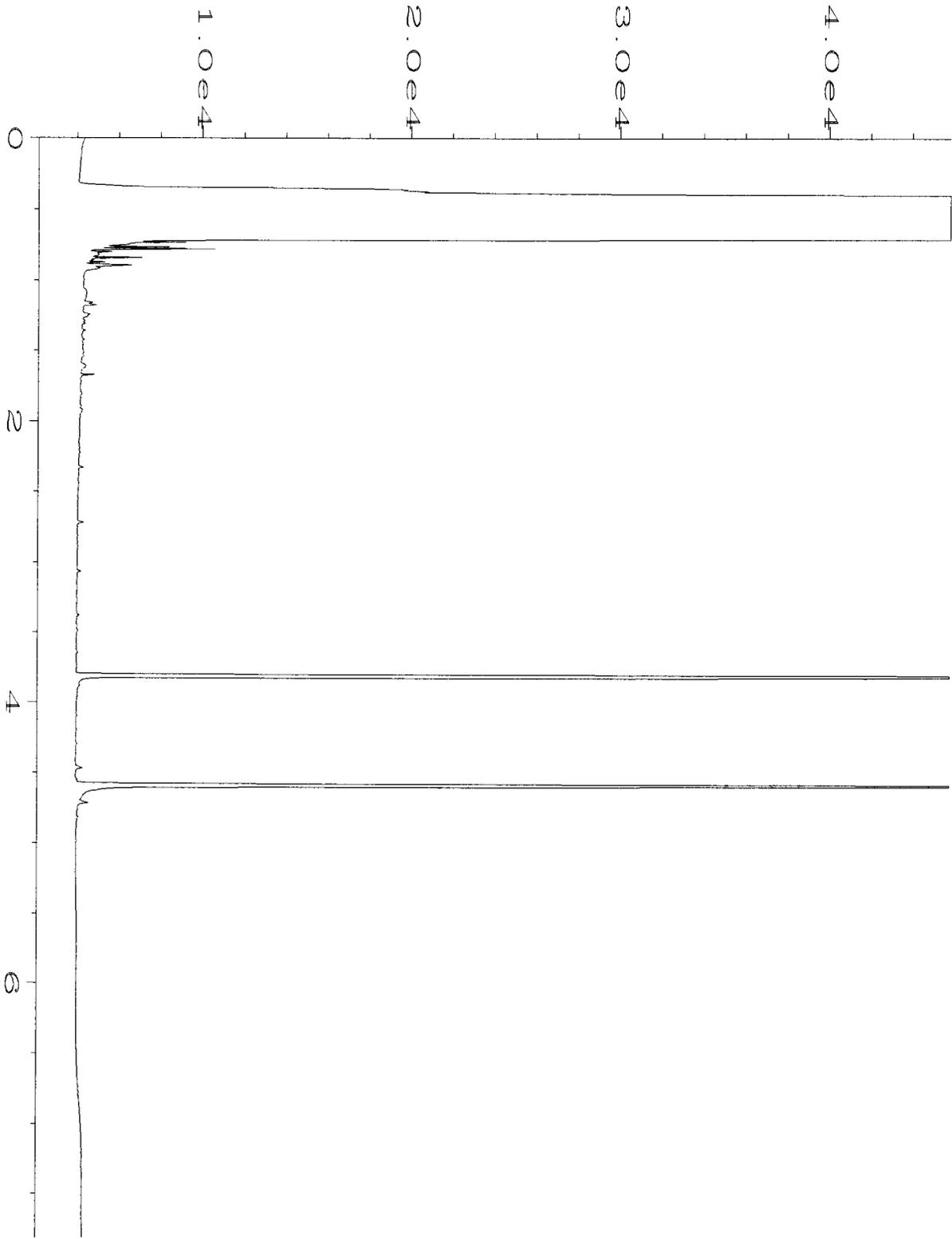
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	79-144

Data Qualifiers & Definitions

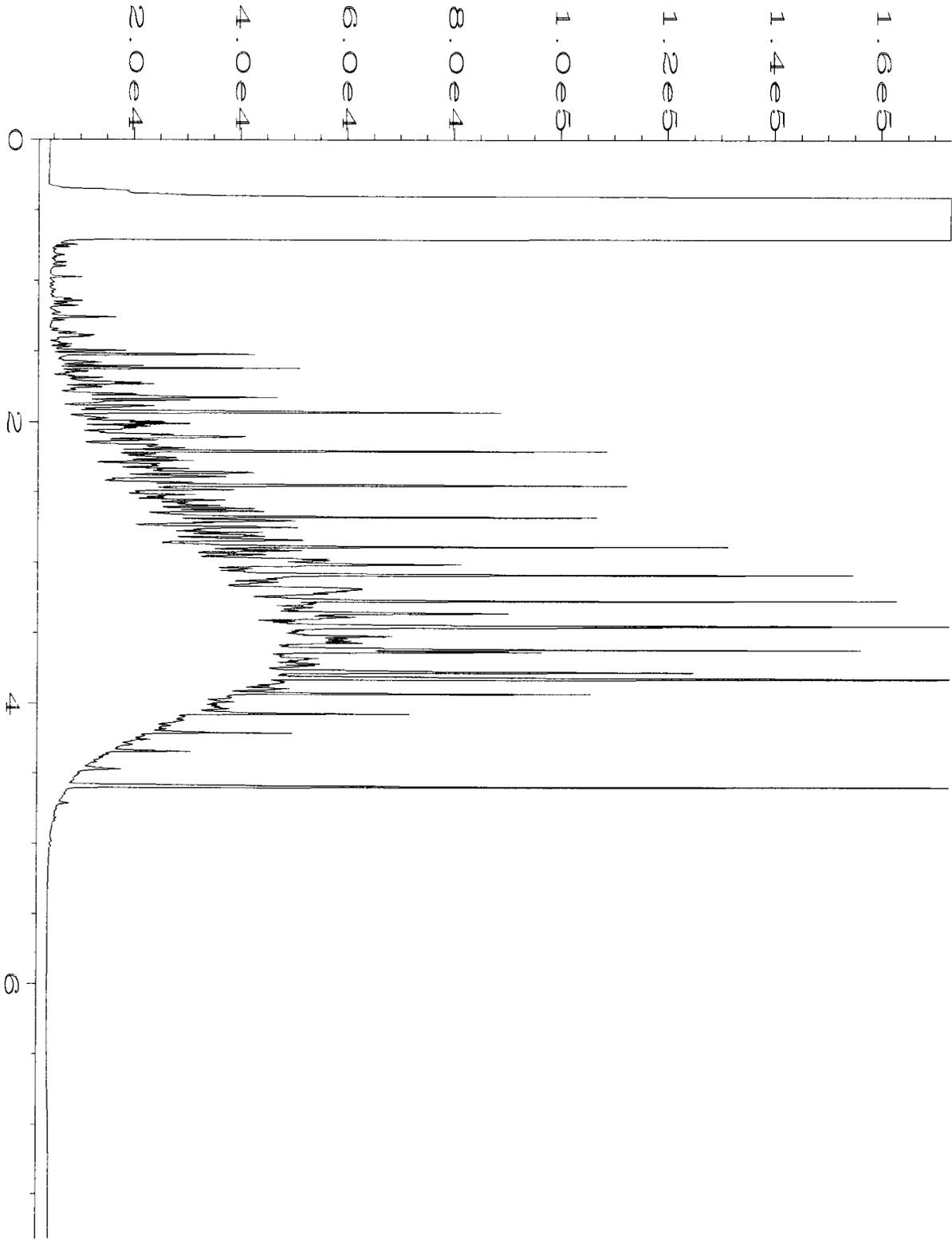
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\6\DATA\10-23-14\006F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 410402-12	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 23 Oct 14 08:40 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 08:57 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\014F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 14
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2155 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 11:40 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 08:57 AM		



Data File Name	: C:\HPCHEM\6\DATA\10-22-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Oct 14 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	23 Oct 14 08:58 AM		

410402

SAMPLE CHAIN OF CUSTODY

ME 10-22-14

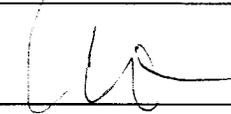
303 / V33

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

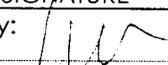
TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
SPO1-01	SPO1	NA	01A-E	10/22/14	0610	Soil	5	X					
SPO1-02	SPO1		02	10/22/14	0615	Soil	5					X	
SPO1-03	SPO1		03	10/22/14	0625	Soil	5	X					
SPO1-04	SPO1		04	10/22/14	0630	Soil	5					X	
SPO1-05	SPO1		05	10/22/14	0640	Soil	5	X					
SPO2-01	SPO2		06	10/22/14	0805	Soil	5	X					
SPO2-02	SPO2		07	10/22/14	0810	Soil	5	X					
SPO2-03	SPO2		08	10/22/14	0815	Soil	5	X					
SPO3-01	SPO3		09	10/22/14	0810	Soil	5	X					
SPO3-02	SPO3		10	10/22/14	0915	Soil	5	X					
SPO3-03	SPO3		11	10/22/14	0920	Soil	5	X					
E18-44	E18		12	10/22/14	0925	Soil	5	X	X	X			
SPO4-01	SPO4		13	10/22/14	1125	Soil	5	X					

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: 	Courtney Porter	SoundEarth	10/22/14	1300
Received by: 	Pete Kingston	FBtr	10/22/14	1300
Relinquished by:				
Received by:		Samples received at	<u>4</u>	

410402

SAMPLE CHAIN OF CUSTODY

NE 10-22-14

Page # 2 of 7 1303 / VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
SP04-02	SP04	NA	14A-E	10/22/14	1130	soil	5	x											
SP04-03	SP04	L	15T	10/22/14	1135	soil	5	x											
CP 10/22/14																			

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
	Courtney Porter	SoundEarth	10/22/14	1300
	Pete Kingston	FBtr	10/22/14	1300
			Samples received at 4 °C	

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

October 30, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 23, 2014 from the SOU_0731-004-05_20141023, F&BI 410435 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1030R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141023, F&BI 410435 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410435 -01	I1WSW-53
410435 -02	H1WSW-53
410435 -03	E1WSW-53
410435 -04	A7NSW-48
410435 -05	G31ESW-47
410435 -06	A21NSW-50
410435 -07	A1NWSW-48
410435 -08	A7NSW-43
410435 -09	A1NWSW-43

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

Date Extracted: 10/24/14

Date Analyzed: 10/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
G31ESW-47 410435-05	<2	98
Method Blank 04-2164 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

Date Extracted: 10/27/14

Date Analyzed: 10/27/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
G31ESW-47 410435-05	<50	<250	85
Method Blank 04-2179 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	G31ESW-47	Client:	SoundEarth Strategies
Date Received:	10/23/14	Project:	SOU_0731-004-05_20141023, F&BI 410435
Date Extracted:	10/24/14	Lab ID:	410435-05
Date Analyzed:	10/24/14	Data File:	102425.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141023, F&BI 410435
Date Extracted:	10/24/14	Lab ID:	04-2143 mb
Date Analyzed:	10/24/14	Data File:	102416.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	94	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

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

Laboratory Code: 410470-02 (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	107	96	63-146	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410364-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	58	58	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	65	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	68	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	94	90	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	78	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	83	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	88	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	84	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	80	10-156	6
Benzene	mg/kg (ppm)	2.5	0.15	83	79	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	79	21-139	6
Toluene	mg/kg (ppm)	2.5	0.49	81	77	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	79	20-133	5
Ethylbenzene	mg/kg (ppm)	2.5	1.9	86 b	74 b	32-137	15 b
m,p-Xylene	mg/kg (ppm)	5	2.0	85 b	75 b	34-136	12 b
o-Xylene	mg/kg (ppm)	2.5	2.0	88 b	76 b	33-134	15 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	80	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	79	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	89	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Benzene	mg/kg (ppm)	2.5	90	68-114
Trichloroethene	mg/kg (ppm)	2.5	88	64-117
Toluene	mg/kg (ppm)	2.5	94	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	100	72-114
Ethylbenzene	mg/kg (ppm)	2.5	95	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	99	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

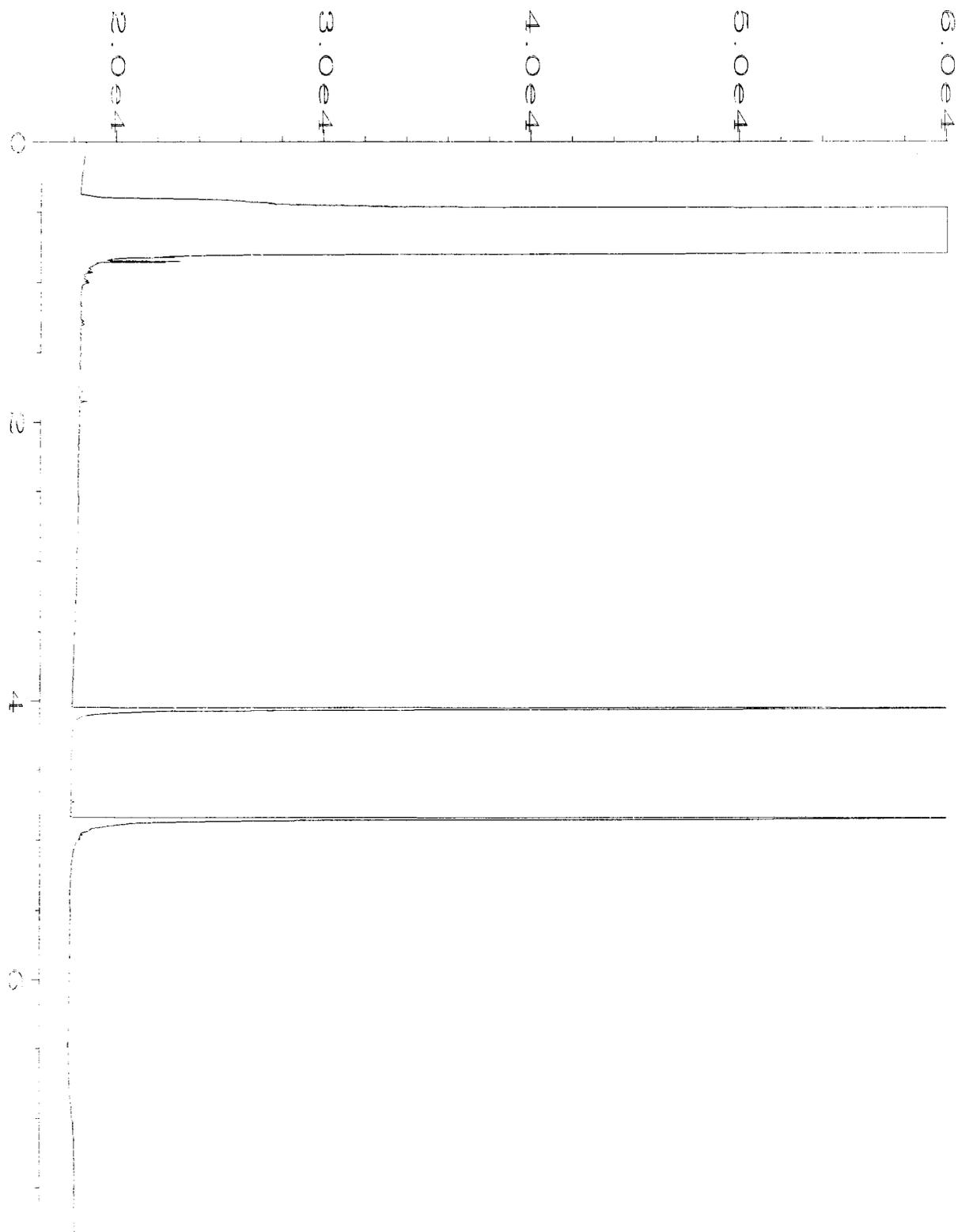
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

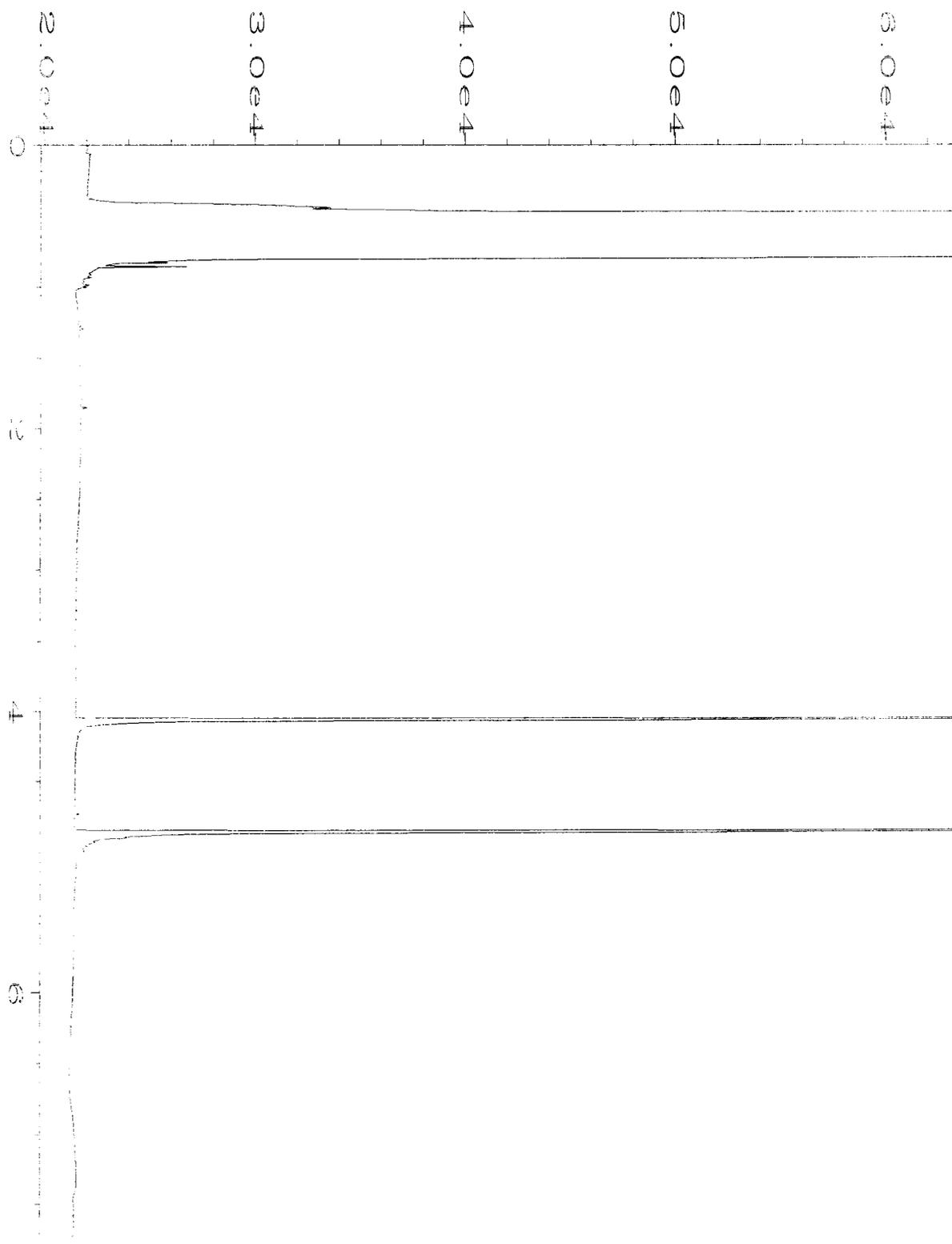
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

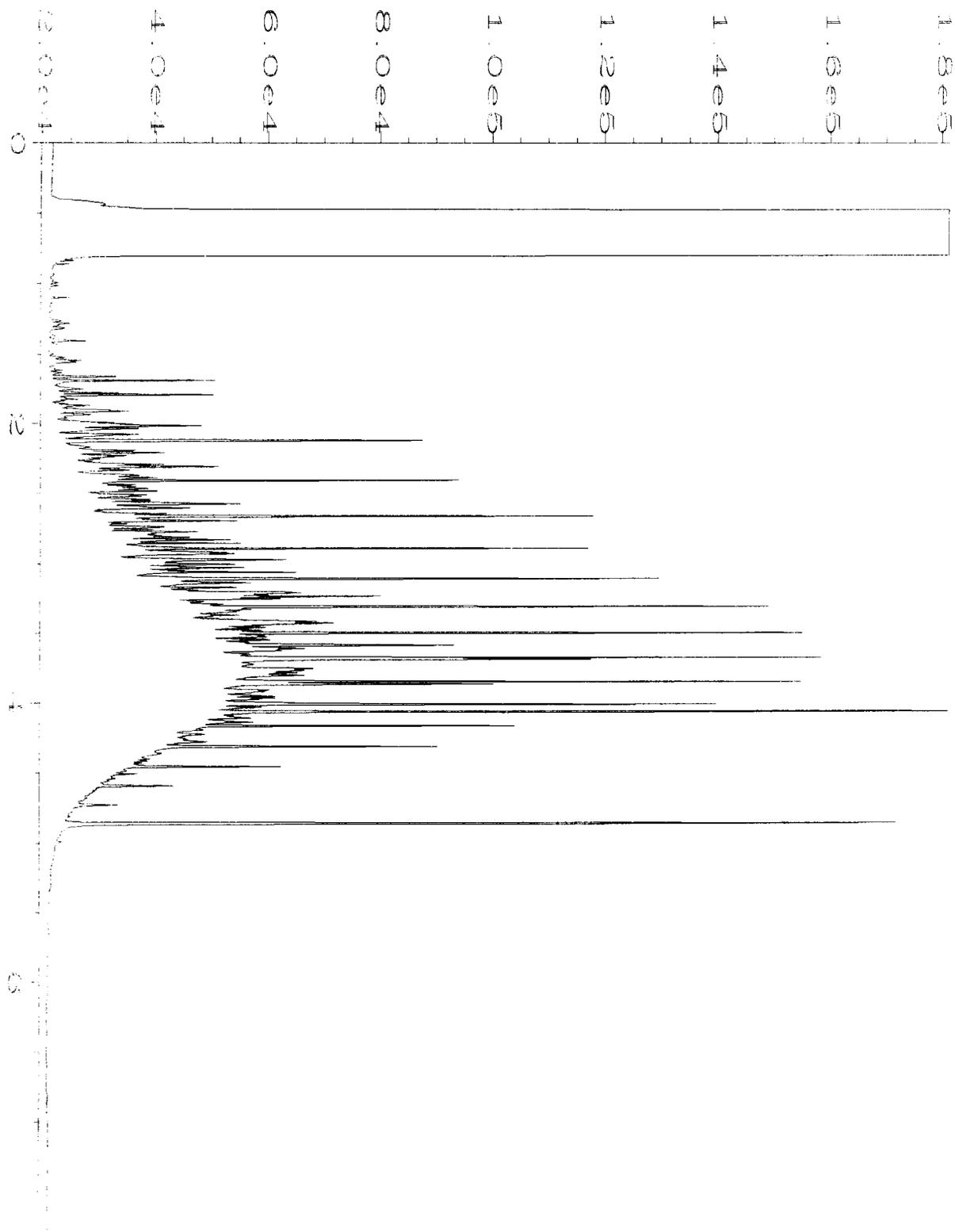
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\017F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410435-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 11:21 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:46 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2179 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 09:07 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 08:54 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		

410435 410435

SAMPLE CHAIN OF CUSTODY

ME 10/23/14

1 of 2 B03/US2

Send Report To: Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company: SoundEarth Strategies

Address: 2811 Fairview Ave E, Suite 2000

City, State, ZIP: Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per PJK on 10/24/14	EIM Y

Page # 1 of 2
TURNAROUND TIME 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
I1WSW-53	I1	53	01	10/23/14	0810	Soil	5					
H1WSW-53	H1	53	02	10/23/14	0815	Soil	5					
E1WSW-53	E1	53	03	10/23/14	0820	Soil	5					
A7NSW-46	A7	46	04	10/23/14	0930	Soil	5					
G3IESW-47	G31	47	05	10/23/14	0935	Soil	5	⊗	⊗	⊗	⊗	
A2INSW-50	A21	50	06	10/23/14	1020	Soil	5					
A1NWSW-48	A1	48	07	10/23/14	1030	Soil	5					
A7NSW-43	A7	43	08	10/23/14	1035	Soil	5					
A1NWSW-43	A1	43	09	10/23/14	1040	Soil	5					

⊗ 10/23/14

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:	Courtney Porter	SoundEarth	10/23/14	1410
Received by:	JAMES BRUYA	F&B	10/23	1410
Relinquished by:				
Received by:				

Sample received at 4 °C

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

November 12, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 24, 2014 from the SOU_0731-004-05_20141024, F&BI 410466 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1112R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 24, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141024, F&BI 410466 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410466 -01	C19-42.5
410466 -02	D18-41.5
410466 -03	A18-46
410466 -04	A18NSW-46

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410466

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
A18NSW-46 410466-04	<2	109
Method Blank 04-2239 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410466

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411037-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410466

SAMPLE CHAIN OF CUSTODY

ME 10-24-14

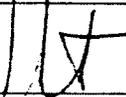
Page # 1 of 1 B02/VJ1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

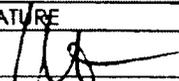
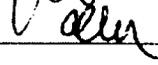
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ - Per per PJK on 11/5/14	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH <u>24 hr</u> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
C19-42.5	C19	42.5	01A-E	10/24/14	1055	soil	5	✓				1 - per
D18-41.5	D18	41.5	02 T	10/24/14	1100	soil	5					PK
A18-46	A18	46	03	10/24/14	1255	soil	5					10/24/14
A18NSW-46	A18	46	04	10/24/14	1305	soil	5	⊗				
								GR	10/24/14			

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: 	Courtney Parker	SoundEarth	10/24/14	1430
Received by: 	VINHA	FB1	10/24	1430
Relinquished by:				
Received by:				

Sample received at 2°C

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

October 31, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 24, 2014 from the SOU_0731-004-05_20141024, F&BI 410466 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1031R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 24, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731-004-05 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410466 -01	C19-42.5
410466 -02	D18-41.5
410466 -03	A18-46
410466 -04	A18NSW-46

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410466

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
C19-42.5 410466-01 1/20	120	107
Method Blank 04-2172 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410466

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410531-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

410466

SAMPLE CHAIN OF CUSTODY

ME 10-24-14

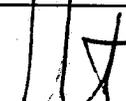
B02/151

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # _____ of _____
TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 Hr</u> Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
C19-42.5	C19	42.5	01A-E	10/24/14	1055	soil	5	<input checked="" type="checkbox"/>				x	1-per
D18-41.5	D18	41.8	02 T	10/24/14	1100	soil	5					x	PK
A18-46	A18	46	03	10/24/14	0955	soil	5					x	10/20/14
A18NSW-46	A18	46	04	10/24/14	1305	soil	5					x	
								C19 10/24/14					

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: 	Courtney Porter	SoundEarth	10/24/14	1430
Received by: 	VIN H	FBI	10/24	1430
Relinquished by:				
Received by:				

Samples received at 2 °C

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

November 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 24, 2014 from the SOU_0731-004-05_20141024, F&BI 410467 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 24, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141024, F&BI 410467 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410467-01	F1WSW-53
410467-02	A21NSW-45

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410467

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
A21NSW-45 410467-02	<2	102
Method Blank 04-2172 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410467

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
A21NSW-45 410467-02	<50	<250	86
Method Blank 04-2225 MB	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A21NSW-45	Client:	SoundEarth Strategies
Date Received:	10/24/14	Project:	SOU_0731-004-05_20141024, F&BI 410467
Date Extracted:	10/30/14	Lab ID:	410467-02
Date Analyzed:	10/30/14	Data File:	103018.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141024, F&BI 410467
Date Extracted:	10/30/14	Lab ID:	04-2194 mb
Date Analyzed:	10/30/14	Data File:	103007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410467

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410531-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410467

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

Laboratory Code: 410467-02 (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	97	96	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/24/14

Project: SOU_0731-004-05_20141024, F&BI 410467

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	74	22-139	3
Chloroethane	mg/kg (ppm)	2.5	73	74	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	80	47-128	0
Methylene chloride	mg/kg (ppm)	2.5	102	100	42-132	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	88	67-127	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	91	68-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	94	72-113	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	88	86	56-135	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	94	62-131	3
Benzene	mg/kg (ppm)	2.5	92	92	68-114	0
Trichloroethene	mg/kg (ppm)	2.5	91	89	64-117	2
Toluene	mg/kg (ppm)	2.5	95	95	66-126	0
Tetrachloroethene	mg/kg (ppm)	2.5	99	98	72-114	1
Ethylbenzene	mg/kg (ppm)	2.5	95	95	64-123	0
m,p-Xylene	mg/kg (ppm)	5	97	95	78-122	2
o-Xylene	mg/kg (ppm)	2.5	100	98	77-124	2

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

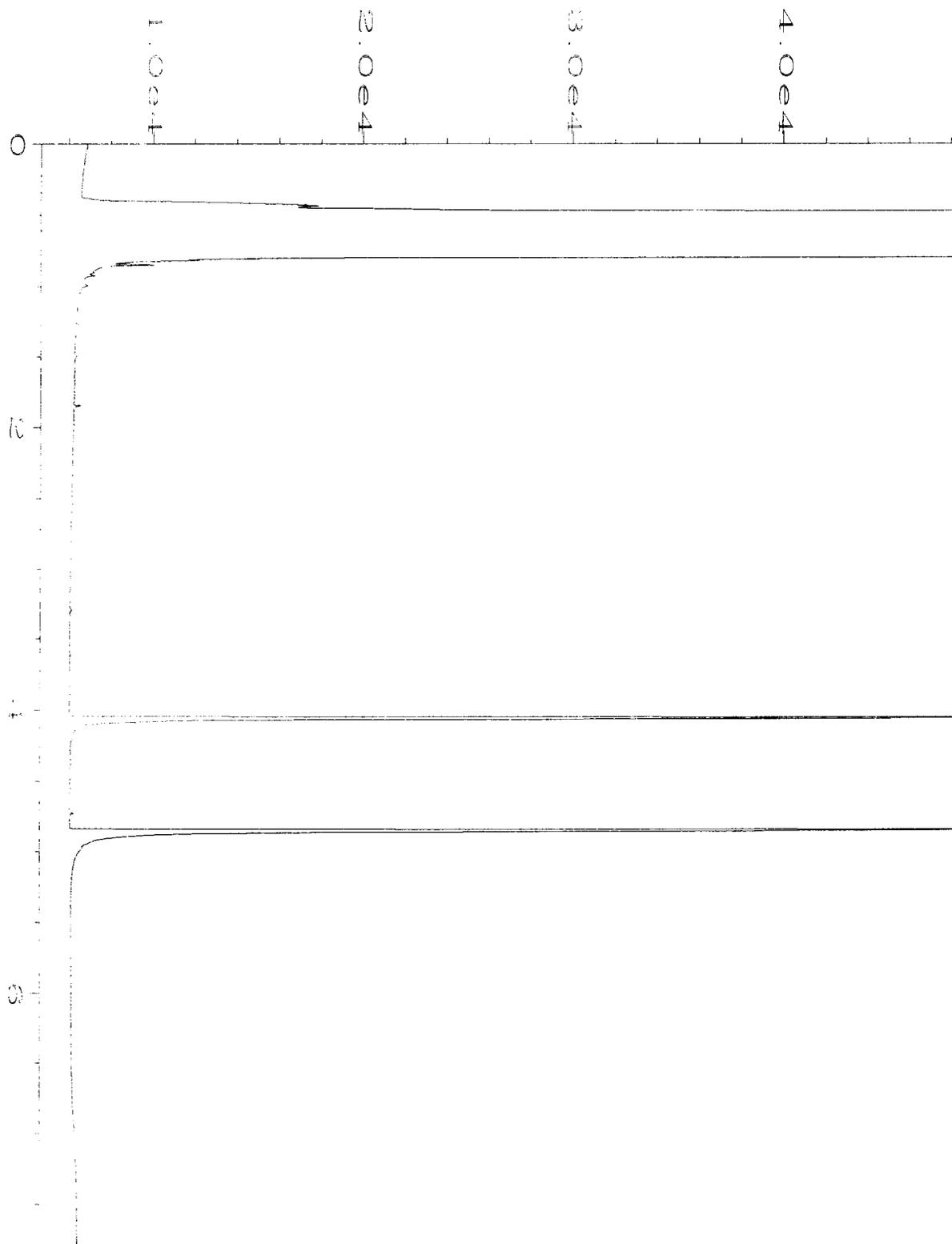
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

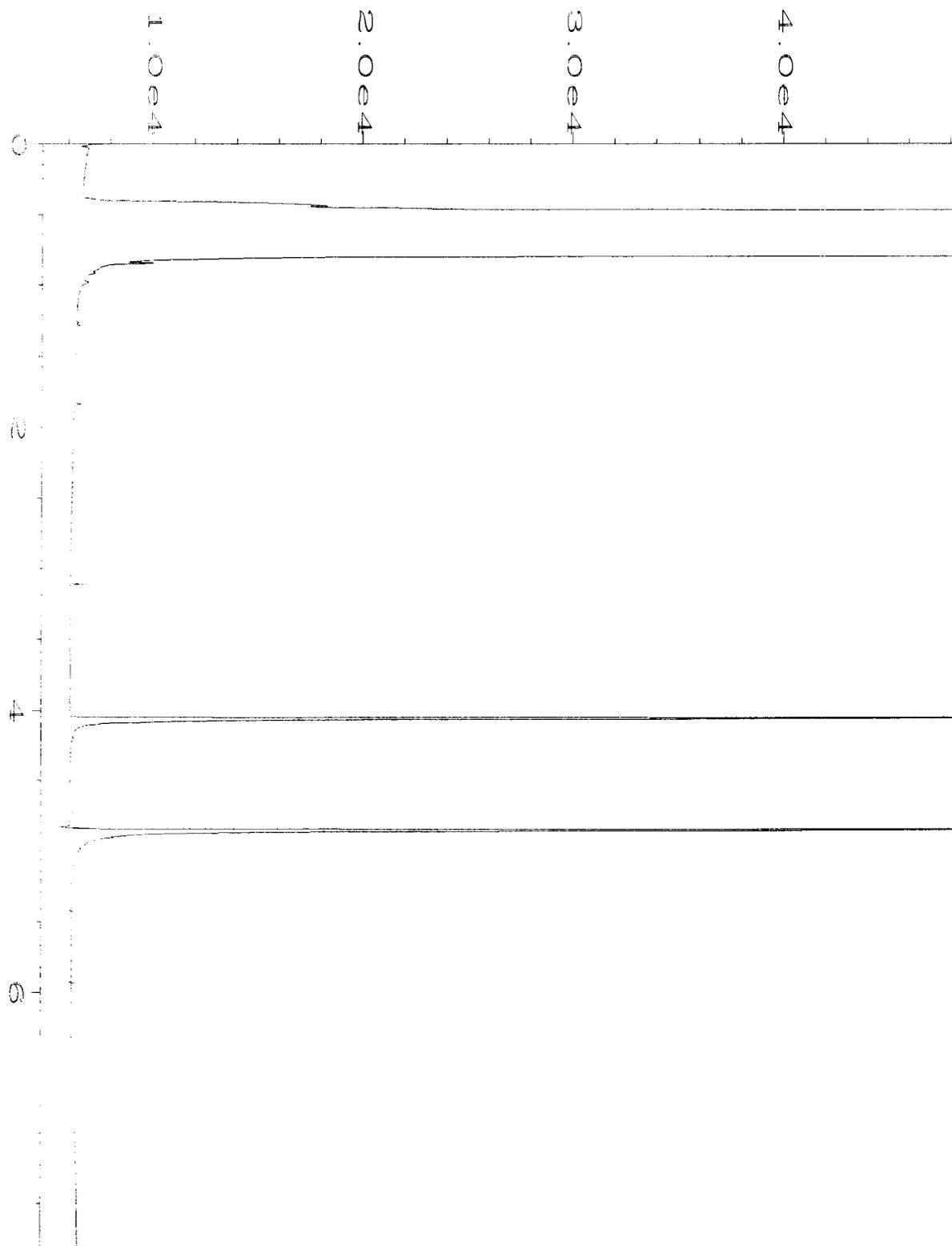
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

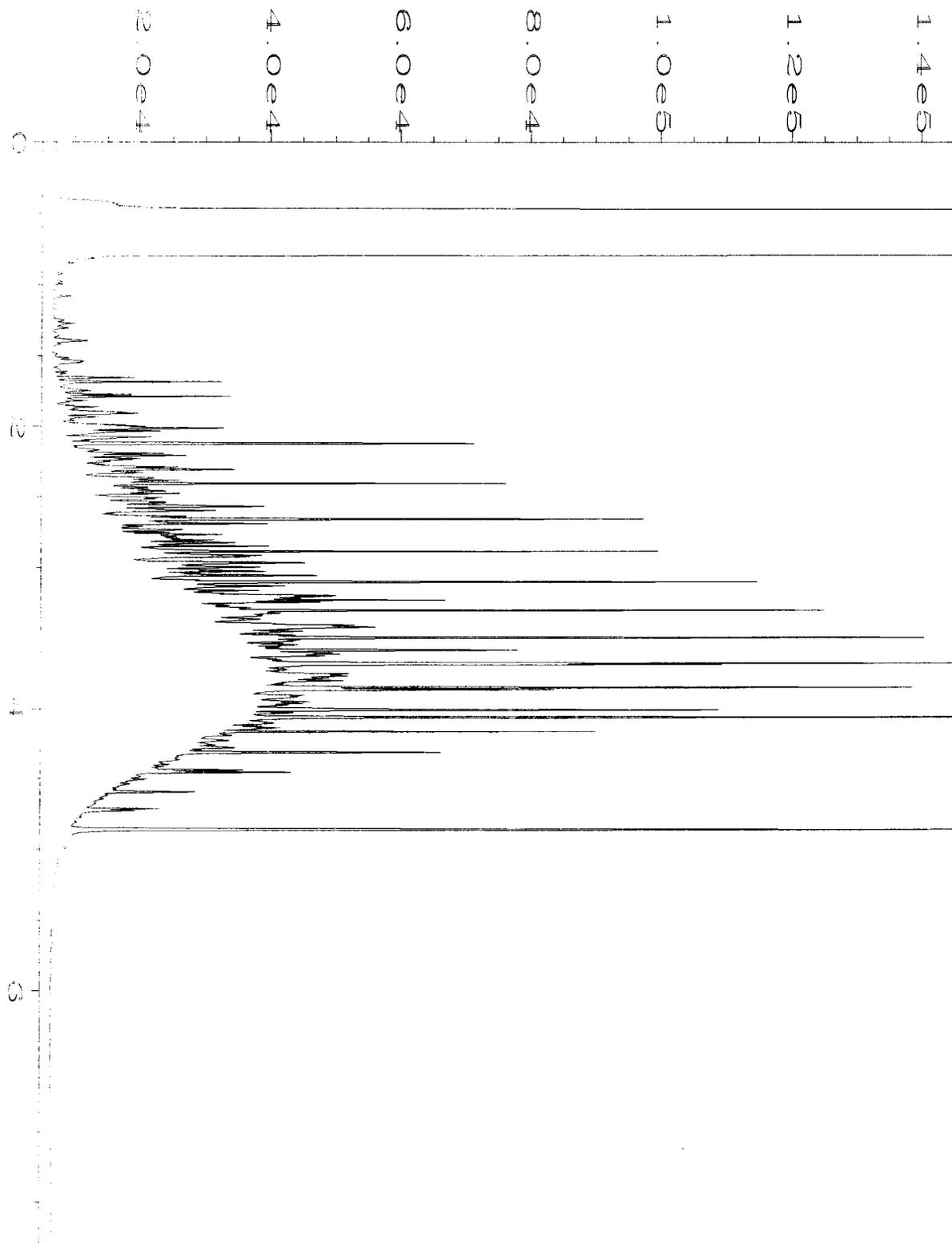
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\038F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 38
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410467-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:48 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\034F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2225 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:01 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:25 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 09:04 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:25 AM		

410467

SAMPLE CHAIN OF CUSTODY ME 10-24-14

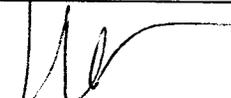
B01 / vs1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
FIWSW-53	F1	53	01A-5	10/24/14	1145	Soil	5						✓ - per PK 10/23/14
AZINSW-45	AZ1	45	02F	10/24/14	1235	Soil	5	✓	✓	✓	✓	x	
CPD 10/24/14													

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: 	Courtney Porter	SoundEarth	10/24/14	1430
Received by: 	VINH	FBI	10/24/14	1430
Relinquished by:				
Received by:				

Samples received at 2

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

November 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 27, 2014 from the SOU_0731-004-05_20141027, F&BI 410482 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 27, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141027, F&BI 410482 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410482-01	A21NSW-40
410482-02	N1WSW-50
410482-03	O1WSW-50
410482-04	S1WSW-47
410482-05	U1WSW-48
410482-06	V1WSW-49
410482-07	K1WSW-48
410482-08	J1WSW-48
410482-09	I1WSW-48
410482-10	H1WSW-48
410482-11	CC1WSW-58
410482-12	CC1WSW-53
410482-13	Y1WSW-50
410482-14	Z1WSW-50
410482-15	AA1WSW-51

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410482

Date Extracted: 10/31/14

Date Analyzed: 10/31/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-47 410482-04	<2	104
U1WSW-48 410482-05	<2	102
V1WSW-49 410482-06	<2	102
J1WSW-48 410482-08	<2	85
CC1WSW-58 410482-11	<2	99
CC1WSW-53 410482-12	<2	103
Y1WSW-50 410482-13	<2	102
Z1WSW-50 410482-14	<2	102
AA1WSW-51 410482-15	<2	102
Method Blank 04-2174 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410482

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 56-165)
S1WSW-47 410482-04	<50	<250	95
U1WSW-48 410482-05	<50	<250	85
V1WSW-49 410482-06	<50	<250	88
J1WSW-48 410482-08	<50	<250	84
CC1WSW-58 410482-11	<50	<250	84
CC1WSW-53 410482-12	<50	<250	84
Y1WSW-50 410482-13	<50	<250	86
Z1WSW-50 410482-14	<50	<250	85
AA1WSW-51 410482-15	<50	<250	88
Method Blank 04-2225 MB	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-47	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-04
Date Analyzed:	10/30/14	Data File:	103024.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-48	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-05
Date Analyzed:	10/30/14	Data File:	103025.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-49	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-06
Date Analyzed:	10/30/14	Data File:	103026.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.056

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ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J1WSW-48	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-08
Date Analyzed:	10/30/14	Data File:	103027.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-58	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-11
Date Analyzed:	10/30/14	Data File:	103028.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-53	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-12
Date Analyzed:	10/30/14	Data File:	103029.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-50	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-13
Date Analyzed:	10/30/14	Data File:	103030.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.037

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-50	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-14
Date Analyzed:	10/30/14	Data File:	103031.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-51	Client:	SoundEarth Strategies
Date Received:	10/27/14	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	410482-15
Date Analyzed:	10/30/14	Data File:	103032.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	96	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141027, F&BI 410482
Date Extracted:	10/30/14	Lab ID:	04-2194 mb
Date Analyzed:	10/30/14	Data File:	103007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410482

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410482-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410482

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

Laboratory Code: 410467-02 (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	97	96	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410482

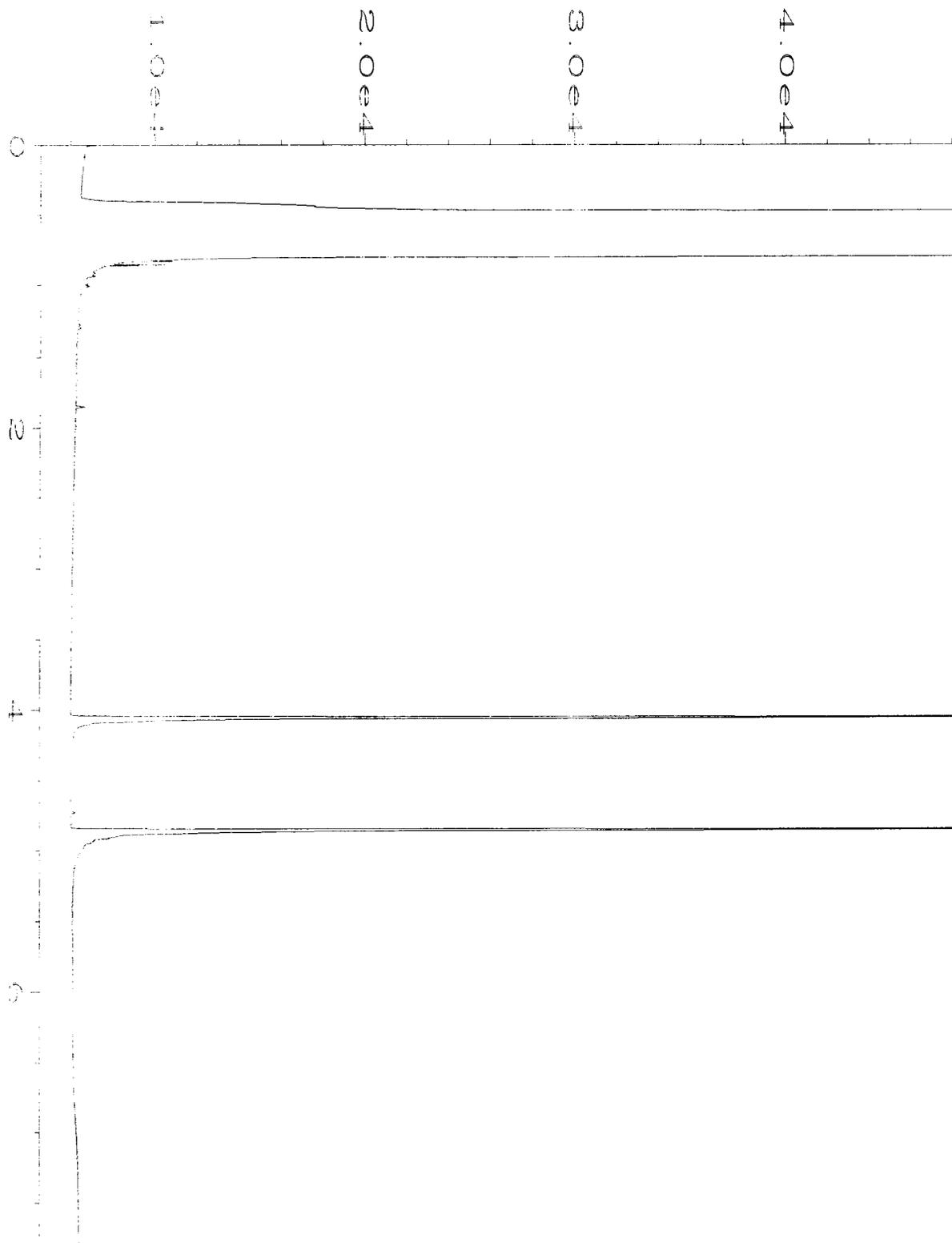
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

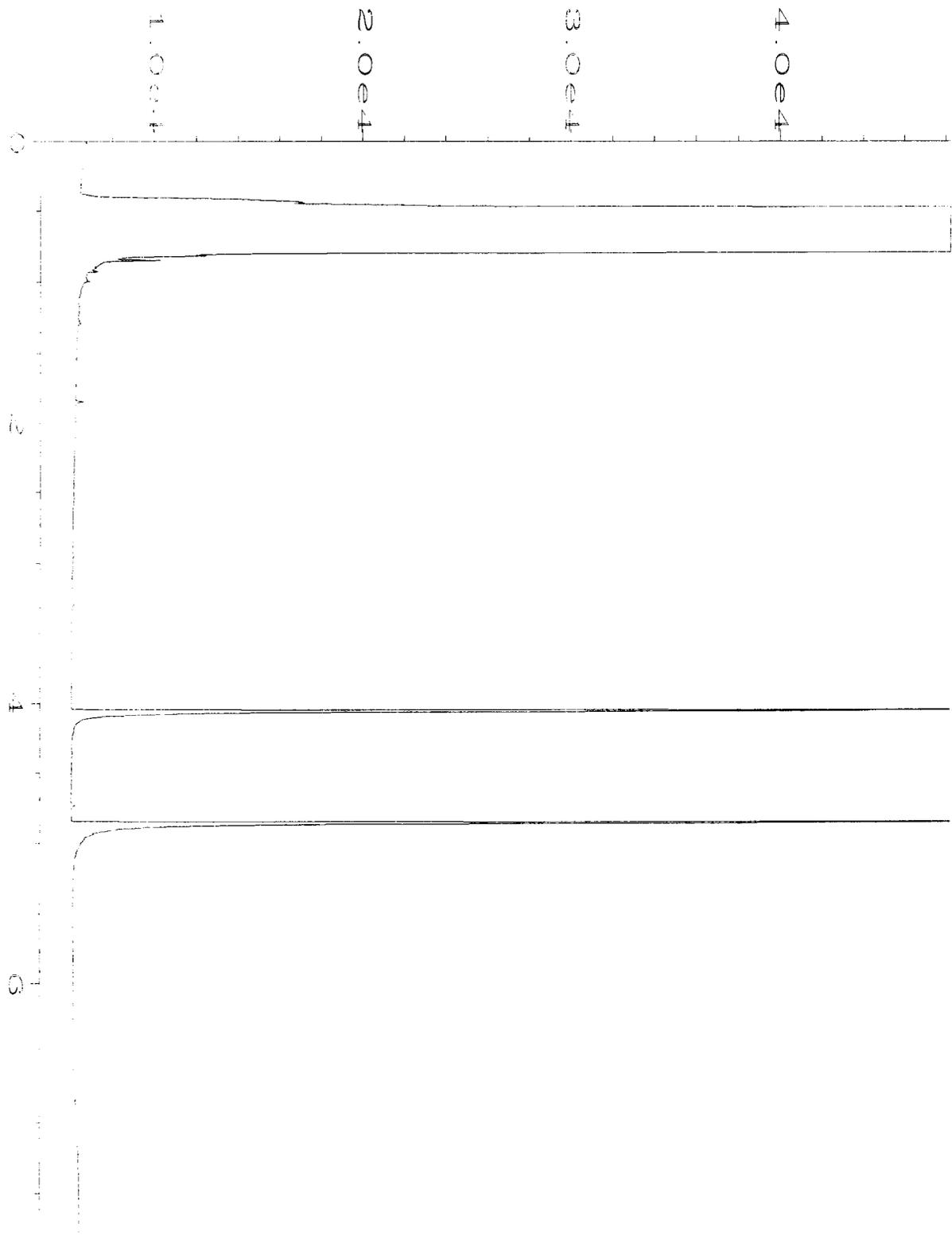
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	74	22-139	3
Chloroethane	mg/kg (ppm)	2.5	73	74	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	80	47-128	0
Methylene chloride	mg/kg (ppm)	2.5	102	100	42-132	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	88	67-127	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	91	68-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	94	72-113	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	88	86	56-135	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	94	62-131	3
Benzene	mg/kg (ppm)	2.5	92	92	68-114	0
Trichloroethene	mg/kg (ppm)	2.5	91	89	64-117	2
Toluene	mg/kg (ppm)	2.5	95	95	66-126	0
Tetrachloroethene	mg/kg (ppm)	2.5	99	98	72-114	1
Ethylbenzene	mg/kg (ppm)	2.5	95	95	64-123	0
m,p-Xylene	mg/kg (ppm)	5	97	95	78-122	2
o-Xylene	mg/kg (ppm)	2.5	100	98	77-124	2

Data Qualifiers & Definitions

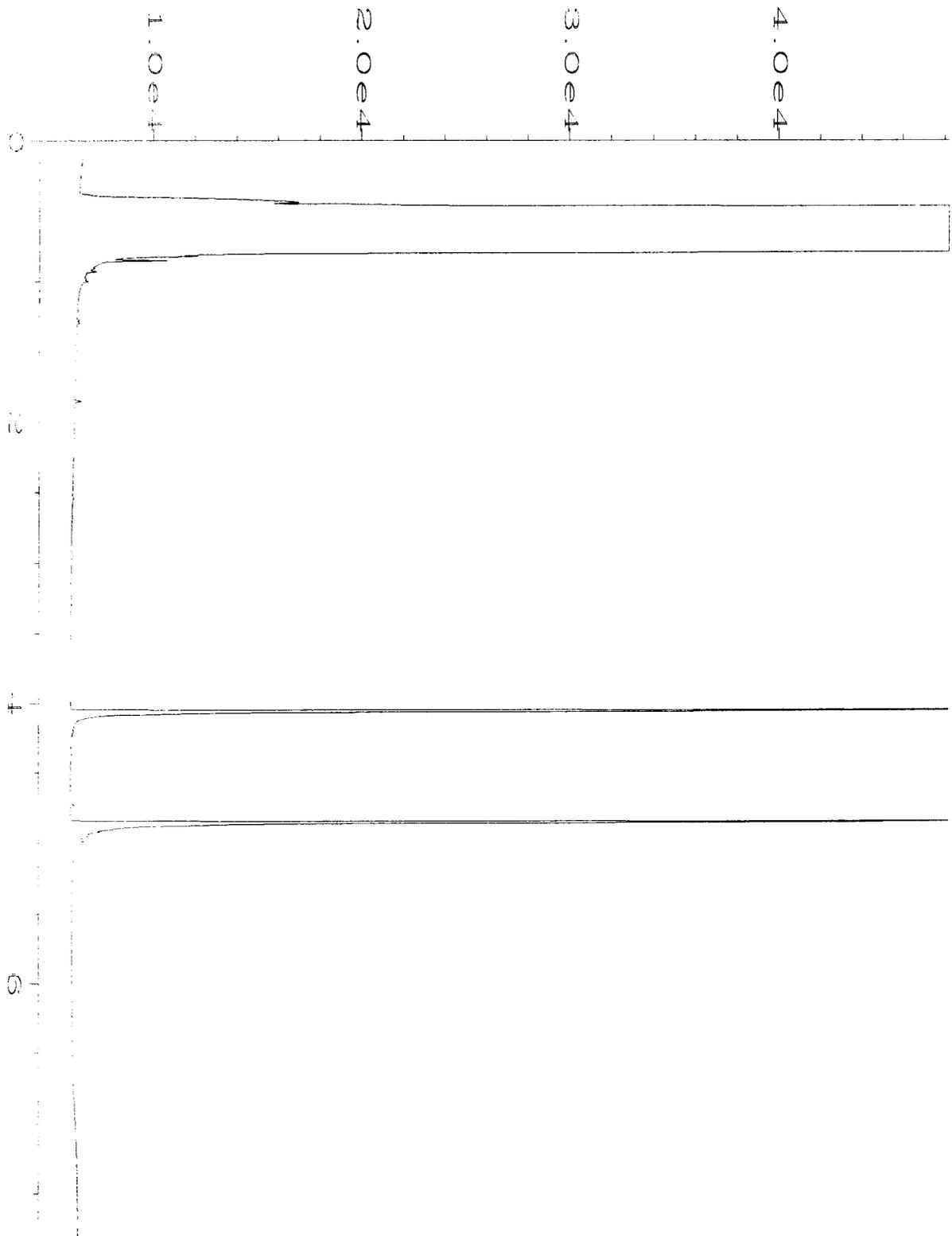
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



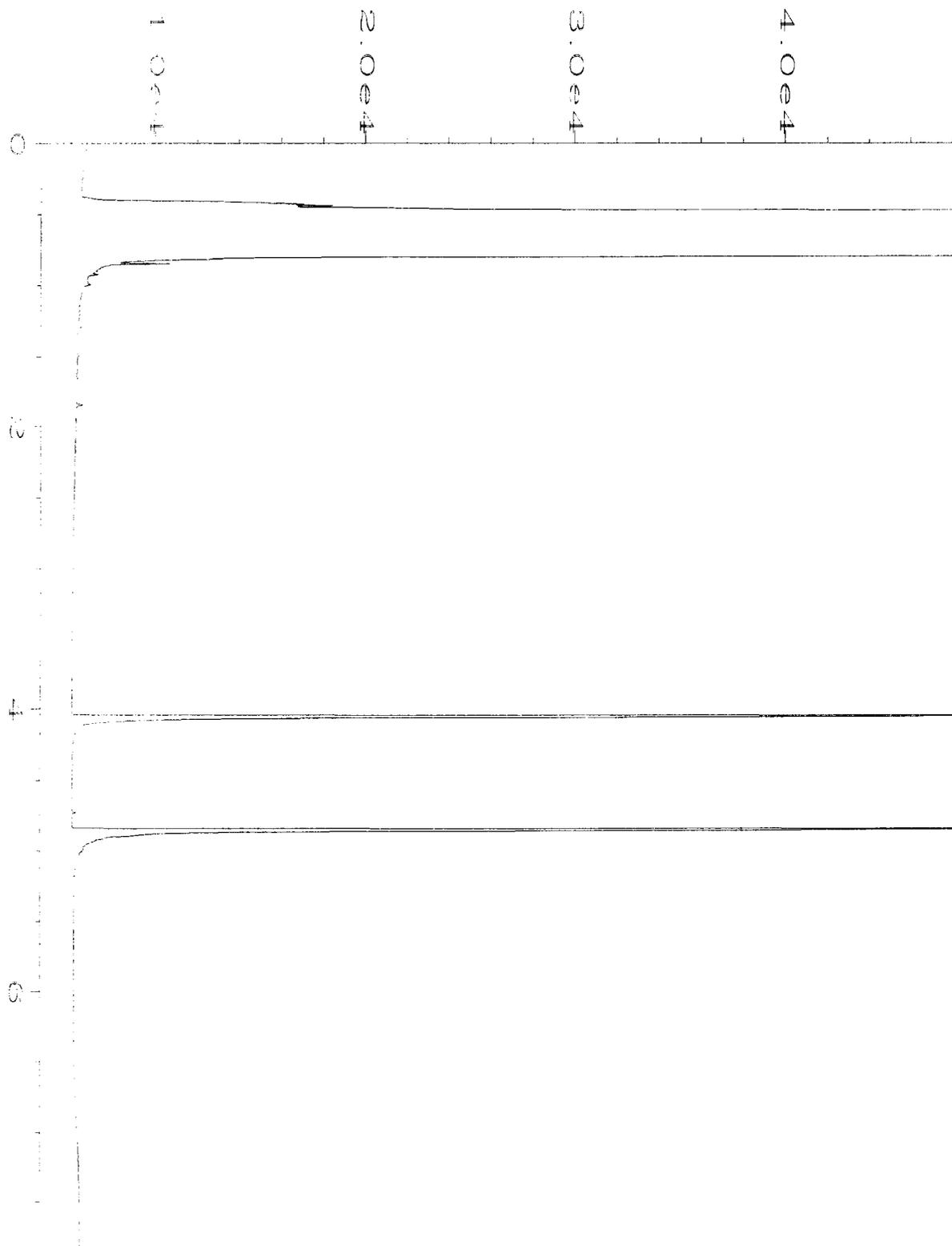
Data File Name	: C:\HPCHEM\1\DATA\10-30-14\039F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 39
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-04	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:00 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



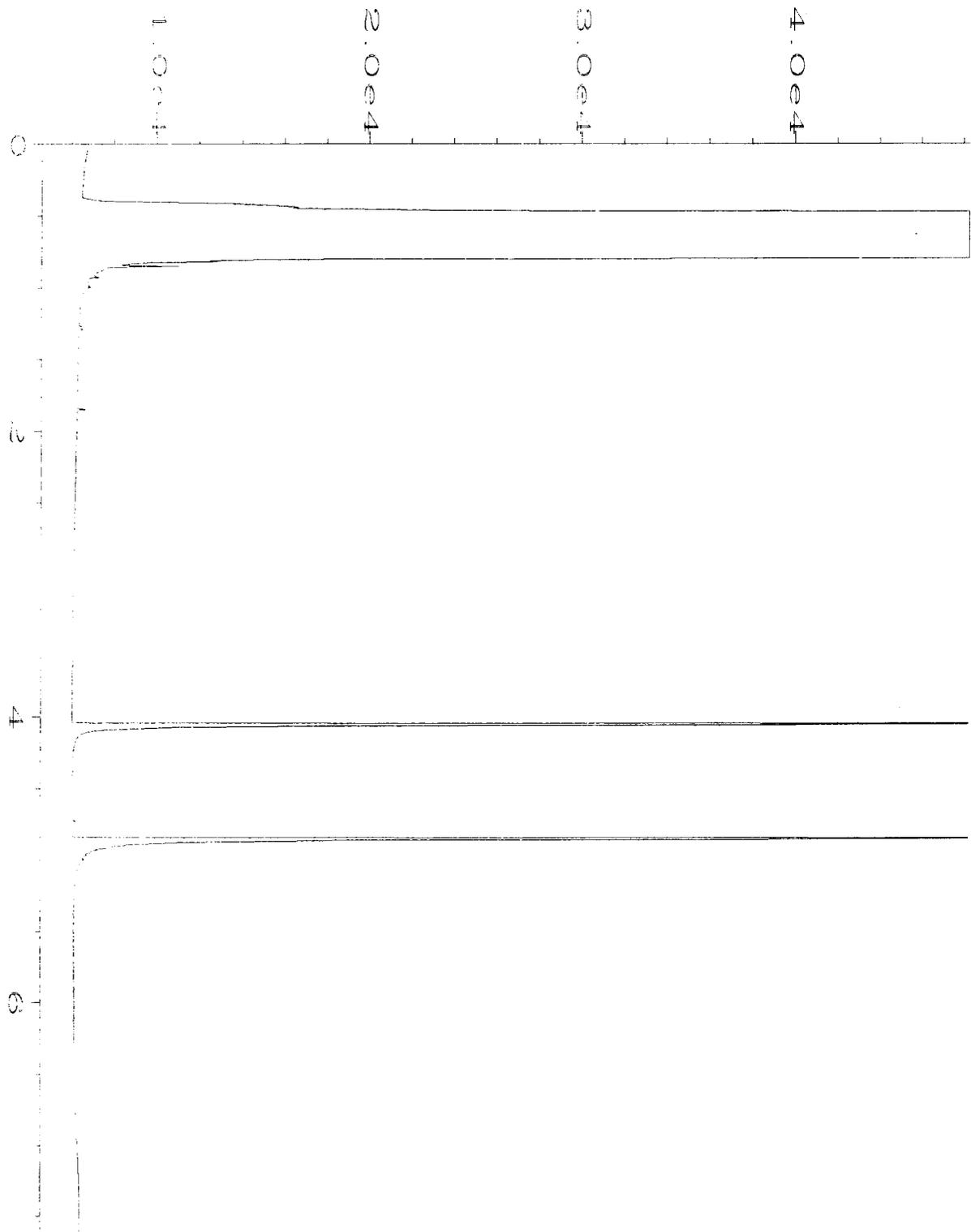
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Operator	: mwdl	Vial Number	: 40
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-05	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:13 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



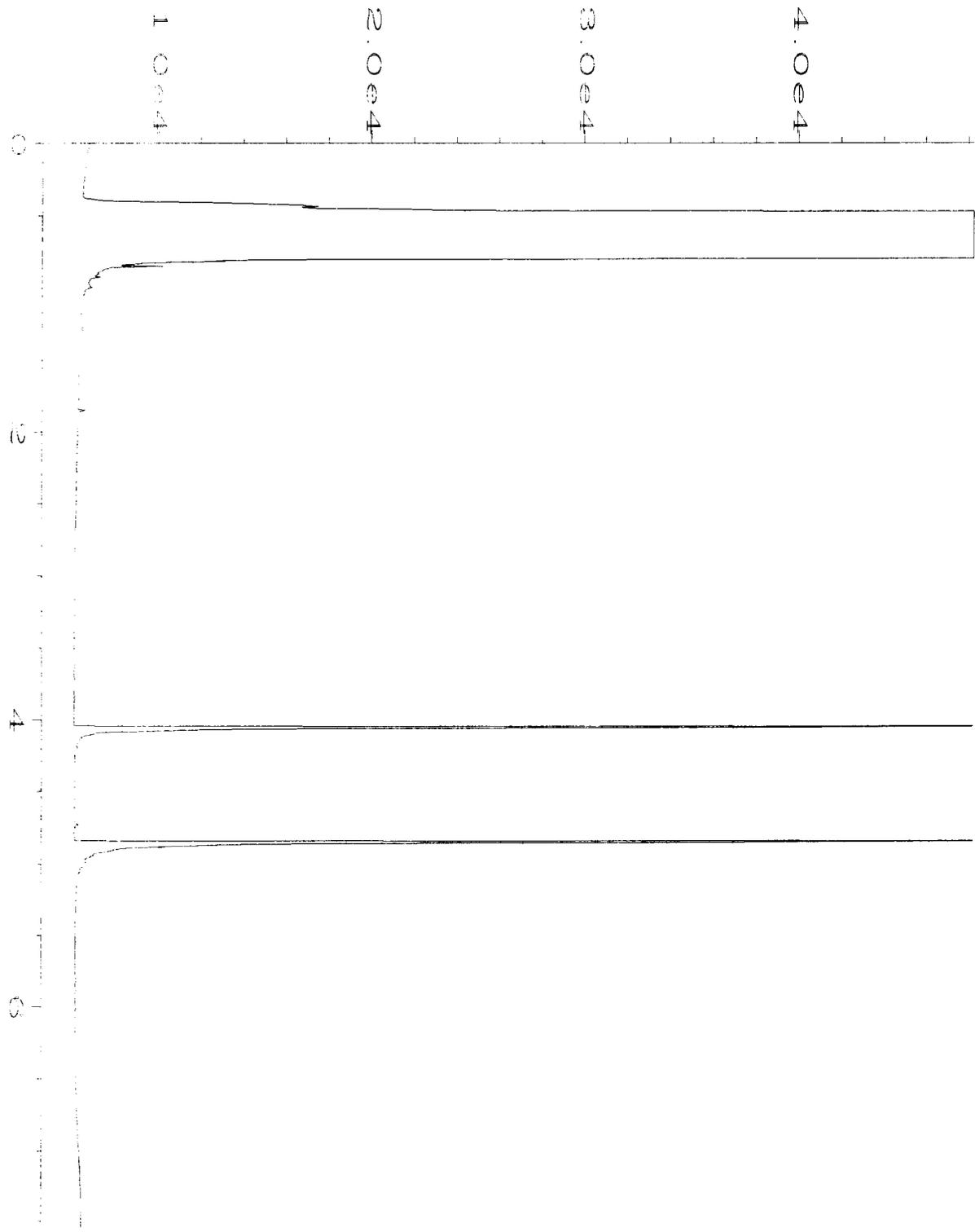
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Operator	: mwdl	Vial Number	: 41
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-06	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:25 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



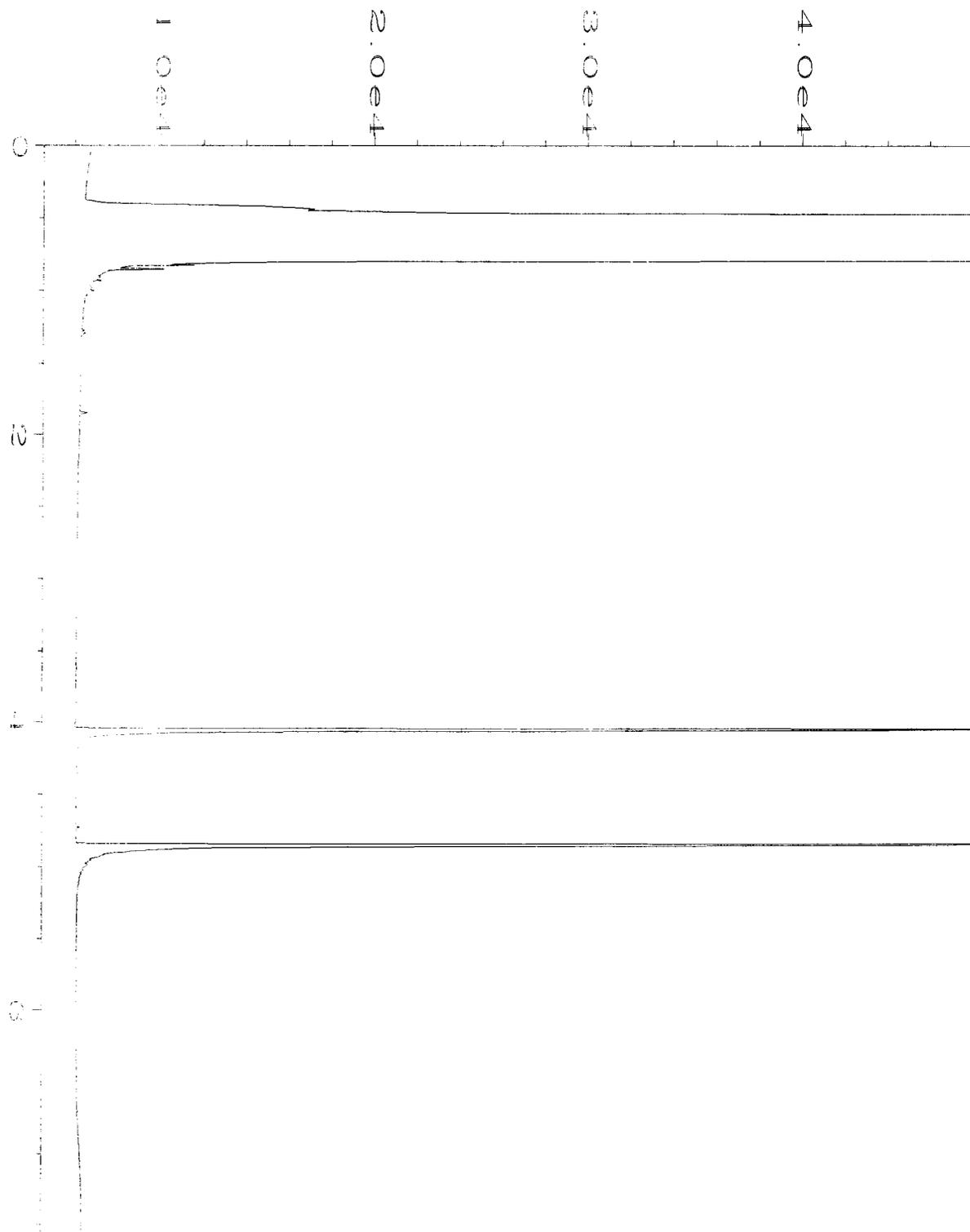
Data File Name	: C:\HPCHEM\1\DATA\10-30-14\042F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 42
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-08	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:38 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



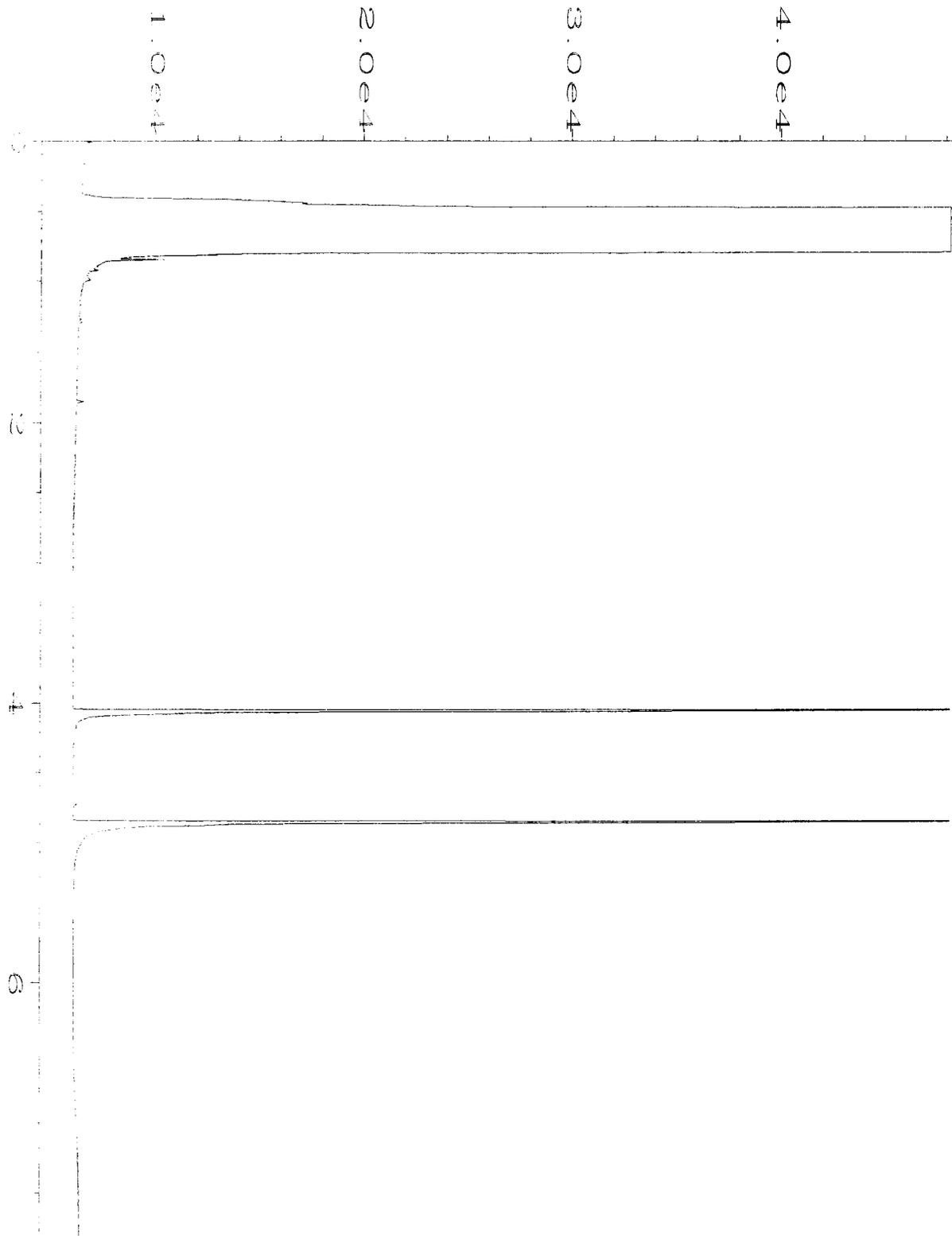
Data File Name	: C:\HPCHEM\1\DATA\10-30-14\043F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 43
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-11	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:50 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



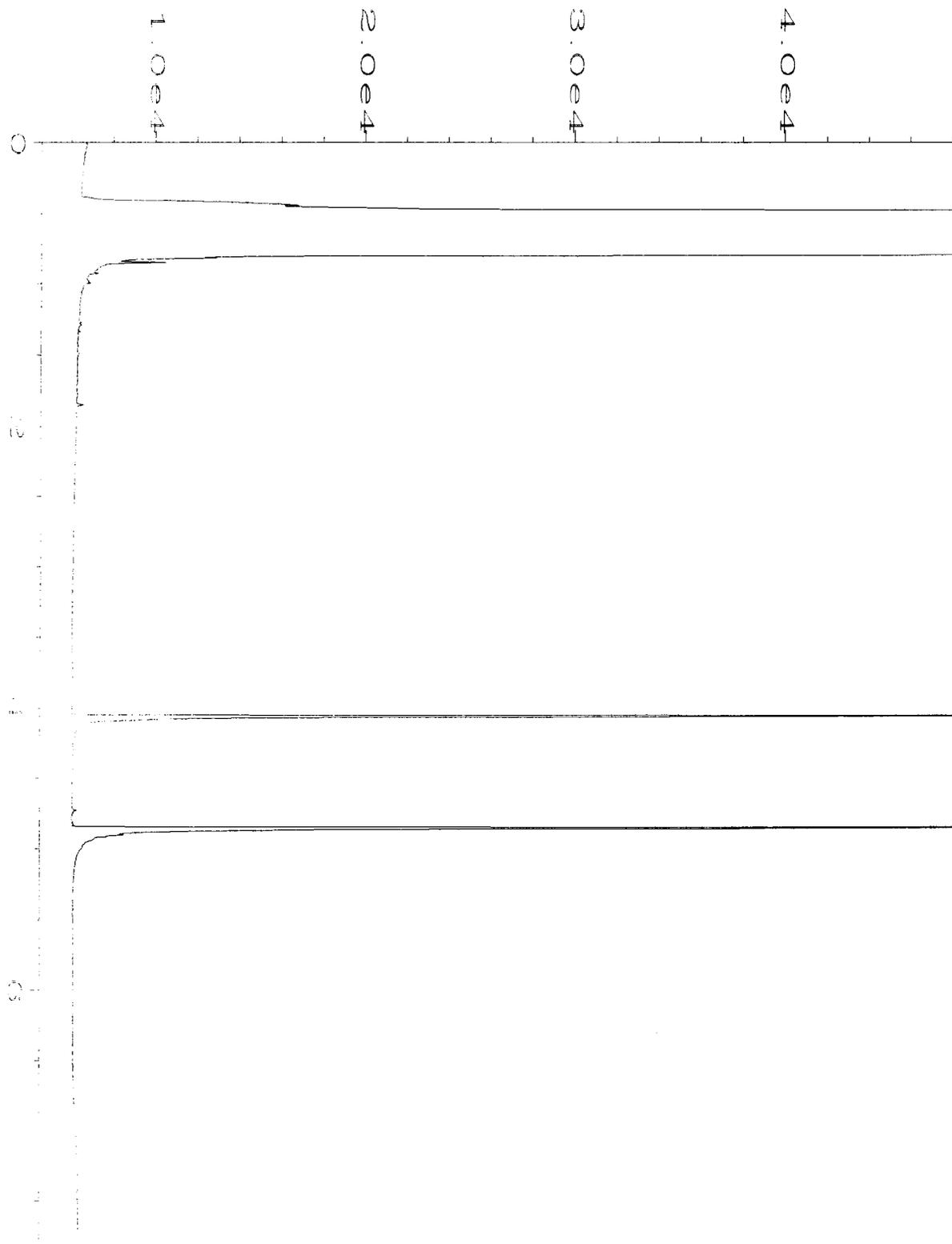
Data File Name	: C:\HPCHEM\1\DATA\10-30-14\044F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-12	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 06:03 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



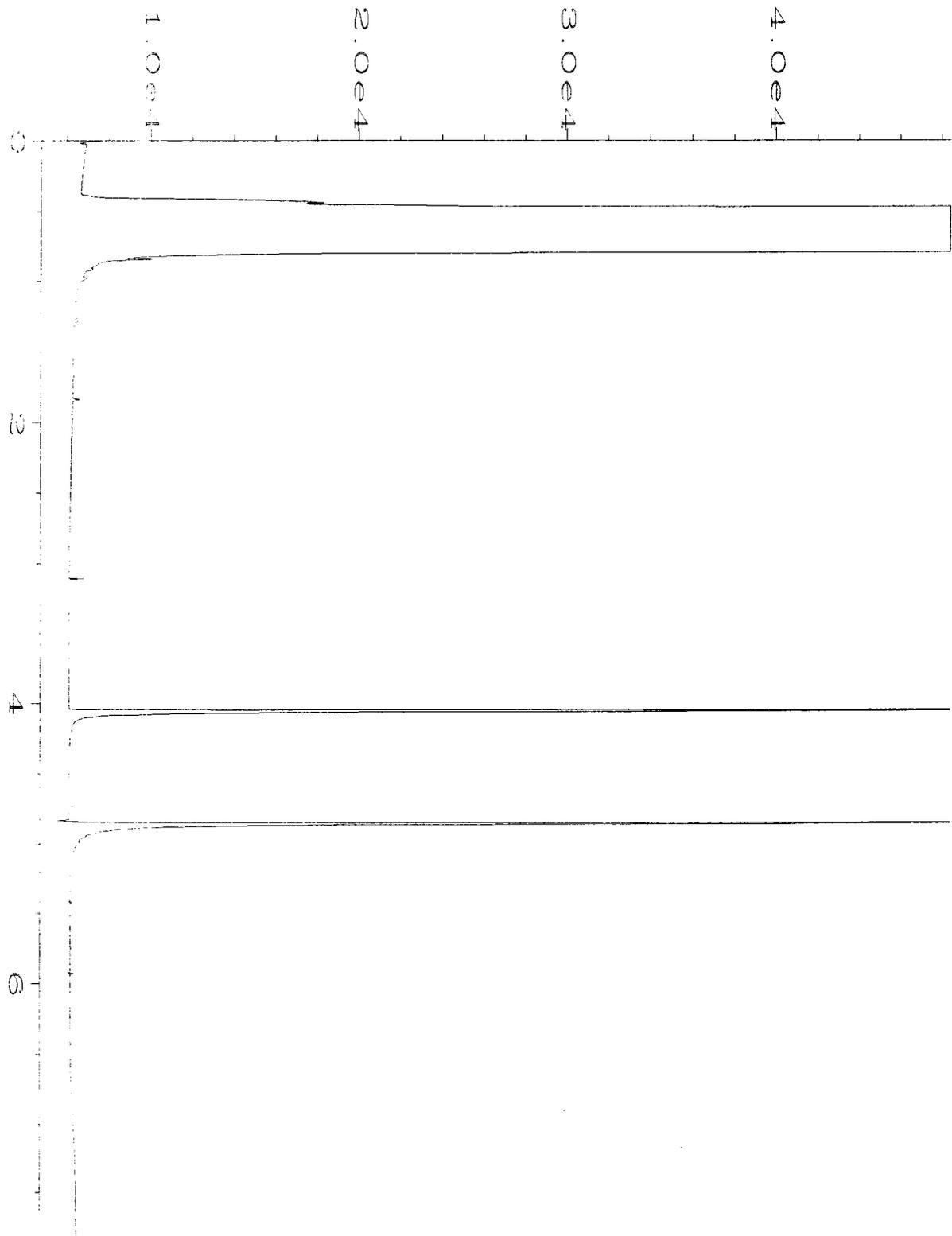
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Operator	: mwdl	Vial Number	: 45
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-13	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 06:16 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



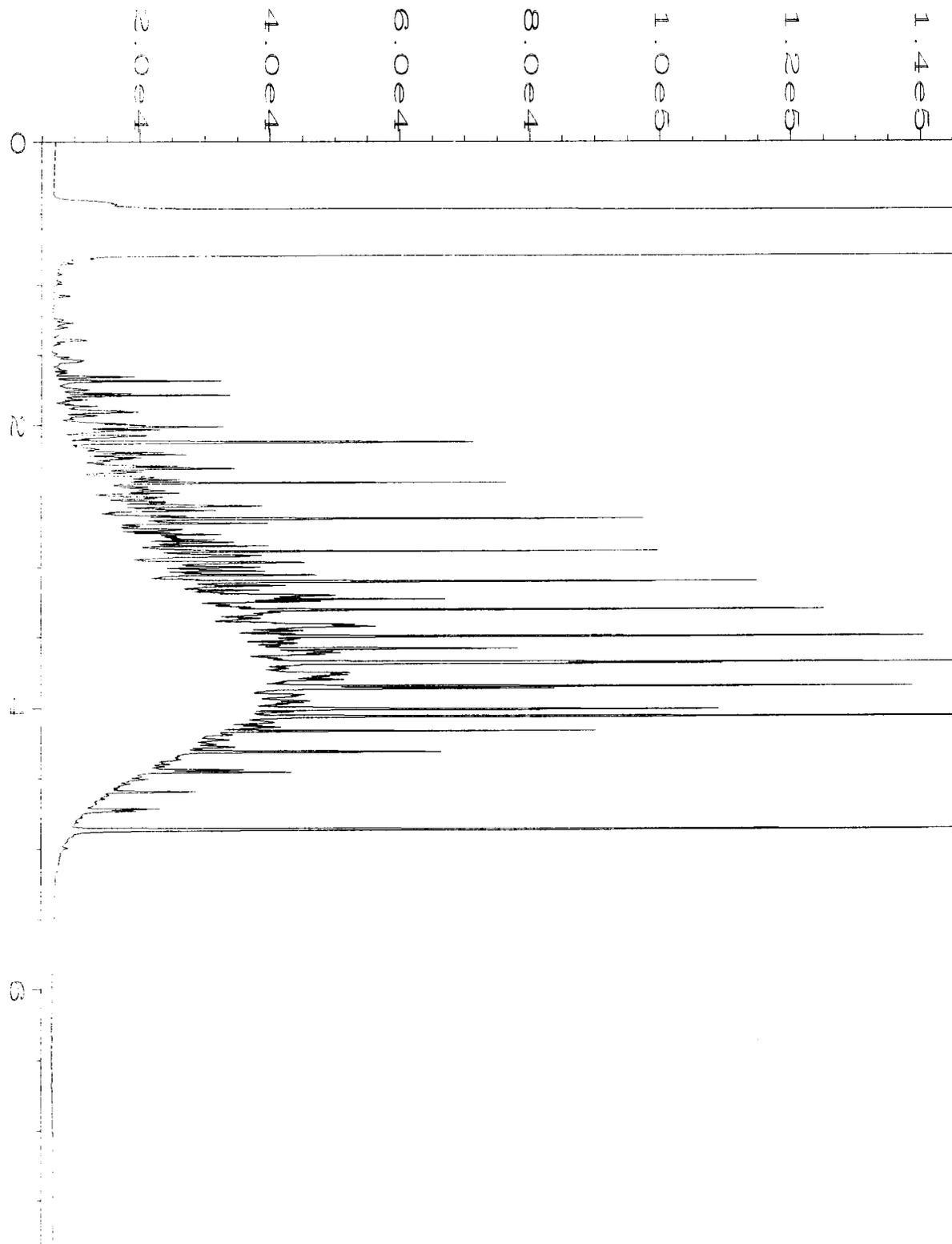
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Operator	: mwdl	Vial Number	: 46
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-14	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 06:28 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\047F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 47
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410482-15	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 06:41 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:25 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\034F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2225 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 04:01 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:25 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-30-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 09:04 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:25 AM		

410482

SAMPLE CHAIN OF CUSTODY

ME 10/27/14

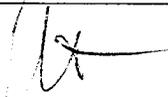
KS3/ Boy 1 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

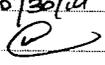
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

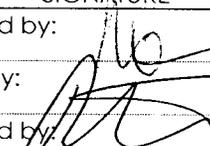
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
AZINSW-40	AZ1	40	01A-E	10/27/14	0740	soil	5					X	✓ per PK 10/30/14 
NIWSW-50	NI	50	02	10/27/14	0755	soil	5					X	
OIWSW-50	OI	50	03	10/27/14	0800	soil	5					X	
SIWSW-47	SI	47	04	10/27/14	0810	soil	5	✓	✓	✓	✓	X	
UIWSW-48	UI	48	05	10/27/14	0825	soil	5	✓	✓	✓	✓	X	
VIWSW-49	VI	49	06	10/27/14	0835	soil	5	✓	✓	✓	✓	X	
KIWSW-48	KI	48	07	10/27/14	0900	soil	5					X	
JIWSW-48	JI	48	08	10/27/14	0905	soil	5	✓	✓	✓	✓	X	
IIWSW-48	II	48	09	10/27/14	0910	soil	5					X	
HIWSW-48	HI	48	10	10/27/14	0930	soil	5					X	
CCIWSW-58	CCI	58	11	10/27/14	0940	soil	5	✓	✓	✓	✓	X	
CCIWSW-53	CCI	53	12	10/27/14	0945	soil	5	✓	✓	✓	✓	X	
YIWSW-50	YI	50	13	10/27/14	1005	soil	5	✓	✓	✓	✓	X	

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: 	Courtney Porter	Sound Earth	10/27/14	1410
Received by: 	Matt [unclear]	FB In	10/27/14	1410
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

410482

SAMPLE CHAIN OF CUSTODY

ME 10/27/14

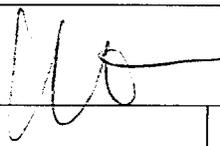
VS3/BOY 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

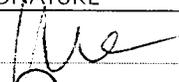
Page # 2 of 2

TURNAROUND TIME
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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Z1WSW-50	Z1	50	14 AE	10/27/14	1010	soil	5	✓	✓	✓	✓	X
AA1WSW-51	AA1	51	15 V	10/27/14	1015	soil	5	✓	✓	✓	✓	X
Go 10/27/14												

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: 	Courtney Porter	SoundEarth	10/27/14	1410
Received by: 	Neil Bryson	FBI	10/27/14	1410
Relinquished by:				
Received by:				

Samples received at 5 °C

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

October 31, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 27, 2014 from the SOU_0731-004-05_20141027, F&BI 410483 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1031R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 27, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141027, F&BI 410483 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
410483-01

SoundEarth Strategies
E16-44

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410483

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
E16-44 410483-01 1/10	330	117
Method Blank 04-2172 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/27/14

Project: SOU_0731-004-05_20141027, F&BI 410483

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410531-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410483

SAMPLE CHAIN OF CUSTODY

ME 10/27/14

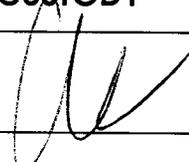
VS1/

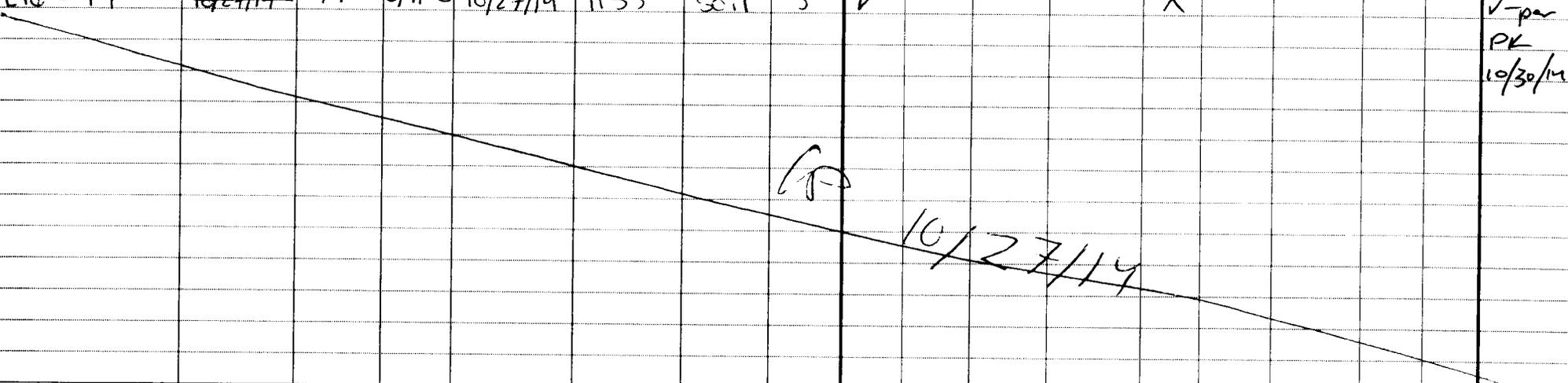
Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

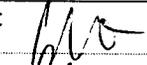
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u> / BC
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 Hr</u> Rush charges authorized by: _____ SAMPLE DISPOSAL <input checked="" type="checkbox"/> Dispose after 30 days Return samples Will call with instructions
REMARKS	EIM Y	

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
E10-44	File 10/27/14	44	O/A-E	10/27/14	1135	soil	5	<input checked="" type="checkbox"/>				X	V-per PK 10/30/14
													

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: 	Courtney Porter	SoundEarth	10/27/14	1400
Received by: 	Jeffrey Starn	T-Porter	10/27/14	1410
Relinquished by:				
Received by:				

Samples received at 5 °C

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 29, 2014 from the SOU_0731-004-05_20141029, F&BI 410539 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 29, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141029, F&BI 410539 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410539-01	JJ14SSW-65
410539-02	II1WSW-62
410539-03	JJ1SWSW-62
410539-04	JJ2SSW-63
410539-05	JJ4SSW-64
410539-06	JJ6SSW-65
410539-07	JJ8SSW-65
410539-08	JJ13SSW-65
410539-09	JJ16SSW-58
410539-10	JJ21SSW-53
410539-11	JJ23SSW-53
410539-12	JJ24SSW-53
410539-13	K1WSW-43
410539-14	J1WSW-43
410539-15	I1WSW-43
410539-16	P1WSW-45
410539-17	O1WSW-45
410539-18	N1WSW-45
410539-19	JJ1WSW-57
410539-20	JJ2SSW-58
410539-21	JJ4SSW-59

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 11/12/14

Date Analyzed: 11/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
JJ1WSW-57 410539-19	<2	92
Method Blank 04-2283 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 11/12/14

Date Analyzed: 11/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ1WSW-57 410539-19	<50	<250	115
Method Blank 04-2302 MB	<50	<250	106

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1WSW-57	Client:	SoundEarth Strategies
Date Received:	10/29/14	Project:	SOU_0731-004-05_20141029
Date Extracted:	11/12/14	Lab ID:	410539-19
Date Analyzed:	11/12/14	Data File:	111211.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141029
Date Extracted:	11/12/14	Lab ID:	04-2210 mb
Date Analyzed:	11/12/14	Data File:	111209.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	104	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	100	95	61-153	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

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

Laboratory Code: 411183-01 (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	710	96	108	73-135	12

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	112	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411163-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	73	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	70	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	95	89	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	79	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	82	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	75	27-112	1
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	67	68	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	66	66	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	73	73	38-111	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	71	72	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	73	73	38-113	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	112	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	105	65-110
Methylene chloride	mg/kg (ppm)	2.5	112	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	106	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	107	72-116
Benzene	mg/kg (ppm)	2.5	100	75-107
Trichloroethene	mg/kg (ppm)	2.5	102	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110
Ethylbenzene	mg/kg (ppm)	2.5	103	81-114
m,p-Xylene	mg/kg (ppm)	5	104	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

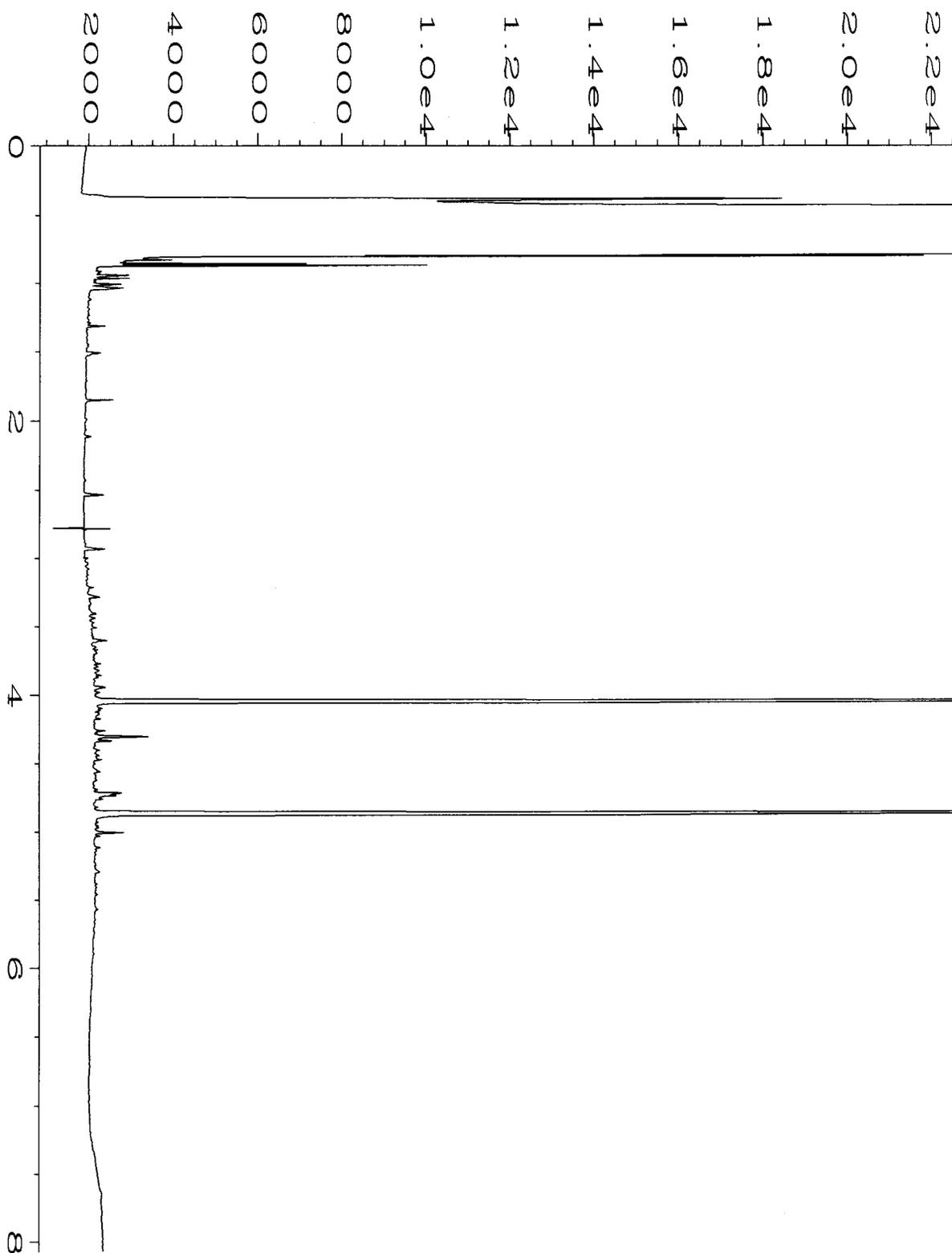
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

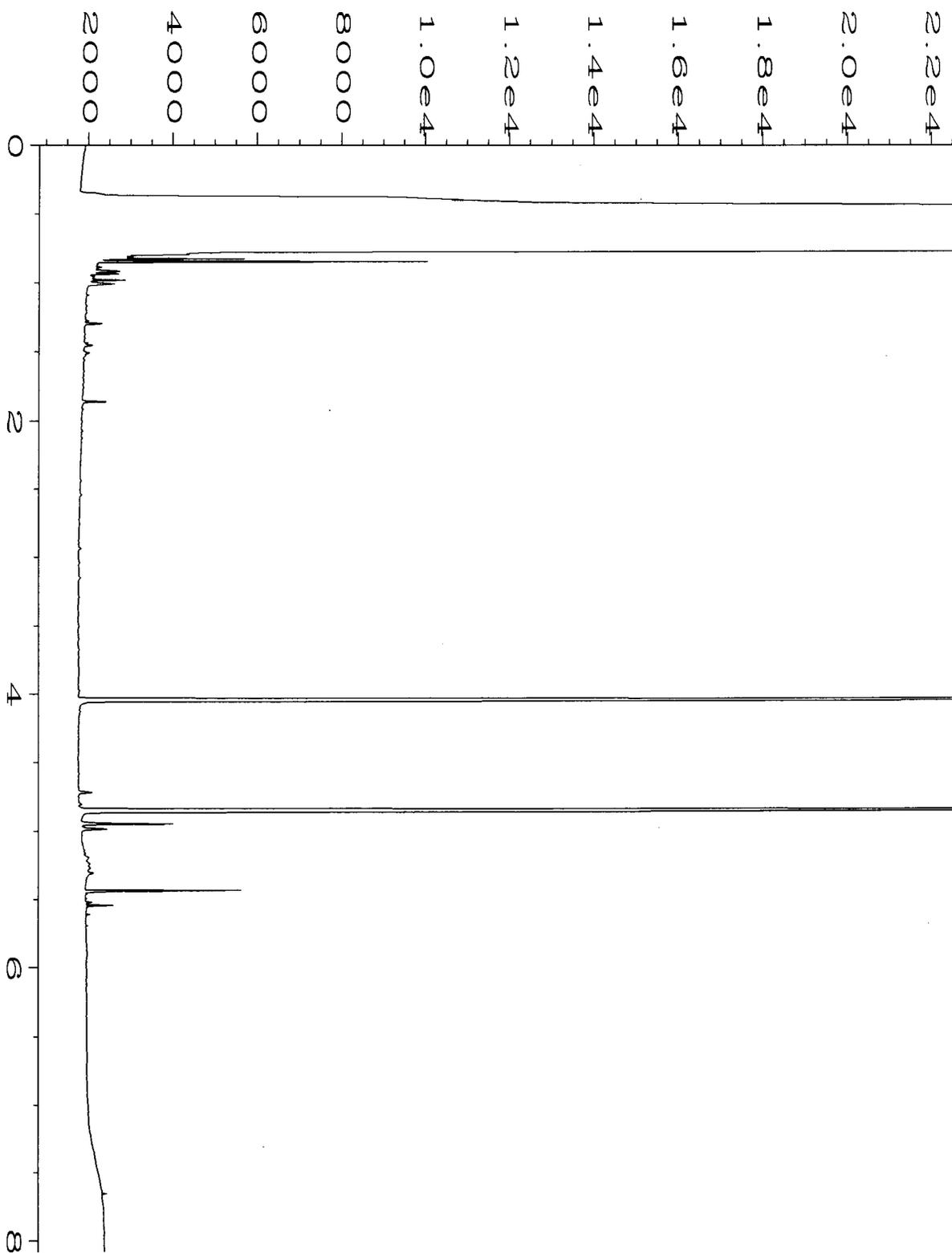
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

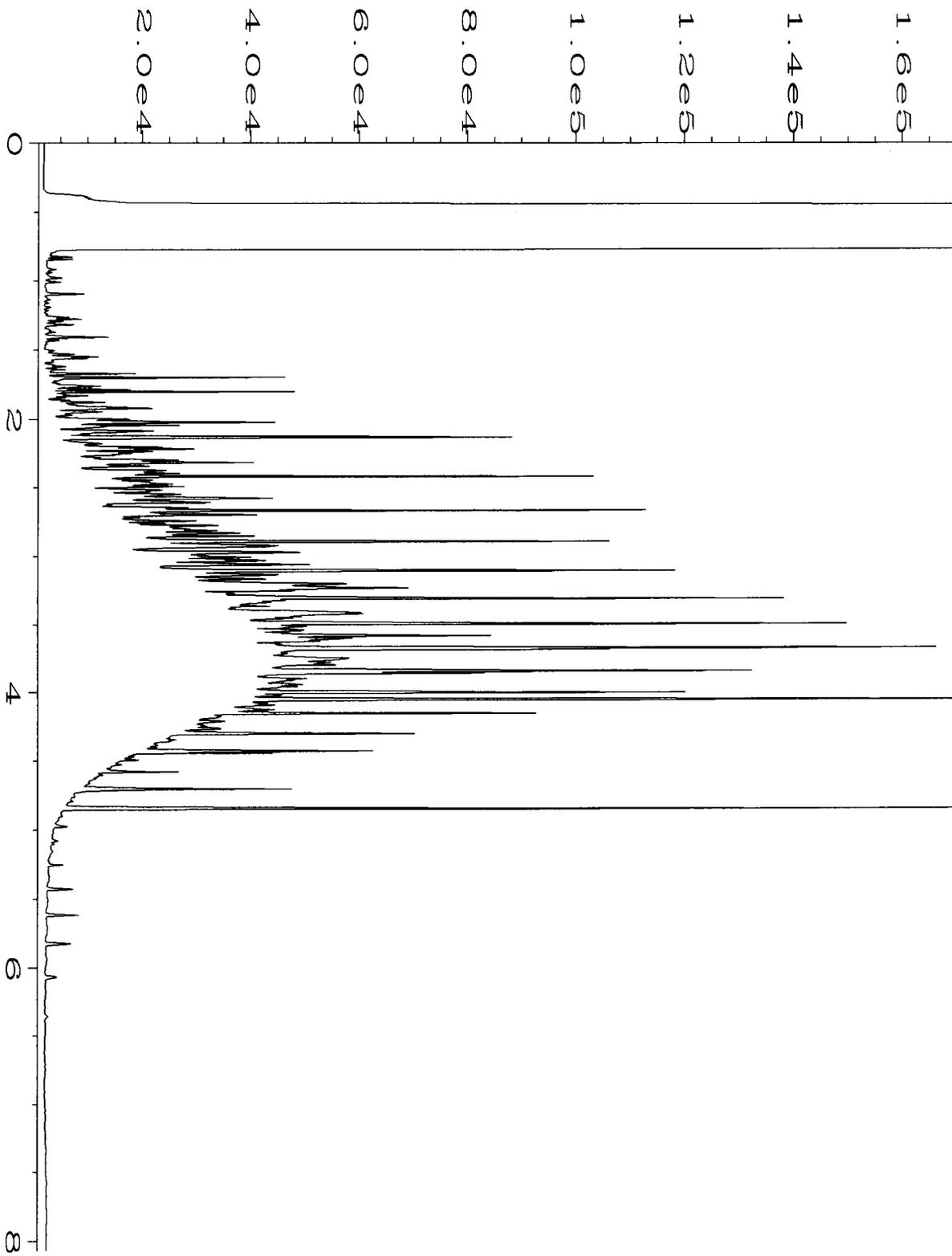
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\4\DATA\11-13-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410539-19	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:20 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-12-14\018F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 18
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2302 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Nov 14 04:00 PM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:20 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-12-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Nov 14 09:24 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:21 PM		

410539

SAMPLE CHAIN OF CUSTODY ME 10-29-14

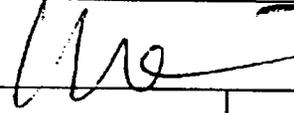
B04/453 2
Page # 1 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

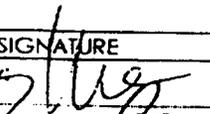
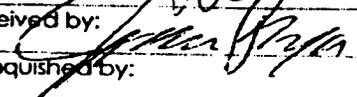
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOT	Notes
JJ1455W-65	JJ14	65	01	10/28/14	0910	Soil	5					X	
JJ1155W-62	JJ11	62	02	10/28/14	1205	Soil	5					X	
JJ1555W-62	JJ15	62	03	10/28/14	1210	Soil	5					X	
JJ2555W-63	JJ25	63	04	10/28/14	1215	Soil	5					X	
JJ4555W-64	JJ45	64	05	10/28/14	1340	Soil	5					X	
JJ6555W-65	JJ65	65	06	10/28/14	1345	Soil	5					X	
JJ8555W-65	JJ85	65	07	10/28/14	1350	Soil	5					X	
JJ1355W-65	JJ13	65	08	10/28/14	1400	Soil	5					X	
JJ1655W-58	JJ16	58	09	10/29/14	0750	Soil	5					X	
JJ2155W-53	JJ21	53	10	10/29/14	0920	Soil	5					X	
JJ2355W-53	JJ23	53	11	10/29/14	0935	Soil	5					X	
JJ2455W-53	JJ24	53	12	10/29/14	0950	Soil	5					X	
K155W-43	K1	43	13	10/29/14	1000	Soil	5					X	

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: 	Courtney Porter	SoundEarth	10/29/14	1410
Received by: 	James Bruya	F&B	10/29/14	1440
Relinquished by:				
Received by:				

Sample received at 5 °C

410589

SAMPLE CHAIN OF CUSTODY ME 10-29-14

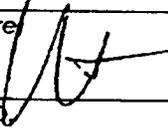
Boo / V832
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

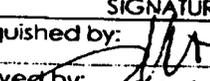
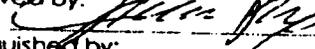
SAMPLERS (signature) 	
PROJECT NAME/NO <u>Troy Laundry Property</u>	PO # <u>0731-004-05</u>
REMARKS <u>Ⓞ - per PR 11/5/14 ms</u>	EIM Y

TURNAROUND TIME 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
J1WSW-43	J1	43	16A-E	10/27/14	1005	Soil	5					✓ - per PR 11/5/14
J1WSW-43	J1	43	15	10/29/14	1010	Soil	5					PR 11/5/14
P1WSW-45	P1	45	16	10/29/14	1120	Soil	5					PR 11/5/14
O1WSW-45	O1	45	17	10/29/14	1125	Soil	5	Ⓞ	Ⓞ	Ⓞ	Ⓞ	PR 11/5/14
N1WSW-45	N1	45	18	10/29/14	1130	Soil	5					PR 11/5/14
JJ1WSW-57	JJ1	57	19	10/29/14	1255	Soil	5	*	*	*	*	PR 11/5/14
JJ2WSW-57	JJ2	57	20	10/29/14	1300	Soil	5	✓	✓	✓	✓	PR 11/5/14
JJ4WSW-57	JJ4	57	21	10/29/14	1345	Soil	5					PR 11/5/14

CP 10/29/14

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: 	Courtney Porter	SoundEarth	10/29/14	1440
Received by: 	Jonathan Bruya	F&B	10/29/14	1440
Relinquished by:				
Received by:				

Sample received at 5 °C

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

November 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on October 29, 2014 from the SOU_0731-004-05_20141029, F&BI 410539 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1111R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 29, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141029, F&BI 410539 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410539-01	JJ14SSW-65
410539-02	II1WSW-62
410539-03	JJ1SWSW-62
410539-04	JJ2SSW-63
410539-05	JJ4SSW-64
410539-06	JJ6SSW-65
410539-07	JJ8SSW-65
410539-08	JJ13SSW-65
410539-09	JJ16SSW-58
410539-10	JJ21SSW-53
410539-11	JJ23SSW-53
410539-12	JJ24SSW-53
410539-13	K1WSW-43
410539-14	J1WSW-43
410539-15	I1WSW-43
410539-16	P1WSW-45
410539-17	O1WSW-45
410539-18	N1WSW-45
410539-19	JJ1WSW-57
410539-20	JJ2SSW-58
410539-21	JJ4SSW-59

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
O1WSW-45 410539-17	<2	105
Method Blank 04-2239 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
O1WSW-45 410539-17	<50	<250	86
Method Blank 04-2262 MB2	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O1WSW-45	Client:	SoundEarth Strategies
Date Received:	10/29/14	Project:	SOU_0731-004-05_20141029
Date Extracted:	11/05/14	Lab ID:	410539-17
Date Analyzed:	11/05/14	Data File:	110531.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141029
Date Extracted:	11/05/14	Lab ID:	04-2201 mb
Date Analyzed:	11/05/14	Data File:	110517.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411037-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

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

Laboratory Code: 411056-01 (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	400	96	99	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411053-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	31	31	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	47	48	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	47	46	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	62	14-128	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	53	52	13-112	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	58	57	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	58	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	64	62	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	55	54	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	59	58	26-114	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	59	58	30-112	2
Toluene	mg/kg (ppm)	2.5	<0.05	55	55	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	54	53	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	58	56	38-111	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	57	55	38-112	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	56	54	38-113	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

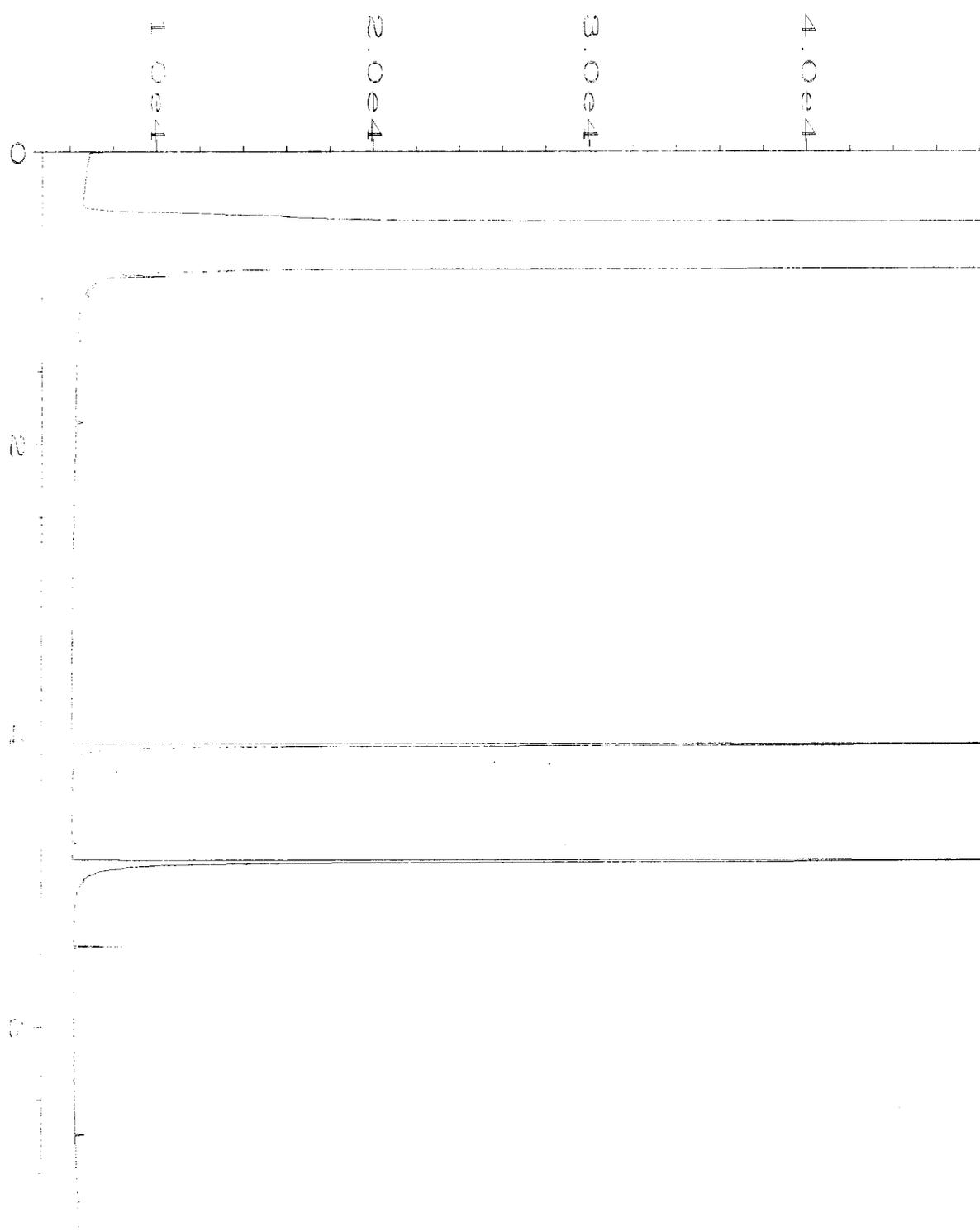
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

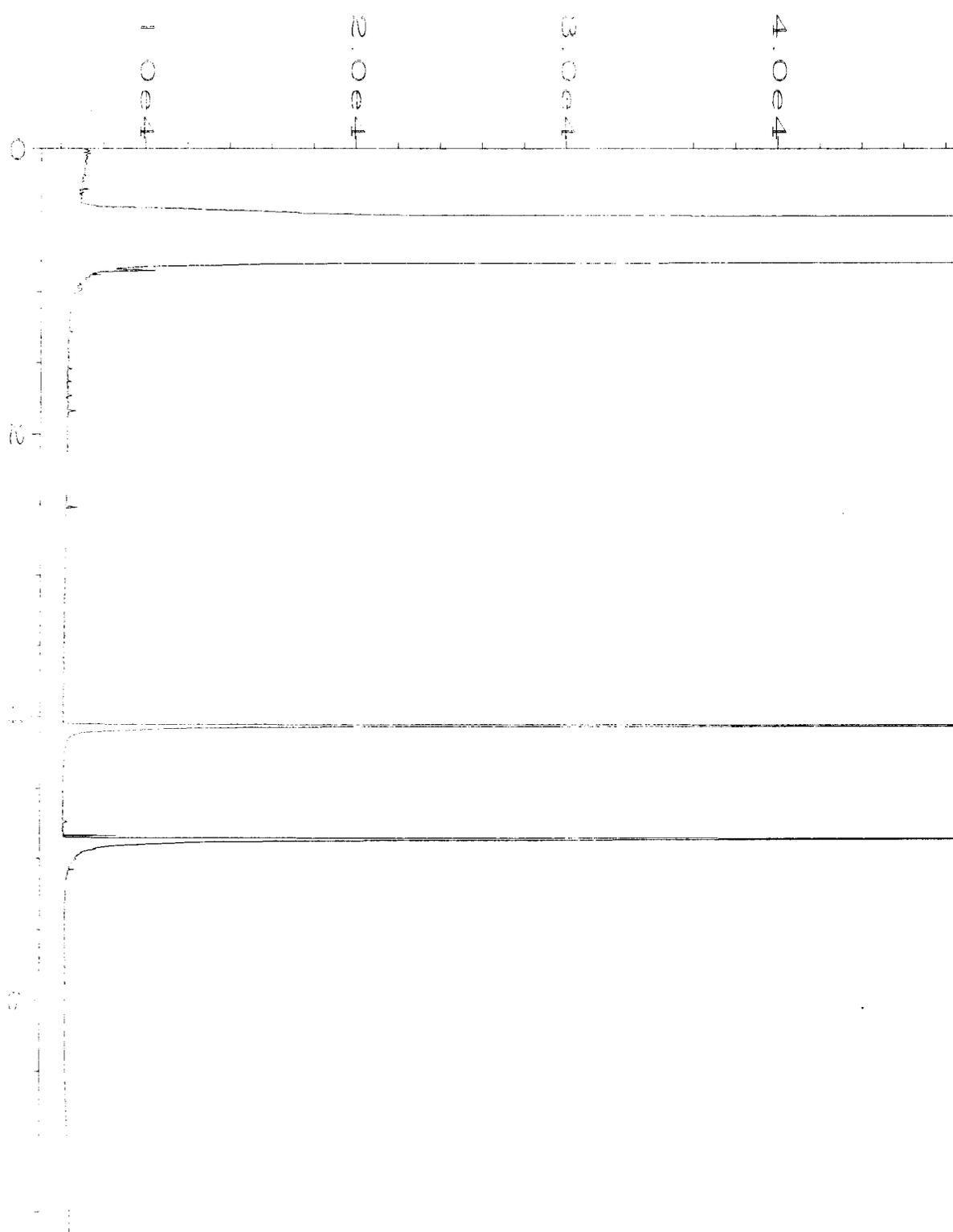
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	42-107
Chloroethane	mg/kg (ppm)	2.5	90	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	93	75-107
Trichloroethene	mg/kg (ppm)	2.5	97	72-107
Toluene	mg/kg (ppm)	2.5	89	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	93	81-114
m,p-Xylene	mg/kg (ppm)	5	92	82-115
o-Xylene	mg/kg (ppm)	2.5	89	81-116

Data Qualifiers & Definitions

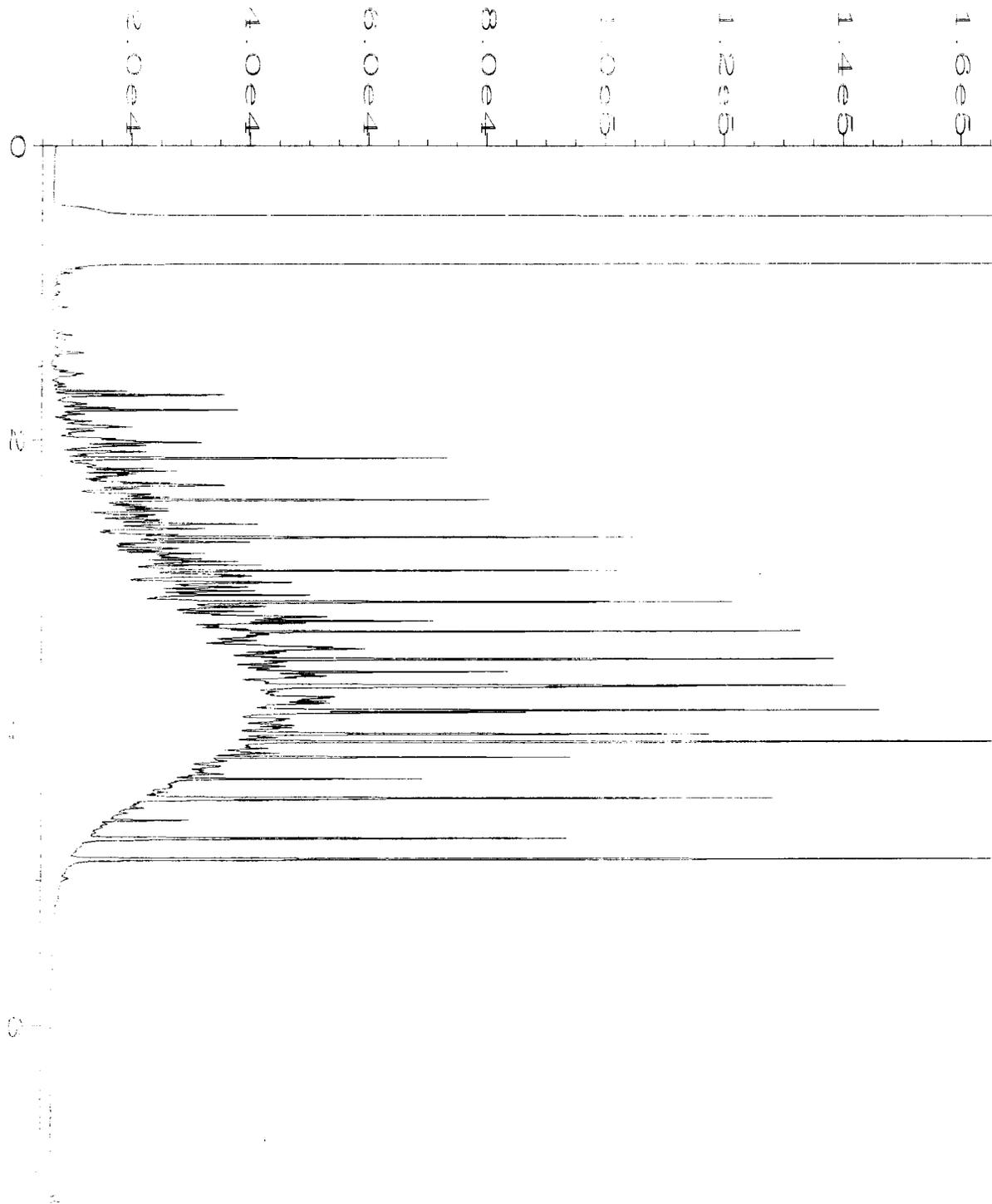
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\020F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410539-17	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:12 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\019F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2262 mb2	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:03 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 09:00 AM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:57 AM		

410539

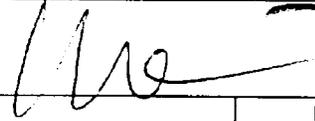
SAMPLE CHAIN OF CUSTODY ME 10-29-14 804/453 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # _____ of 2

TURNAROUND TIME

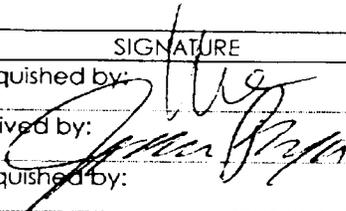
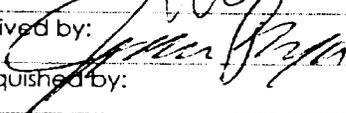
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
JJ14SSW-65	JJ14	65	01A ²	10/28/14	0910	Soil	5					X
JJ11WSW-62	JJ11	62	02	10/28/14	1205	Soil	5					X
JJ11SSW-62	JJ11	62	03	10/28/14	1210	Soil	5					X
JJ25SSW-63	JJ2	63	04	10/28/14	1215	Soil	5					X
JJ4SSW-64	JJ4	64	05	10/28/14	1340	Soil	5					X
JJ6SSW-65	JJ6	65	06	10/28/14	1345	Soil	5					X
JJ8SSW-65	JJ8	65	07	10/28/14	1350	Soil	5					X
JJ13SSW-65	JJ13	65	08	10/28/14	1400	Soil	5					X
JJ16SSW-58	JJ16	58	09	10/29/14	0750	Soil	5					X
JJ21SSW-53	JJ21	53	10	10/29/14	0920	Soil	5					X
JJ23SSW-53	JJ23	53	11	10/29/14	0935	Soil	5					X
JJ24SSW-53	JJ24	53	12	10/29/14	0950	Soil	5					X
K1WSW-43	K1	43	13	10/29/14	1000	Soil	5					X

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: 	Courtney Porter	SoundEarth	10/29/14	1410
Received by: 	James B. B.	F&B	10/29	1440
Relinquished by:				
Received by:				

Samples received at 5 °C

410589

SAMPLE CHAIN OF CUSTODY

ME 10-29-14

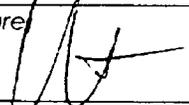
Bole/V832
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

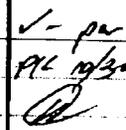
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

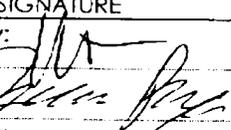
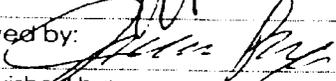
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO Troy Laundry Property	PO # 0731-004-05
REMARKS (X) per PR 1/5/14 ms	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL (X) 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
J1WSW-43	J1	43	14A-E	10/29/14	1005	Soil	5					✓ - per PR 10/30 
I1WSW-43	I1	43	15	10/29/14	1010	Soil	5					
P1WSW-45	P1	45	16	10/29/14	1120	Soil	5					
O1WSW-45	O1	45	17	10/29/14	1125	Soil	5	(X)	(X)	(X)	(X)	
N1WSW-45	N1	45	18	10/29/14	1130	Soil	5					
JJ1WSW-57	JJ1	57	19	10/29/14	1255	Soil	5					
JJ2WSW-58	JJ2	58	20	10/29/14	1300	Soil	5	✓	✓	✓	✓	
JJ4WSW-59	JJ4	59	21	10/29/14	1345	Soil	5					
GR 10/29/14												

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: 	Courtney Porter	SoundEarth	10/29/14	1440
Received by: 	Jonathan Loeffler	F&B	10/29/14	1440
Relinquished by:				
Received by:		Samples received at	5 °C	

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

November 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 29, 2014 from the SOU_0731-004-05_20141029, F&BI 410539 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 29, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141029, F&BI 410539 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410539-01	JJ14SSW-65
410539-02	II1WSW-62
410539-03	JJ1SWSW-62
410539-04	JJ2SSW-63
410539-05	JJ4SSW-64
410539-06	JJ6SSW-65
410539-07	JJ8SSW-65
410539-08	JJ13SSW-65
410539-09	JJ16SSW-58
410539-10	JJ21SSW-53
410539-11	JJ23SSW-53
410539-12	JJ24SSW-53
410539-13	K1WSW-43
410539-14	J1WSW-43
410539-15	I1WSW-43
410539-16	P1WSW-45
410539-17	O1WSW-45
410539-18	N1WSW-45
410539-19	JJ1WSW-57
410539-20	JJ2SSW-58
410539-21	JJ4SSW-59

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 10/31/14

Date Analyzed: 10/31/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
JJ2SSW-58 410539-20	<2	100
Method Blank 04-2174 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ2SSW-58 410539-20	<50	<250	98
Method Blank 04-2220 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ2SSW-58	Client:	SoundEarth Strategies
Date Received:	10/29/14	Project:	SOU_0731-004-05_20141029, F&BI 410539
Date Extracted:	10/30/14	Lab ID:	410539-20
Date Analyzed:	10/30/14	Data File:	103019.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141029, F&BI 410539
Date Extracted:	10/30/14	Lab ID:	04-2194 mb
Date Analyzed:	10/30/14	Data File:	103007.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410482-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

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

Laboratory Code: 410517-02 (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	106	106	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	107	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 10/29/14

Project: SOU_0731-004-05_20141029, F&BI 410539

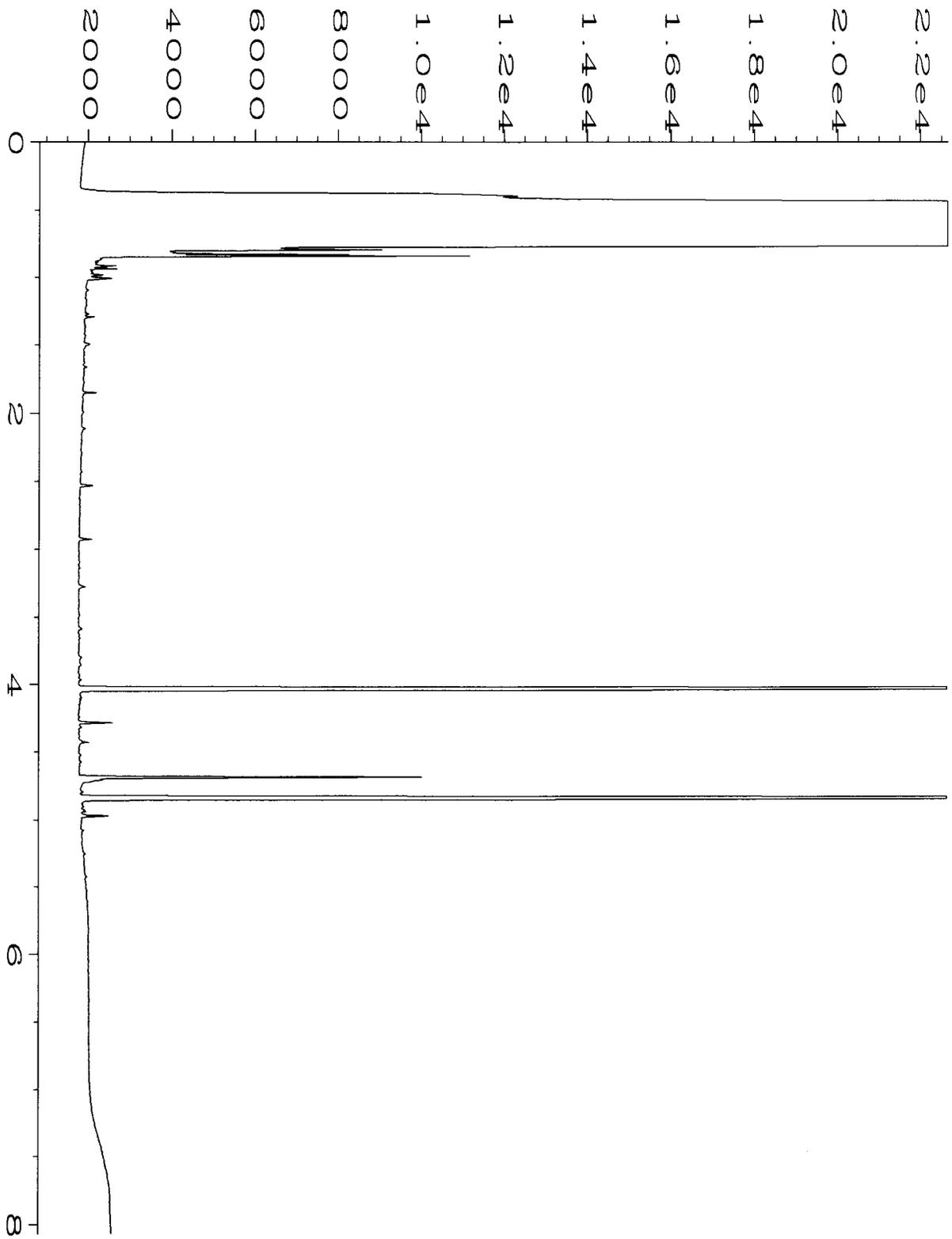
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

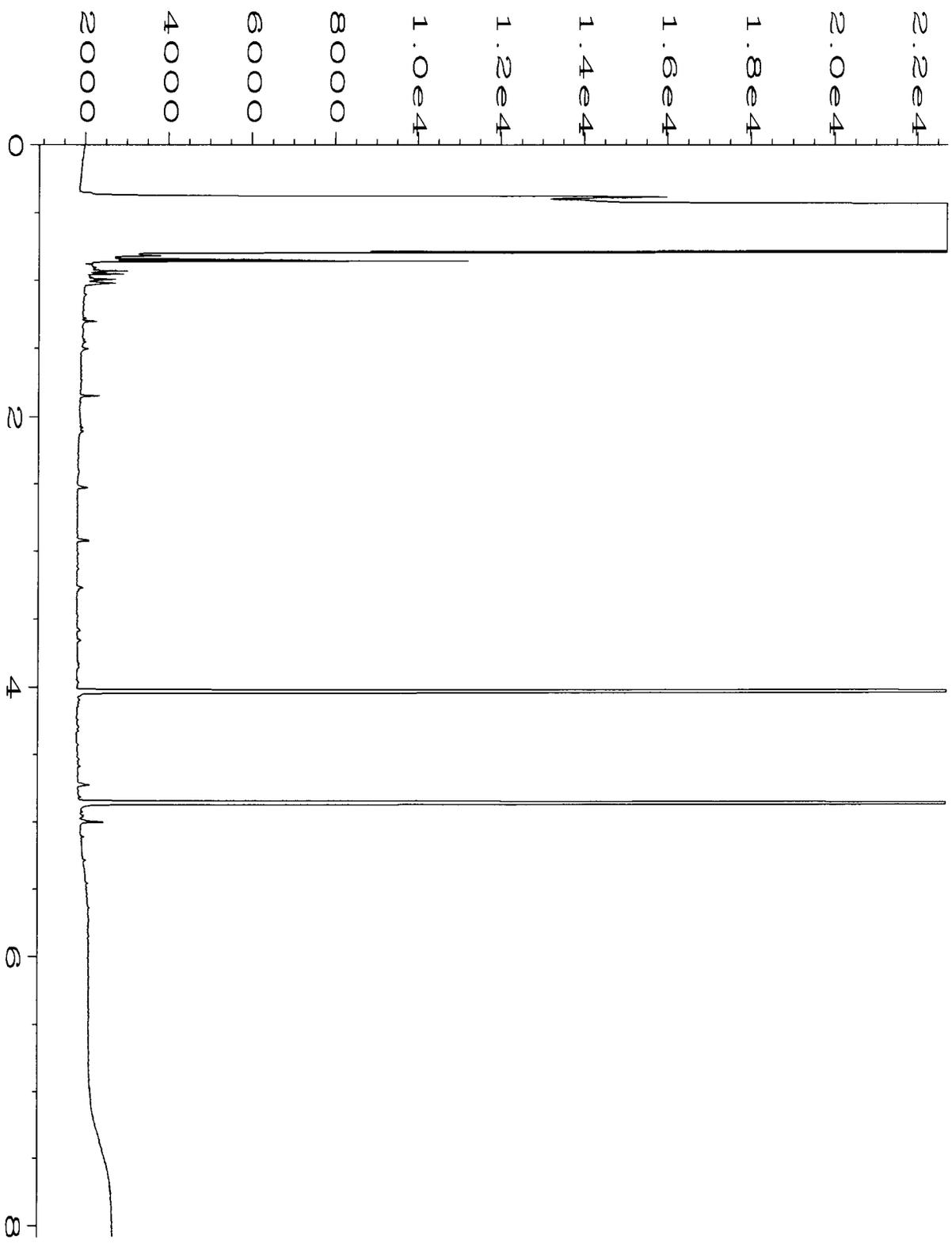
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	72	74	22-139	3
Chloroethane	mg/kg (ppm)	2.5	73	74	10-163	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	80	80	47-128	0
Methylene chloride	mg/kg (ppm)	2.5	102	100	42-132	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	88	67-127	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	91	68-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	94	72-113	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	88	86	56-135	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	94	62-131	3
Benzene	mg/kg (ppm)	2.5	92	92	68-114	0
Trichloroethene	mg/kg (ppm)	2.5	91	89	64-117	2
Toluene	mg/kg (ppm)	2.5	95	95	66-126	0
Tetrachloroethene	mg/kg (ppm)	2.5	99	98	72-114	1
Ethylbenzene	mg/kg (ppm)	2.5	95	95	64-123	0
m,p-Xylene	mg/kg (ppm)	5	97	95	78-122	2
o-Xylene	mg/kg (ppm)	2.5	100	98	77-124	2

Data Qualifiers & Definitions

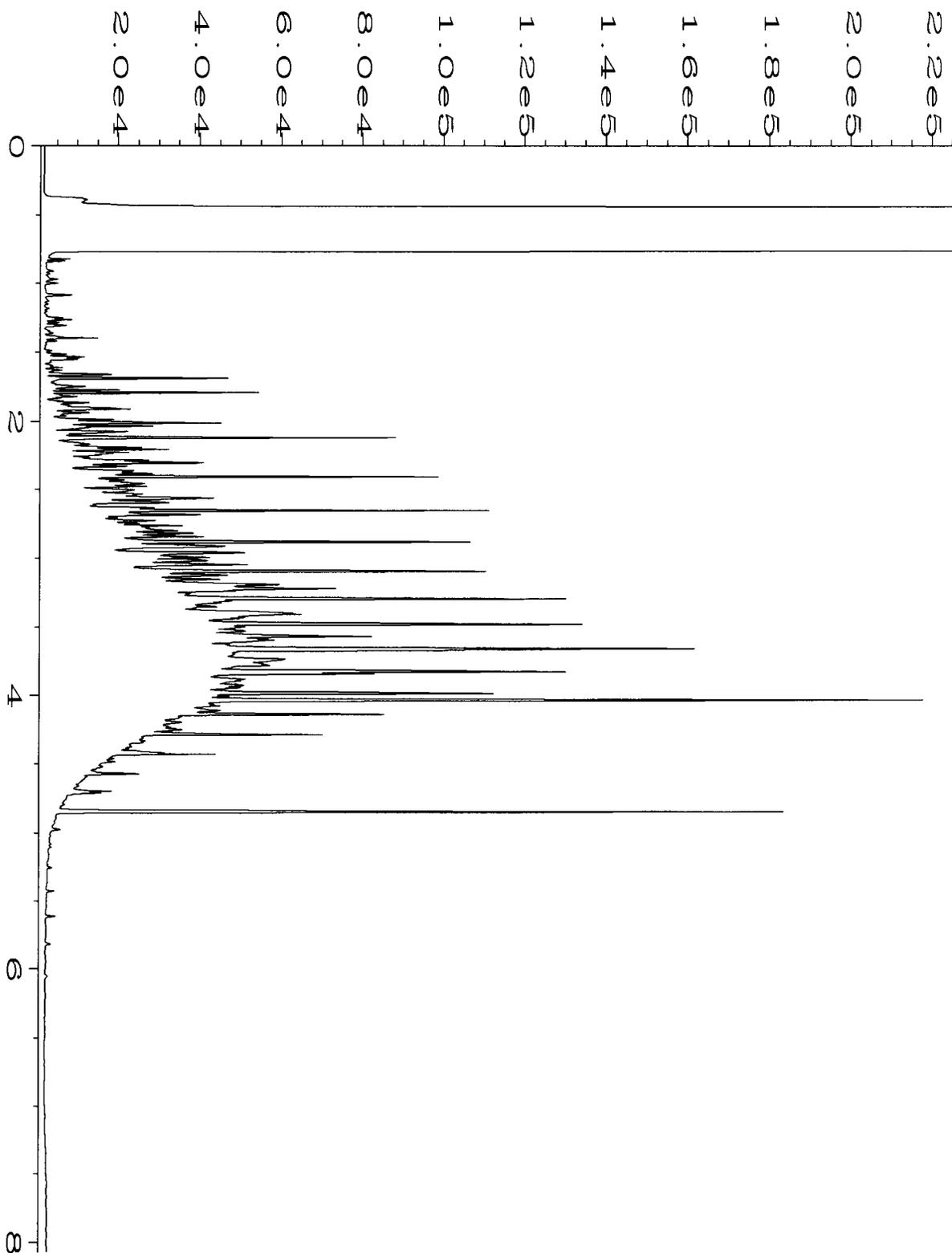
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\022F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 22
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 410539-20	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 05:01 PM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\008F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 8
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2220 mb	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 11:35 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		



Data File Name	: C:\HPCHEM\4\DATA\10-30-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 30 Oct 14 09:18 AM	Analysis Method	: DX.MTH
Report Created on:	31 Oct 14 09:43 AM		

410539

SAMPLE CHAIN OF CUSTODY ME 10-29-14

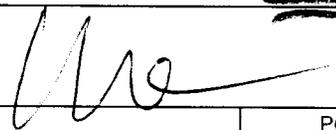
Bo 4 / 453 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

TURNAROUND TIME

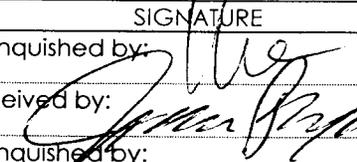
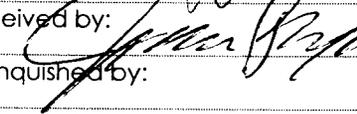
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ14SSW-65	JJ14	65	01A-E	10/28/14	0910	soil	5					X	
JJ1WSW-62	JJ1	62	02	10/28/14	1205	soil	5					X	
JJ1SSW-62	JJ1	62	03	10/28/14	1210	soil	5					X	
JJ2SSW-63	JJ2	63	04	10/28/14	1215	soil	5					X	
JJ4SSW-64	JJ4	64	05	10/28/14	1340	soil	5					X	
JJ6SSW-65	JJ6	65	06	10/28/14	1345	soil	5					X	
JJ8SSW-65	JJ8	65	07	10/28/14	1350	soil	5					X	
JJ13SSW-65	JJ13	65	08	10/28/14	1400	soil	5					X	
JJ16SSW-58	JJ16	58	09	10/29/14	0750	soil	5					X	
JJ21SSW-53	JJ21	53	10	10/29/14	0920	soil	5					X	
JJ23SSW-53	JJ23	53	11	10/29/14	0935	soil	5					X	
JJ24SSW-53	JJ24	53	12	10/29/14	0950	soil	5					X	
K1WSW-43	K1	43	13	10/29/14	1000	soil	5					X	

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: 	Courtney Porter	SoundEarth	10/29/14	1410
Received by: 	James Bruya	F&B	10/29	1440
Relinquished by:				
Received by:				

Samples received at 5 °C

410589

SAMPLE CHAIN OF CUSTODY

ME 10-29-14

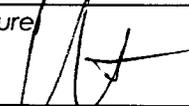
Boo / V832
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

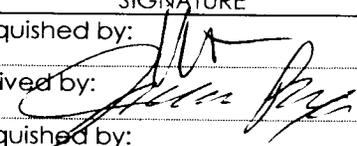
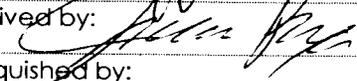
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
J1WSW-43	J1	43	14A-E	10/29/14	1005	Soil	5					X	✓ - per PAC 10/30 
I1WSW-43	I1	43	15	10/29/14	1010	Soil	5					X	
P1WSW-45	P1	45	16	10/29/14	1120	Soil	5					X	
O1WSW-45	O1	45	17	10/29/14	1125	Soil	5					X	
N1WSW-45	N1	45	18	10/29/14	1130	Soil	5					X	
JJ1WSW-57	JJ1	57	19	10/29/14	1255	Soil	5					X	
JJ2WSW-58	JJ2	58	20	10/29/14	1300	Soil	5	✓	✓	✓	✓	X	
JJ4WSW-59	JJ4	59	21	10/29/14	1345	Soil	5					X	
CP 10/29/14													

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: 	Courtney Porter	SoundEarth	10/29/14	1440
Received by: 	Thomas B. King	F&B	10/29/14	1440
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

October 31, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 30, 2014 from the SOU_0731-004-05_20141030, F&BI 410547 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1031R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 30, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141030, F&BI 410547 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410547-01	F18-46
410547-02	G18-44

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/30/14

Project: SOU_0731-004-05_20141030, F&BI 410547

Date Extracted: 10/30/14

Date Analyzed: 10/30/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
F18-46 410547-01 1/2	230	192
G18-44 410547-02	<2	102
Method Blank 04-2172 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/31/14

Date Received: 10/30/14

Project: SOU_0731-004-05_20141030, F&BI 410547

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410531-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

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

October 30, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 23, 2014 from the SOU_0731-004-05_20141023, F&BI 410435 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1030R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 23, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141023, F&BI 410435 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410435 -01	I1WSW-53
410435 -02	H1WSW-53
410435 -03	E1WSW-53
410435 -04	A7NSW-48
410435 -05	G31ESW-47
410435 -06	A21NSW-50
410435 -07	A1NWSW-48
410435 -08	A7NSW-43
410435 -09	A1NWSW-43

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

Date Extracted: 10/24/14

Date Analyzed: 10/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
G31ESW-47 410435-05	<2	98
Method Blank 04-2164 MB	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

Date Extracted: 10/27/14

Date Analyzed: 10/27/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
G31ESW-47 410435-05	<50	<250	85
Method Blank 04-2179 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	G31ESW-47	Client:	SoundEarth Strategies
Date Received:	10/23/14	Project:	SOU_0731-004-05_20141023, F&BI 410435
Date Extracted:	10/24/14	Lab ID:	410435-05
Date Analyzed:	10/24/14	Data File:	102425.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	95	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141023, F&BI 410435
Date Extracted:	10/24/14	Lab ID:	04-2143 mb
Date Analyzed:	10/24/14	Data File:	102416.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	94	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	95	95	71-131	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

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

Laboratory Code: 410470-02 (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	107	96	63-146	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/30/14

Date Received: 10/23/14

Project: SOU_0731-004-05_20141023, F&BI 410435

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 410364-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	58	58	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	65	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	68	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	94	90	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	78	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	86	83	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	88	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	84	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	80	10-156	6
Benzene	mg/kg (ppm)	2.5	0.15	83	79	29-129	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	84	79	21-139	6
Toluene	mg/kg (ppm)	2.5	0.49	81	77	35-130	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	79	20-133	5
Ethylbenzene	mg/kg (ppm)	2.5	1.9	86 b	74 b	32-137	15 b
m,p-Xylene	mg/kg (ppm)	5	2.0	85 b	75 b	34-136	12 b
o-Xylene	mg/kg (ppm)	2.5	2.0	88 b	76 b	33-134	15 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	22-139
Chloroethane	mg/kg (ppm)	2.5	80	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	79	47-128
Methylene chloride	mg/kg (ppm)	2.5	98	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	89	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	62-131
Benzene	mg/kg (ppm)	2.5	90	68-114
Trichloroethene	mg/kg (ppm)	2.5	88	64-117
Toluene	mg/kg (ppm)	2.5	94	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	100	72-114
Ethylbenzene	mg/kg (ppm)	2.5	95	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	99	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

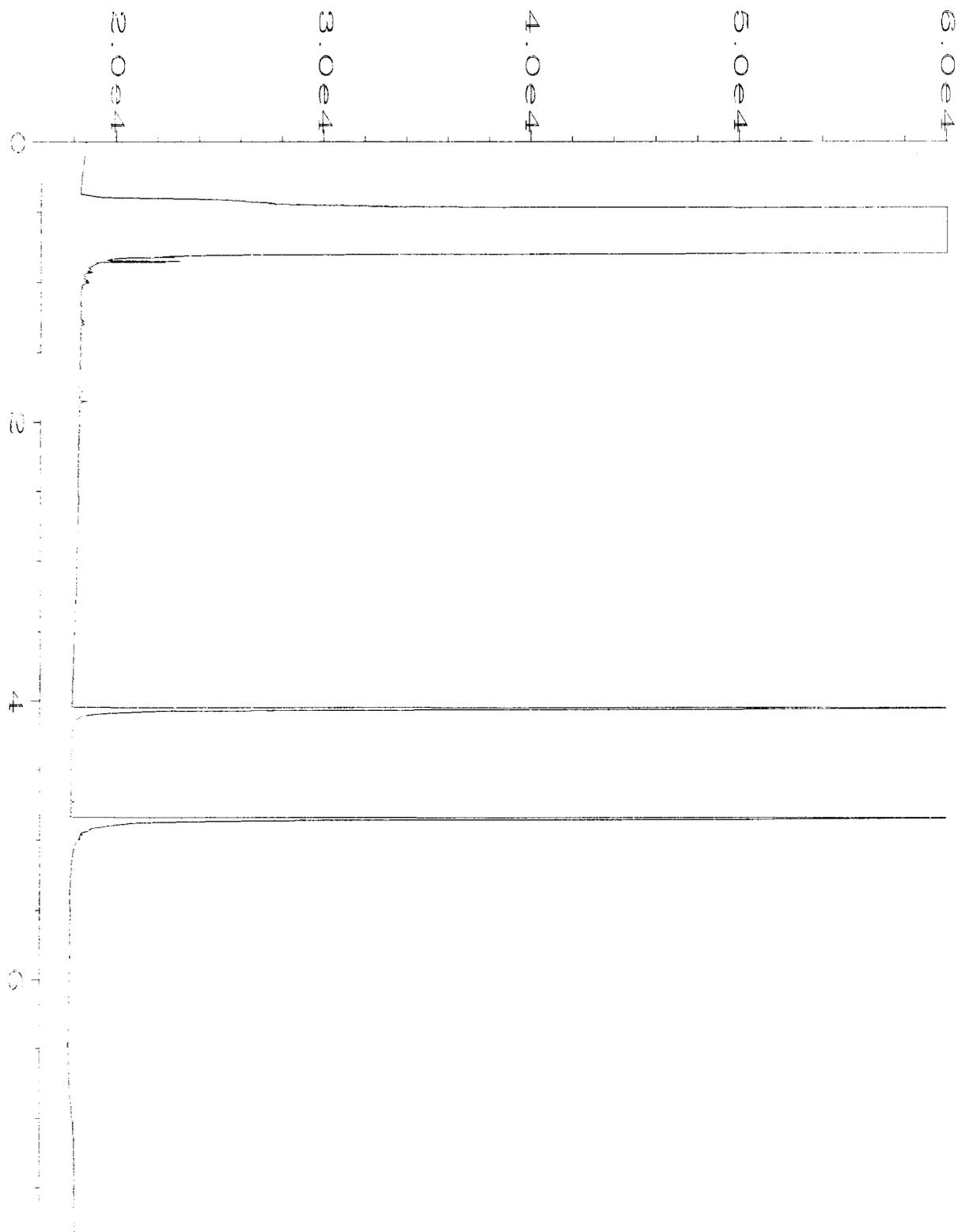
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

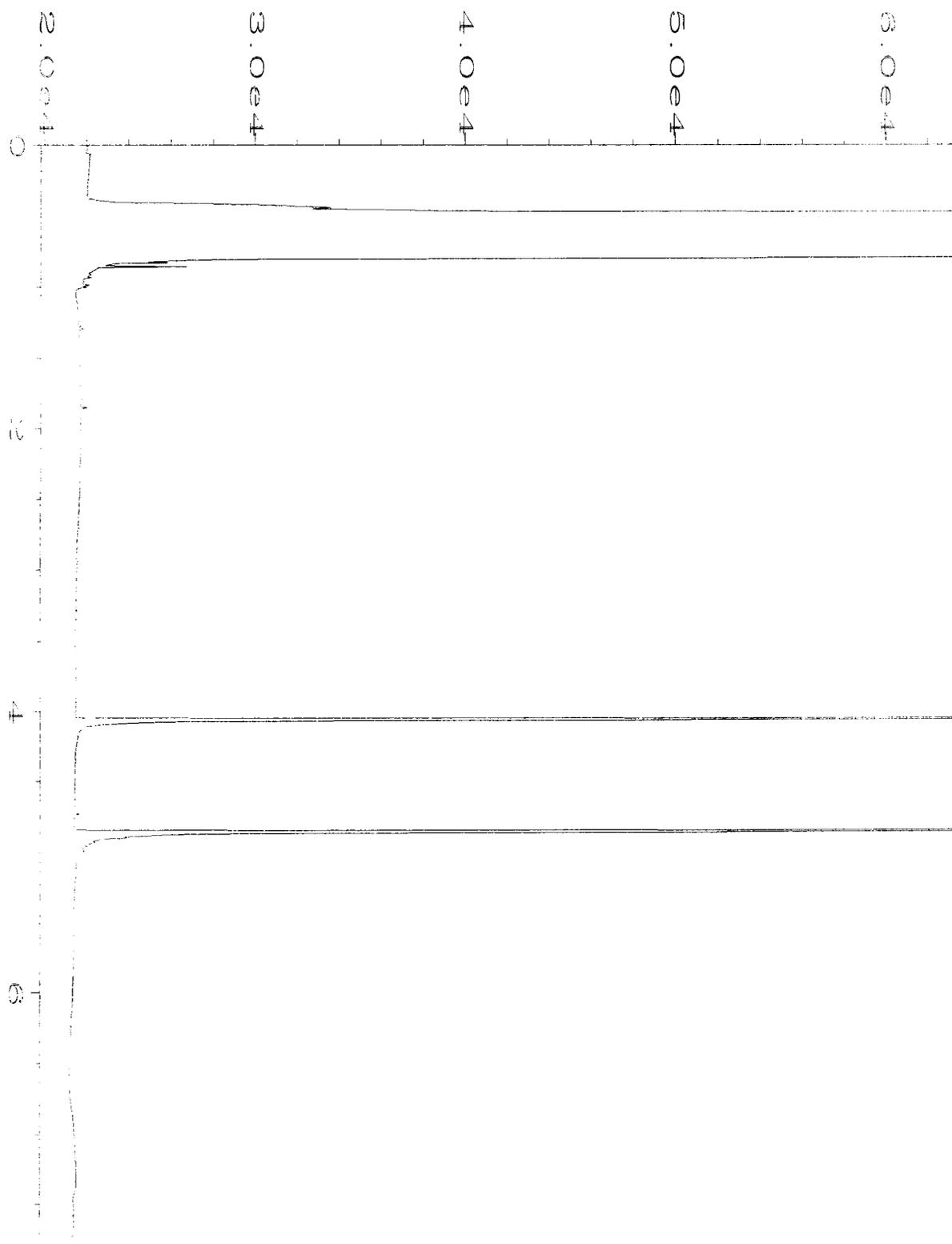
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

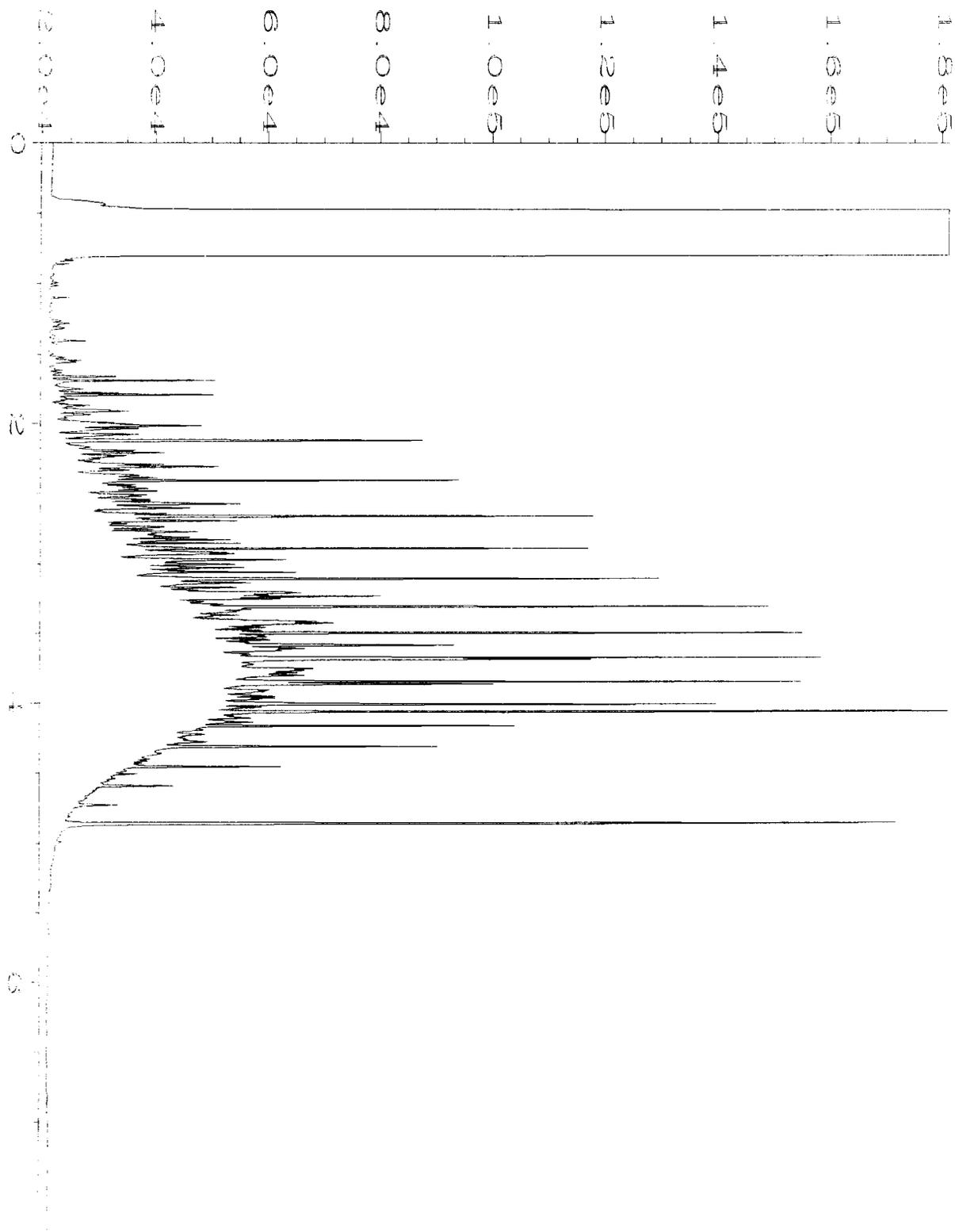
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\017F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 410435-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 11:21 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:46 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2179 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 09:07 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		



Data File Name	: C:\HPCHEM\1\DATA\10-27-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 27 Oct 14 08:54 AM	Analysis Method	: END.MTH
Report Created on:	27 Oct 14 11:47 AM		

410435 410435

SAMPLE CHAIN OF CUSTODY

ME 10/23/14

1 of 2 B03/US2

Send Report To: Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Troy Laundry Property PO # 0731-004-05

REMARKS ⊗ = Run per PJK on 10/24/14 EIM Y

Page # 1 of 2

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
I1WSW-53	I1	53	01	10/23/14	0810	Soil	5					
H1WSW-53	H1	53	02	10/23/14	0815	Soil	5					
E1WSW-53	E1	53	03	10/23/14	0820	Soil	5					
A7NSW-46	A7	46	04	10/23/14	0930	Soil	5					
G3IESW-47	G31	47	05	10/23/14	0935	Soil	5	⊗	⊗	⊗	⊗	
A2INSW-50	A21	50	06	10/23/14	1020	Soil	5					
A1NWSW-48	A1	48	07	10/23/14	1030	Soil	5					
A7NSW-43	A7	43	08	10/23/14	1035	Soil	5					
A1NWSW-43	A1	43	09	10/23/14	1040	Soil	5					

HOLD

LIVE 10/23/14

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: <u>[Signature]</u>				
Received by: <u>[Signature]</u>	Courtney Porter	SoundEarth	10/23/14	1410
Relinquished by: <u>[Signature]</u>	JAMES BRUYA	F&B	10/23	1410
Received by:				

Samples received at 4 °C

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

November 3, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on October 31, 2014 from the SOU_0731-004-05_20141031, F&BI 410576 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1103R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 31, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141031, F&BI 410576 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
410576 -01	E20-45

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/03/14

Date Received: 10/31/14

Project: SOU_0731-004-05_20141031, F&BI 410576

Date Extracted: 10/31/14

Date Analyzed: 10/31/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
E20-45 410576-01	<2	102
Method Blank 04-2174 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/03/14

Date Received: 10/31/14

Project: SOU_0731-004-05_20141031, F&BI 410576

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410482-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

410574

SAMPLE CHAIN OF CUSTODY

ME 10/31/14

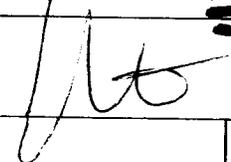
VSI/BEI

Send Report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

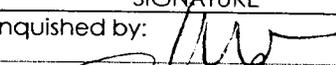
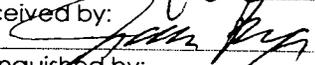
Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24-hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
E20-45	E20	45	O/A*	10/31/14	0900	soil	5	X				
<i>GD 10/31/14</i>												
Samples received at <u>7</u> °C												

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: 	Courtney Porter	SoundEarth	10/31/14	1150
Received by: 	JAMES BRUYA	F&B	10/31	1150
Relinquished by:				
Received by:				

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

November 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 3, 2014 from the SOU_0731-004-05_20141103, F&BI 411012 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1104R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 3, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141103, F&BI 411012 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411012 -01	U13-45
411012 -02	T13-44

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 11/03/14

Project: SOU_0731-004-05_20141103, F&BI 411012

Date Extracted: 11/03/14

Date Analyzed: 11/03/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
T13-44 411012-02 1/20	46	106
Method Blank 04-2237 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T13-44	Client:	SoundEarth Strategies
Date Received:	11/03/14	Project:	SOU_0731-004-05_20141103, F&BI 411012
Date Extracted:	11/03/14	Lab ID:	411012-02
Date Analyzed:	11/03/14	Data File:	110333.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141103, F&BI 411012
Date Extracted:	11/03/14	Lab ID:	04-2198 mb
Date Analyzed:	11/03/14	Data File:	110332.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 11/03/14

Project: SOU_0731-004-05_20141103, F&BI 411012

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 410589-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/04/14

Date Received: 11/03/14

Project: SOU_0731-004-05_20141103, F&BI 411012

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411003-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	39	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	57	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	56	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	67	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	73	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	62	27-112
Trichloroethene	mg/kg (ppm)	2.5	<0.02	63	30-112
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	45	27-110

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	70	70	42-107	0
Chloroethane	mg/kg (ppm)	2.5	89	89	47-115	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	92	65-110	3
Methylene chloride	mg/kg (ppm)	2.5	97	100	62-119	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	93	71-113	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	92	76-109	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	90	77-110	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	100	80-109	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	92	72-116	1
Trichloroethene	mg/kg (ppm)	2.5	97	98	72-107	1
Tetrachloroethene	mg/kg (ppm)	2.5	97	96	77-110	1

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

411012

SAMPLE CHAIN OF CUSTODY

ME 11-03-14

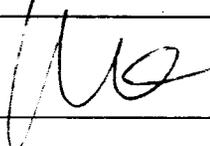
US1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

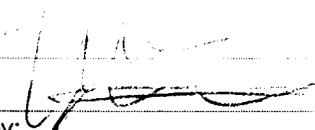
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24-hr</u> Rush charges authorized by: <u>P. Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
U13-45	U13	45	01AD	11/3/14	1210	soil	4					X	
T13-44	T13	44	02V	11/3/14	1220	soil	4	X			X		
CP 11/3/14													

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

Received by: 	Relinquished by: <u>Courtney Porter</u>	Received by: <u>Mattly, Inc</u>	Received by: <u>F. B. ...</u>	Date: <u>11/3/14</u>	Time: <u>1355</u>
Received by:				Samples received at <u>5</u> °C	

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

November 6, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 5, 2014 from the SOU_0731-004-05_20141105, F&BI 411060 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1106R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141105, F&BI 411060 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411060 -01	C18-39
411060 -02	C16-39
411060 -03	C20-37

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411060

Date Extracted: 11/05/14

Date Analyzed: 11/05/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
C18-39 411060-01 1/10	42	125
C16-39 411060-02 1/10	83	ip
C20-37 411060-03	<2	105
Method Blank 04-2239 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/06/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411060

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411037-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

411060

SAMPLE CHAIN OF CUSTODY

ME 11-5-14

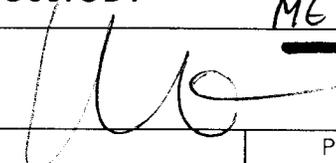
vs2/ CT Page # 1 of 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24-hr</u> Rush charges authorized by: <u>P. Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCS by EPA 8260C	Notes
C18-39	C18	39	01A	11/4/14	1335	SOI	5	X				
C16-39	C16	39	02	11/4/14	1400	SOI	5	X				
C20-37	C20	37	03	11/5/14	0730	SOI	5	X				
Go								11/5/14				

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: 	Courtney Porter	SoundEarth	11/5/14	1330
Received by: 	Matt Lysaker	EB&E	11/5/14	1330
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on November 5, 2014 from the SOU_0731-004-05_20141105, F&BI 411061 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141105, F&BI 411061 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411061 -01	JJ14SSW-60
411061 -02	JJ14SSW-55
411061 -03	U30ESW-53
411061 -04	A21NSW-35
411061 -05	G31ESW-27
411061 -06	JJ16SSW-53

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
G31ESW-27 411061-05	<2	105
Method Blank 04-2283 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
G31ESW-27 411061-05	<50	<250	88
Method Blank 04-2303 MB2	<50	<250	83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	G31ESW-27	Client:	SoundEarth Strategies
Date Received:	11/05/14	Project:	SOU_0731-004-05_20141105
Date Extracted:	11/13/14	Lab ID:	411061-05
Date Analyzed:	11/13/14	Data File:	111306.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141105
Date Extracted:	11/13/14	Lab ID:	04-2210 mb2
Date Analyzed:	11/13/14	Data File:	111305.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	100	95	61-153	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

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

Laboratory Code: 411205-01 (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	111	111	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411163-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	73	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	70	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	95	89	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	79	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	82	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	75	27-112	1
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	67	68	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	66	66	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	73	73	38-111	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	71	72	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	73	73	38-113	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	112	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	105	65-110
Methylene chloride	mg/kg (ppm)	2.5	112	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	106	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	107	72-116
Benzene	mg/kg (ppm)	2.5	100	75-107
Trichloroethene	mg/kg (ppm)	2.5	102	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110
Ethylbenzene	mg/kg (ppm)	2.5	103	81-114
m,p-Xylene	mg/kg (ppm)	5	104	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

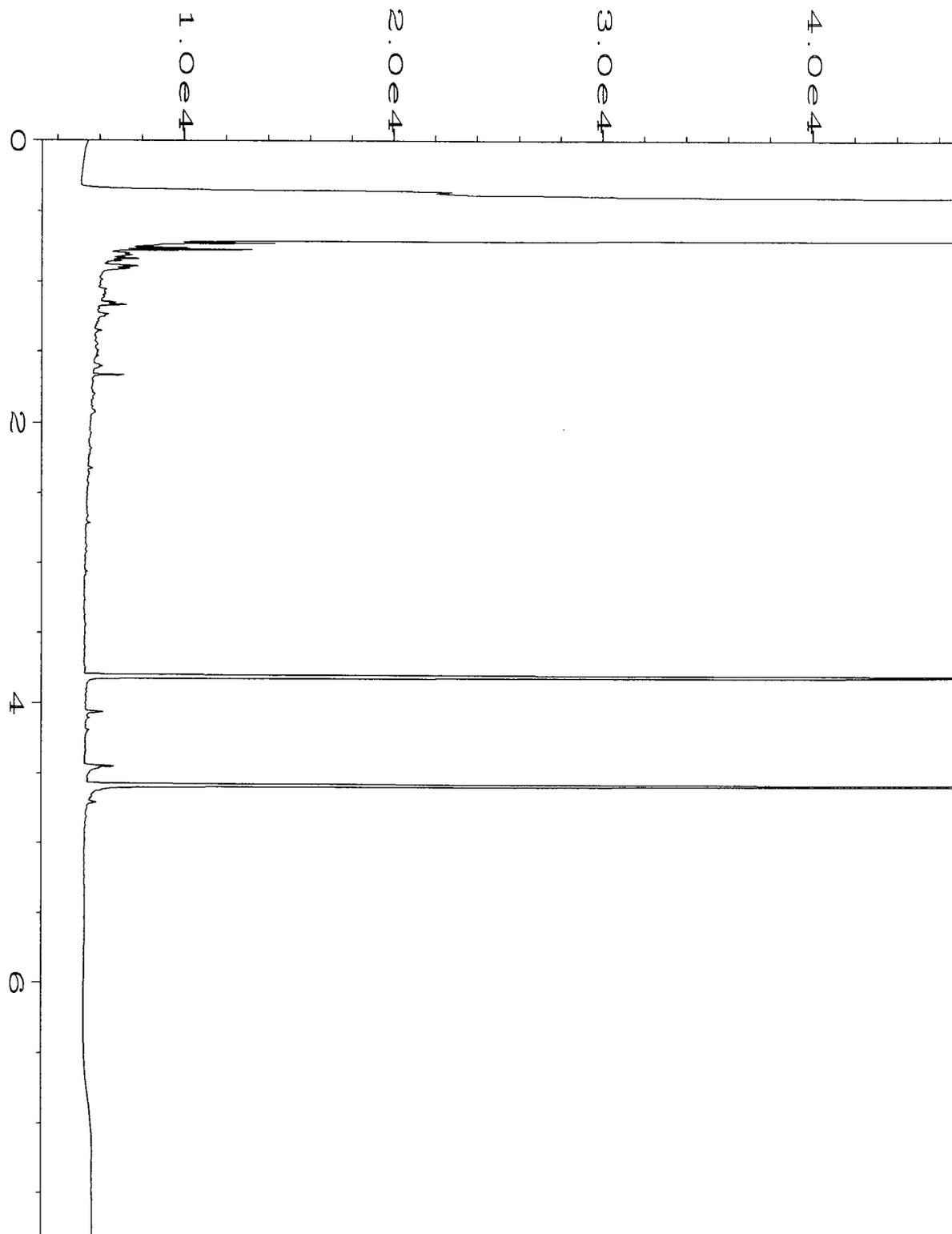
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

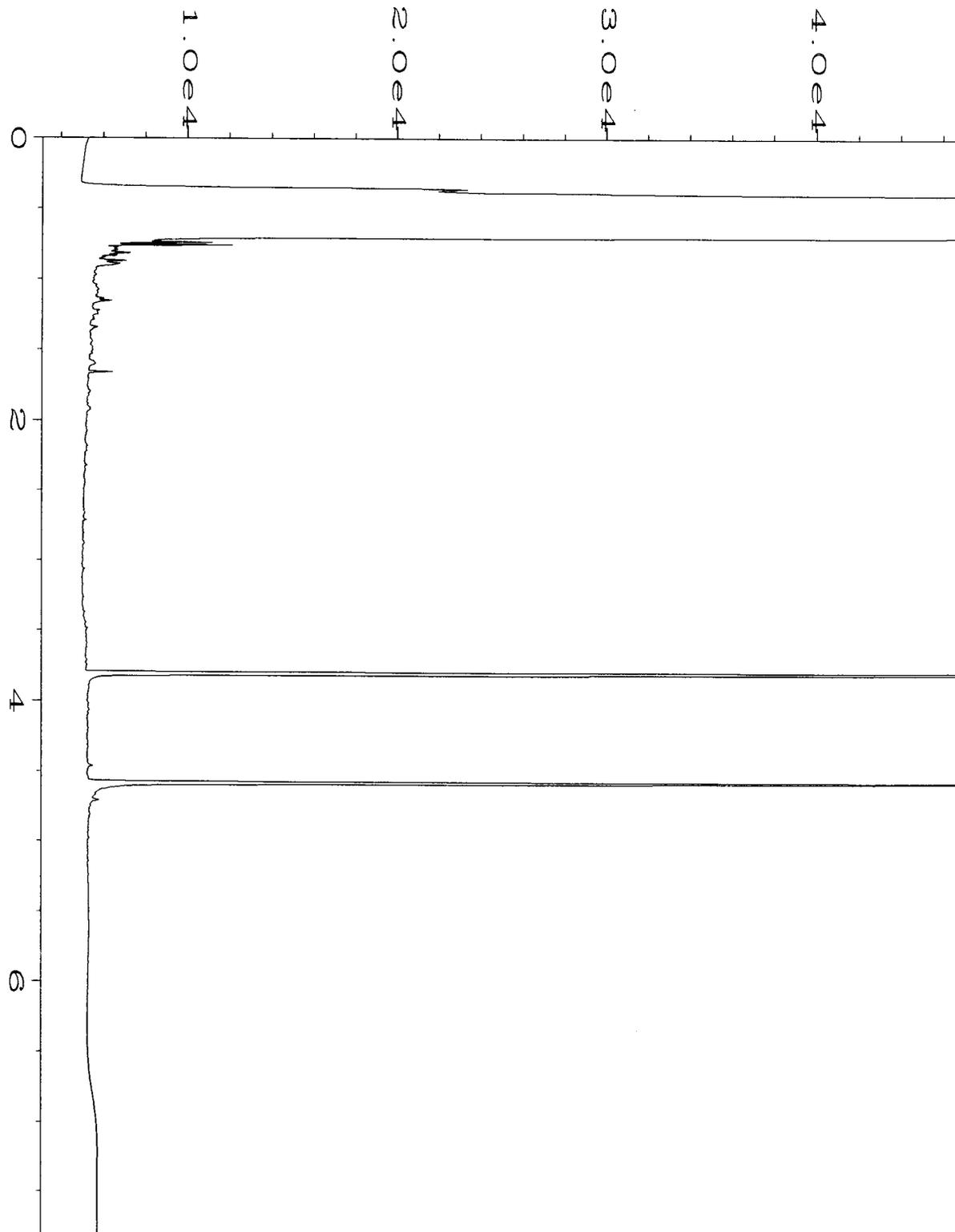
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

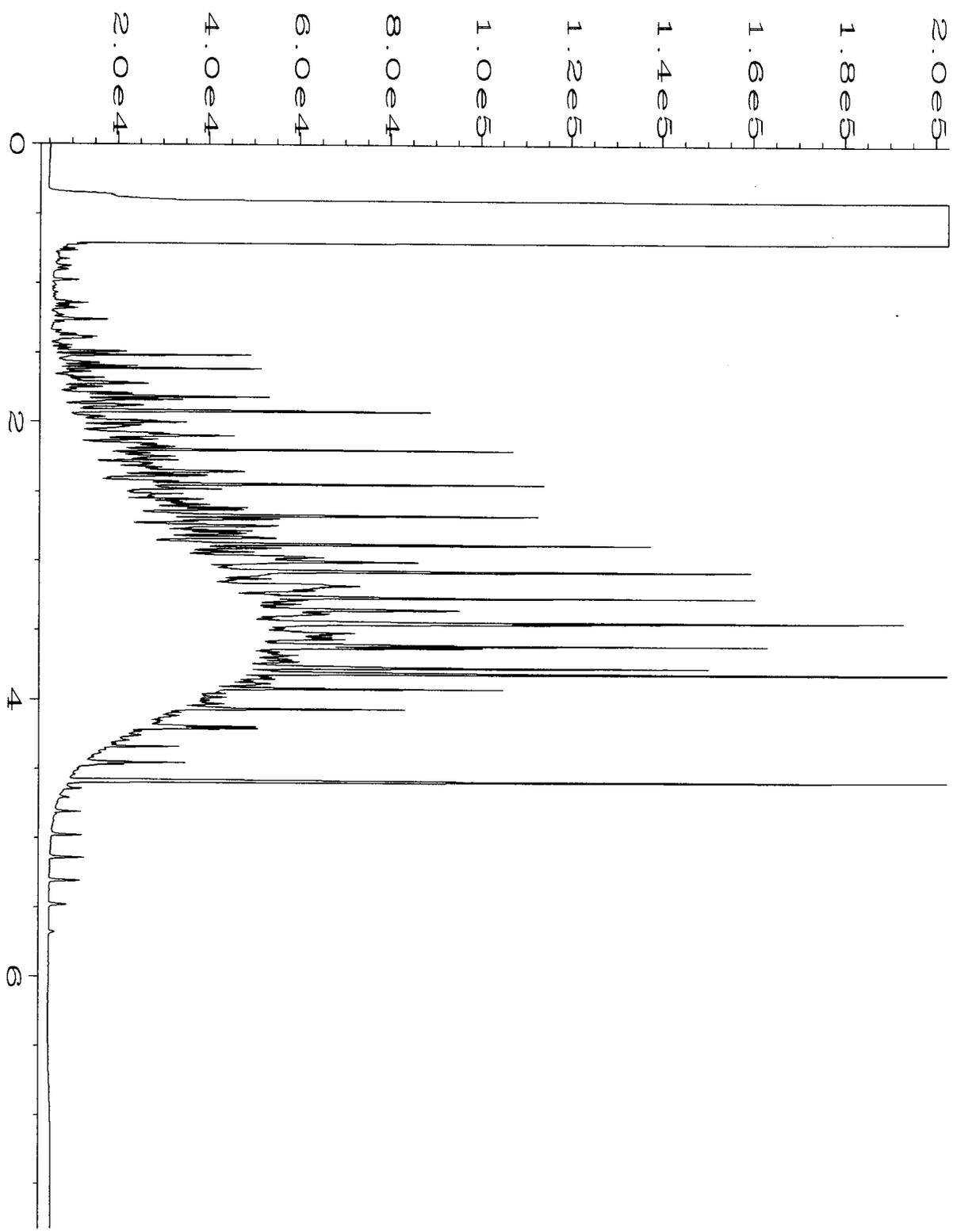
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\6\DATA\11-13-14\021F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 411061-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 12:49 PM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:29 PM		



Data File Name	: C:\HPCHEM\6\DATA\11-13-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2303 mb2	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 09:47 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:29 PM		



Data File Name	: C:\HPCHEM\6\DATA\11-13-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 09:31 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 03:29 PM		

411061

SAMPLE CHAIN OF CUSTODY

ME 11-5-14

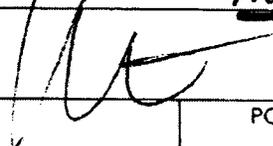
152/102

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <input checked="" type="checkbox"/> Run per PSK on 11/2/14	EIM Y

Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH _____
 Rush charges authorized by: _____

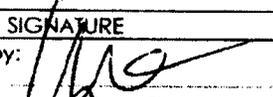
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
JJ14SSW-60	JJ14	60	01/E	11/4/14	0815	Soil	5	X	X	X	X	HOLD
JJ14SSW-55	JJ14	55	02	11/4/14	0820	Soil	5					X
U30ESW-53	U30	53	03	11/5/14	0950	Soil	5					X
A21SW-35	A21	35	04	11/5/14	0845	Soil	5					X
G31ESW-27	G31	27	05	11/5/14	0850	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X
JJ16SSW-53	JJ16	53	06	11/5/14	1200	Soil	5					X

JP 11/5/14

Samples received at 5 °C

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: 	Courtney Porter	SoundEarth	11/5/14	1330
Received by: 	Witt Lyndon	FBR	11/5/14	1330
Relinquished by:				
Received by:				

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.

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fbi@isomedia.com
www.friedmanandbruya.com

November 12, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 5, 2014 from the SOU_0731-004-05_20141105, F&BI 411061 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1112R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141105, F&BI 411061 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411061 -01	JJ14SSW-60
411061 -02	JJ14SSW-55
411061 -03	U30ESW-53
411061 -04	A21NSW-35
411061 -05	G31ESW-27
411061 -06	JJ16SSW-53

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Laboratory ID		
JJ14SSW-60 411061-01	<2	107
Method Blank 04-2241 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ14SSW-60 411061-01	<50	<250	83
Method Blank 04-2262 MB2	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-60	Client:	SoundEarth Strategies
Date Received:	11/05/14	Project:	SOU_0731-004-05_20141105, F&BI 411061
Date Extracted:	11/05/14	Lab ID:	411061-01
Date Analyzed:	11/05/14	Data File:	110532.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141105, F&BI 411061
Date Extracted:	11/05/14	Lab ID:	04-2201 mb
Date Analyzed:	11/05/14	Data File:	110517.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411062-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

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

Laboratory Code: 411056-01 (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	400	96	99	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/05/14

Project: SOU_0731-004-05_20141105, F&BI 411061

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411053-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	31	31	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	47	48	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	47	46	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	62	14-128	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	53	52	13-112	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	58	57	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	58	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	64	62	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	55	54	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	59	58	26-114	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	59	58	30-112	2
Toluene	mg/kg (ppm)	2.5	<0.05	55	55	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	54	53	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	58	56	38-111	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	57	55	38-112	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	56	54	38-113	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	42-107
Chloroethane	mg/kg (ppm)	2.5	90	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	93	75-107
Trichloroethene	mg/kg (ppm)	2.5	97	72-107
Toluene	mg/kg (ppm)	2.5	89	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	93	81-114
m,p-Xylene	mg/kg (ppm)	5	92	82-115
o-Xylene	mg/kg (ppm)	2.5	89	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

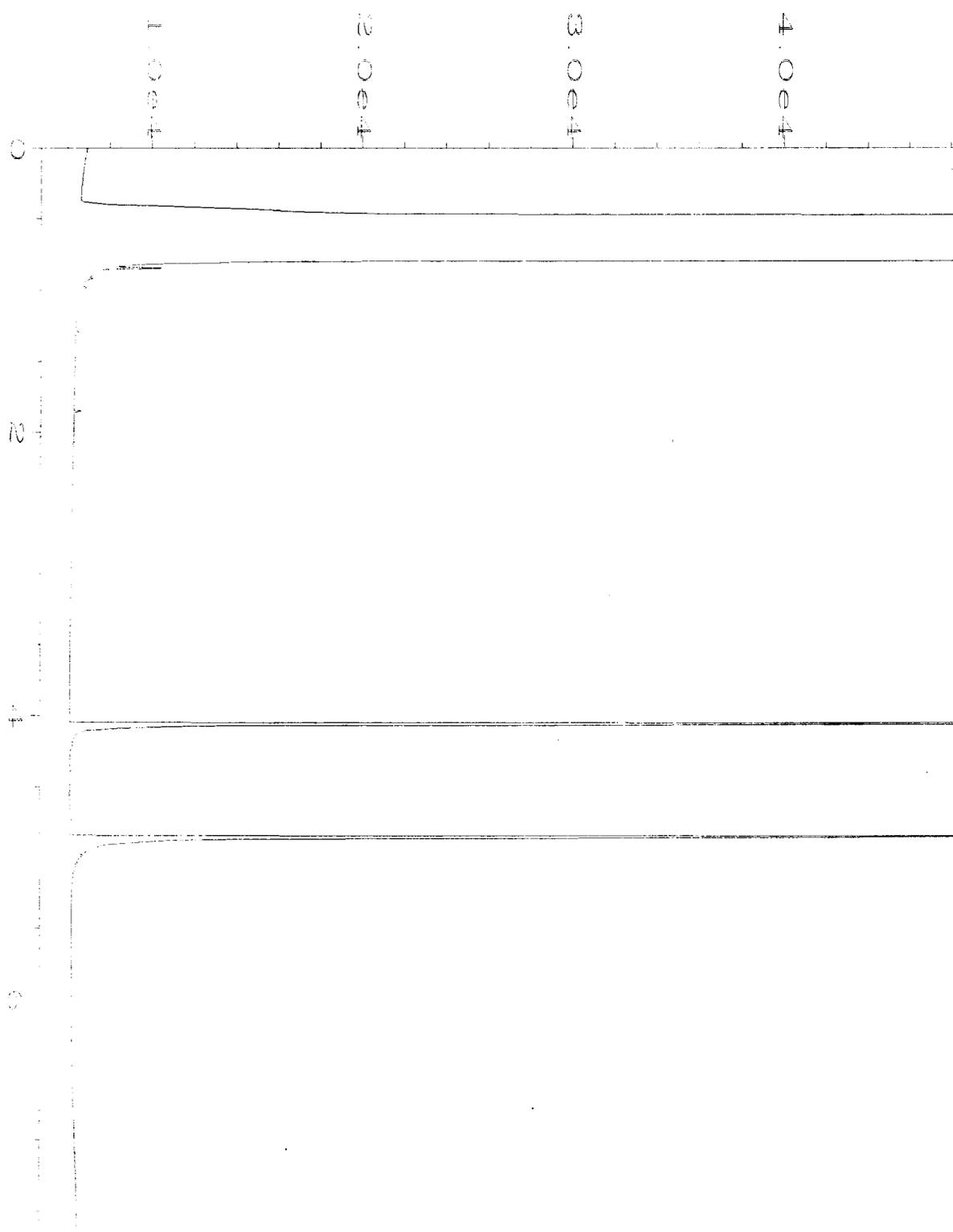
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

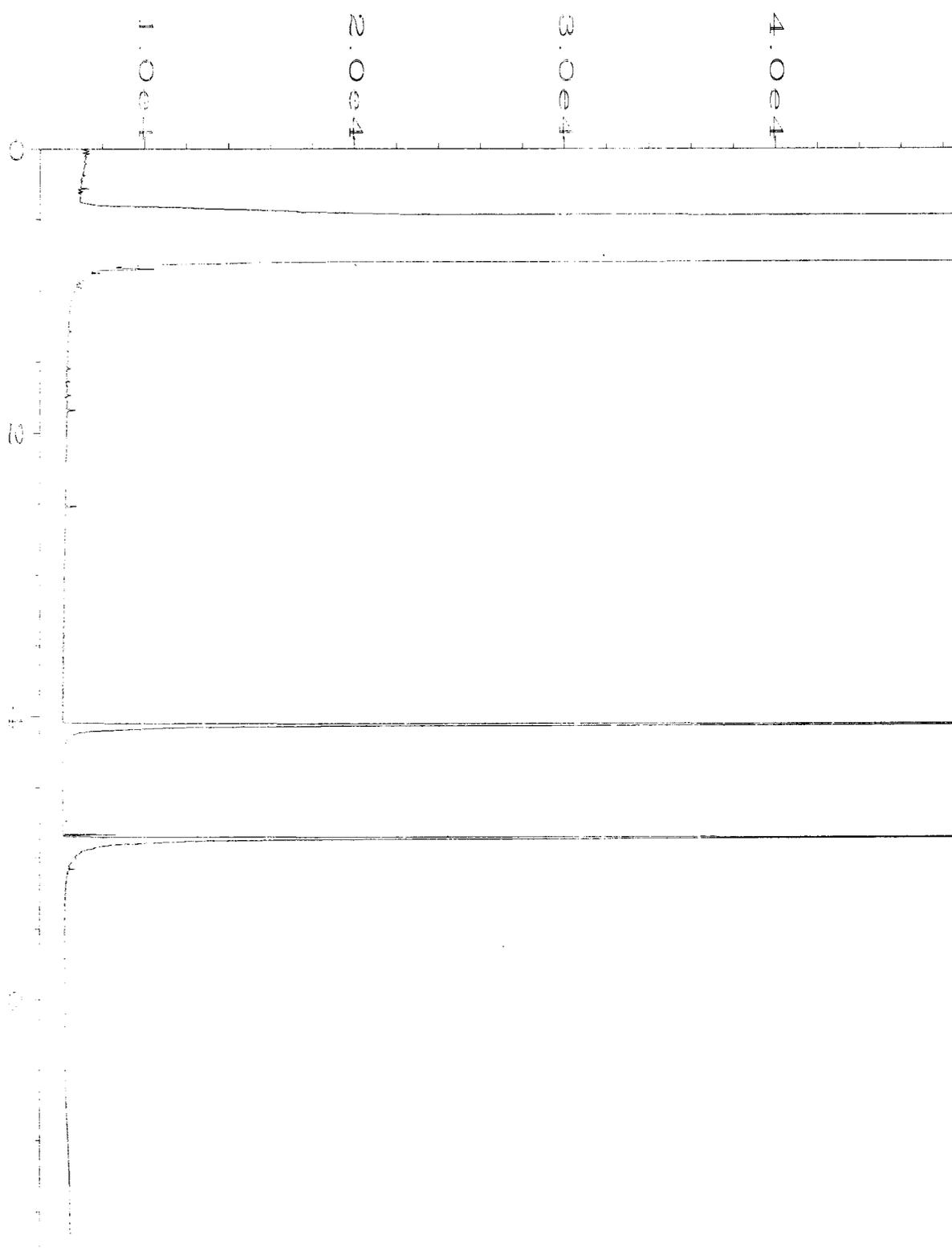
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

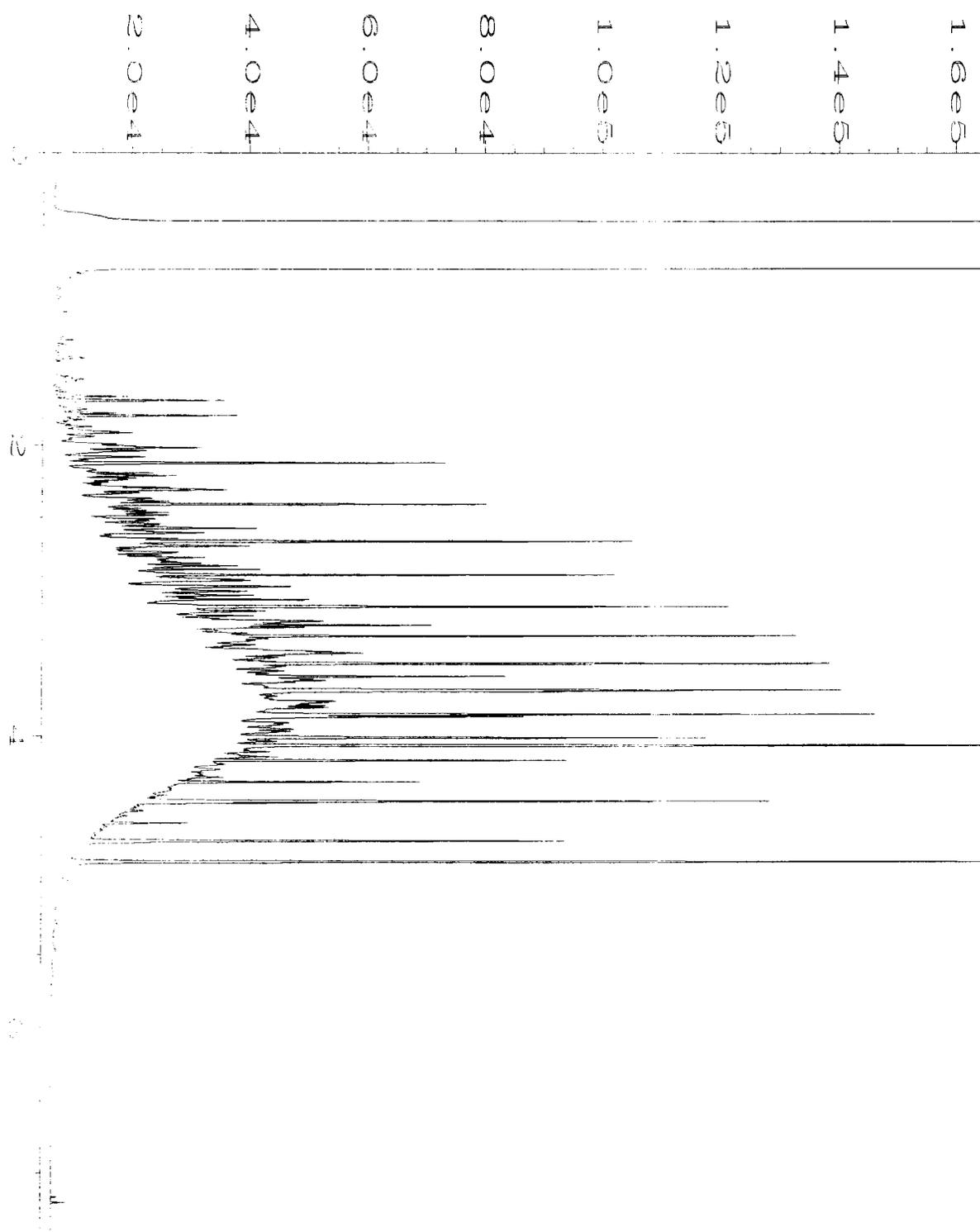
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\021F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 21
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411061-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:24 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\019F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2262 mb2	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:03 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 09:00 AM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:57 AM		

411061

SAMPLE CHAIN OF CUSTODY

ME 11-5-14

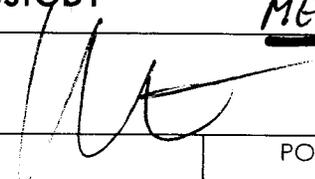
vs2/c02

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

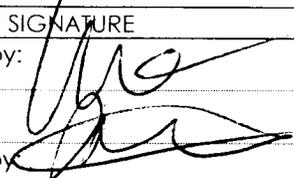
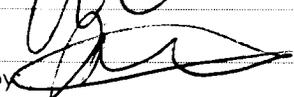
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ14SSW-60	JJ14	60	01 ^A E	11/4/14	0815	soil	5	X	X	X	X	HOLD	
JJ14SSW-55	JJ14	55	02	11/4/14	0820	soil	5					X	
U30ESW-53	U30	53	03	11/5/14	0750	soil	5					X	
AZINSW-35	A21	35	04	11/5/14	0845	soil	5					X	
G31ESW-27	G31	27	05	11/5/14	0850	soil	5					X	
JJ16SSW-53	JJ16	53	06	11/5/14	1200	soil	5					X	
JP 11/5/14								Samples received at <u>5</u> °C					

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: 	Courtney Porter	SoundEarth	11/5/14	1330
Received by: 	Kett Lyndon	FBR	11/5/14	1330
Relinquished by:				
Received by:				

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

November 7, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 6, 2014 from the SOU_0731-004-05_20141106, F&BI 411097 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1107R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 6, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141106, F&BI 411097 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411097 -01	L17-28

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/07/14

Date Received: 11/06/14

Project: SOU_0731-004-05_20141106, F&BI 411097

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
L17-28 411097-01	<2	106
Method Blank 04-2242 MB	<2	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/07/14

Date Received: 11/06/14

Project: SOU_0731-004-05_20141106, F&BI 411097

Date Extracted: 11/06/14

Date Analyzed: 11/06/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
L17-28 411097-01	<50	<250	84
Method Blank 04-2262 MB2	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	L17-28	Client:	SoundEarth Strategies
Date Received:	11/06/14	Project:	SOU_0731-004-05_20141106, F&BI 411097
Date Extracted:	11/06/14	Lab ID:	411097-01
Date Analyzed:	11/06/14	Data File:	110614.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141106, F&BI 411097
Date Extracted:	11/06/14	Lab ID:	04-2201 mb2
Date Analyzed:	11/06/14	Data File:	110606.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/07/14

Date Received: 11/06/14

Project: SOU_0731-004-05_20141106, F&BI 411097

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411096-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/07/14

Date Received: 11/06/14

Project: SOU_0731-004-05_20141106, F&BI 411097

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

Laboratory Code: 411056-01 (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	400	96	99	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/07/14

Date Received: 11/06/14

Project: SOU_0731-004-05_20141106, F&BI 411097

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411053-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	31	31	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	47	48	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	47	46	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	62	14-128	2
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	53	52	13-112	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	58	57	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	59	58	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	64	62	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	55	54	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	59	58	26-114	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	59	58	30-112	2
Toluene	mg/kg (ppm)	2.5	<0.05	55	55	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	54	53	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	58	56	38-111	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	57	55	38-112	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	56	54	38-113	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	69	42-107
Chloroethane	mg/kg (ppm)	2.5	90	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	104	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	91	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	93	75-107
Trichloroethene	mg/kg (ppm)	2.5	97	72-107
Toluene	mg/kg (ppm)	2.5	89	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	93	81-114
m,p-Xylene	mg/kg (ppm)	5	92	82-115
o-Xylene	mg/kg (ppm)	2.5	89	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

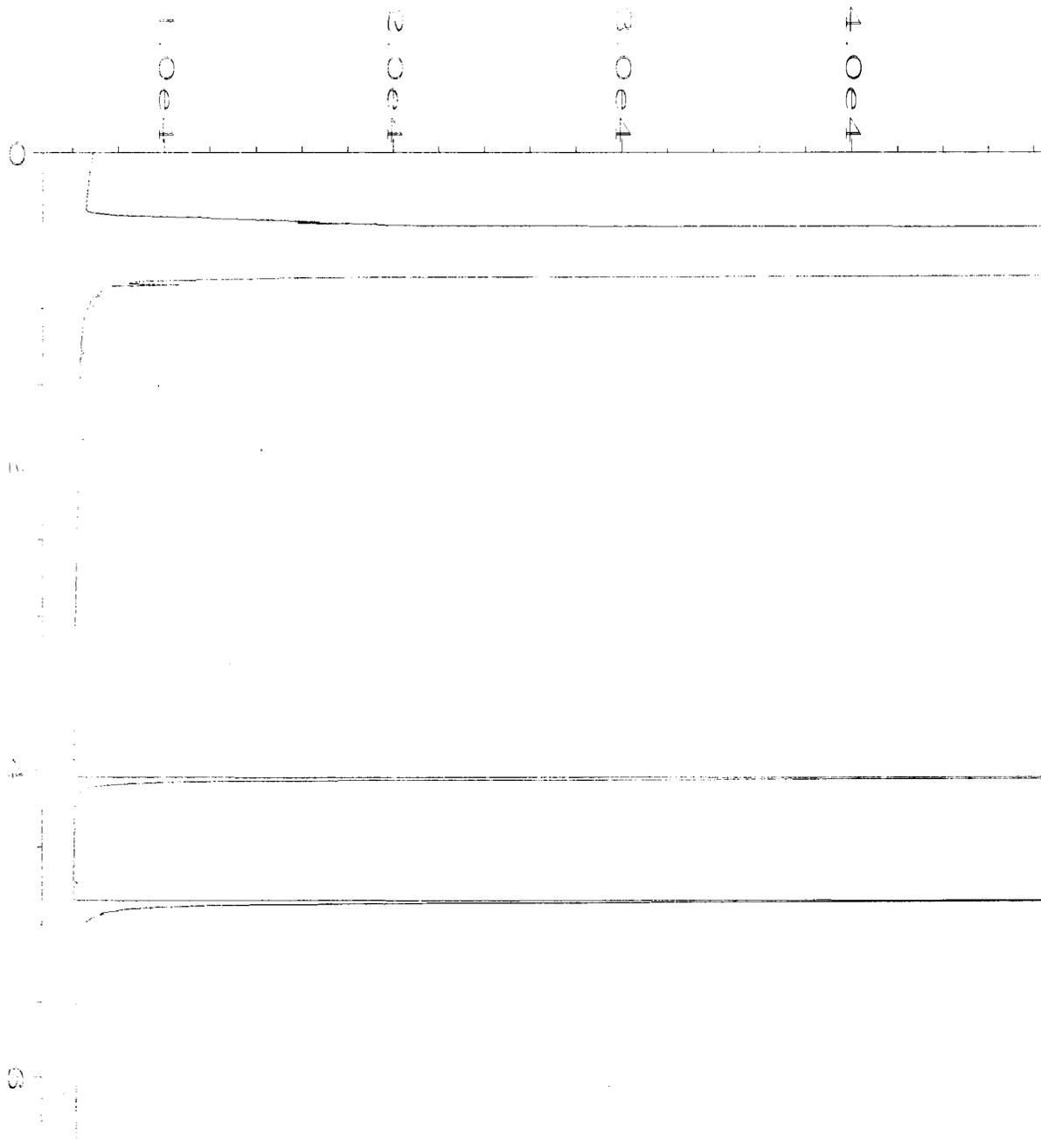
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

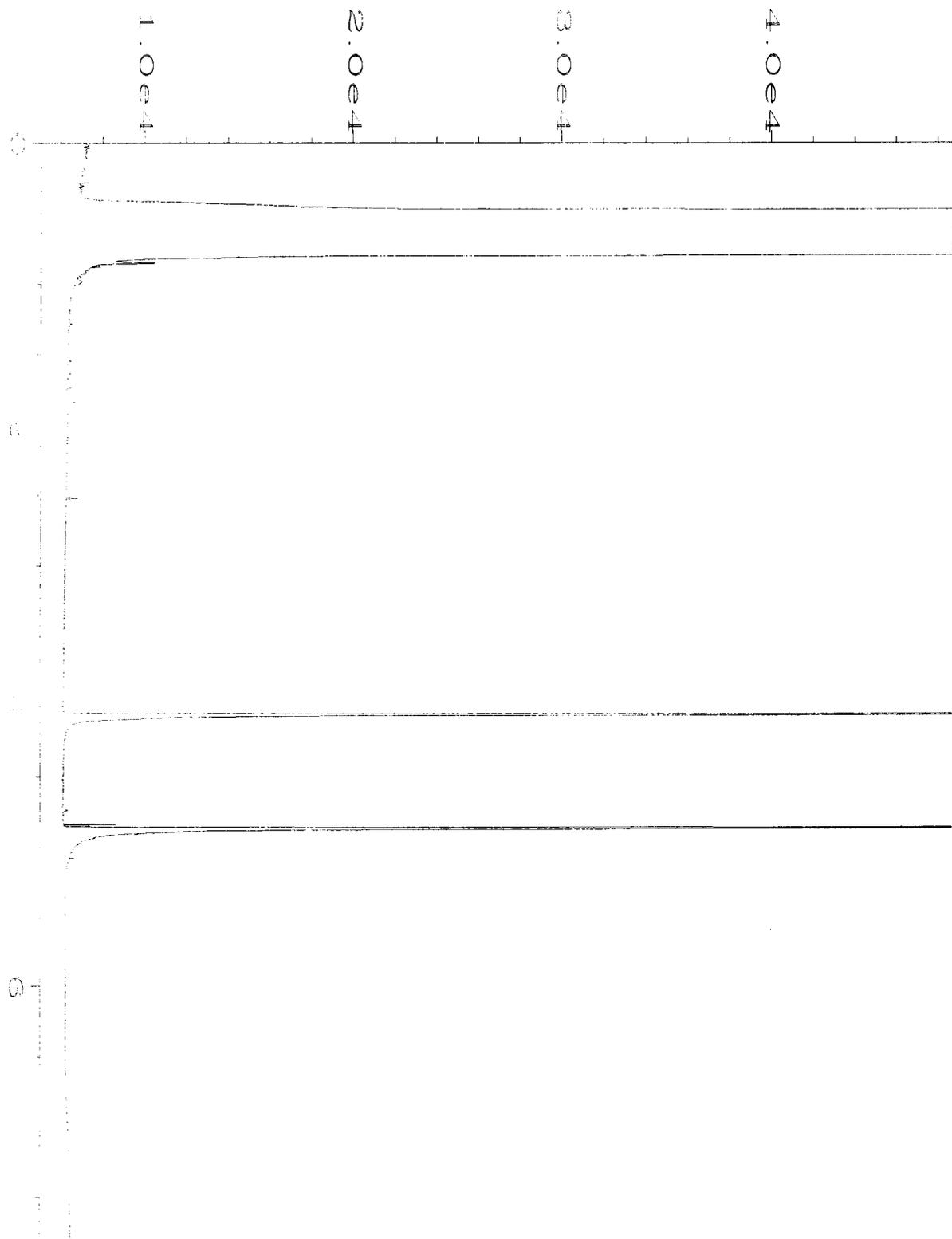
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

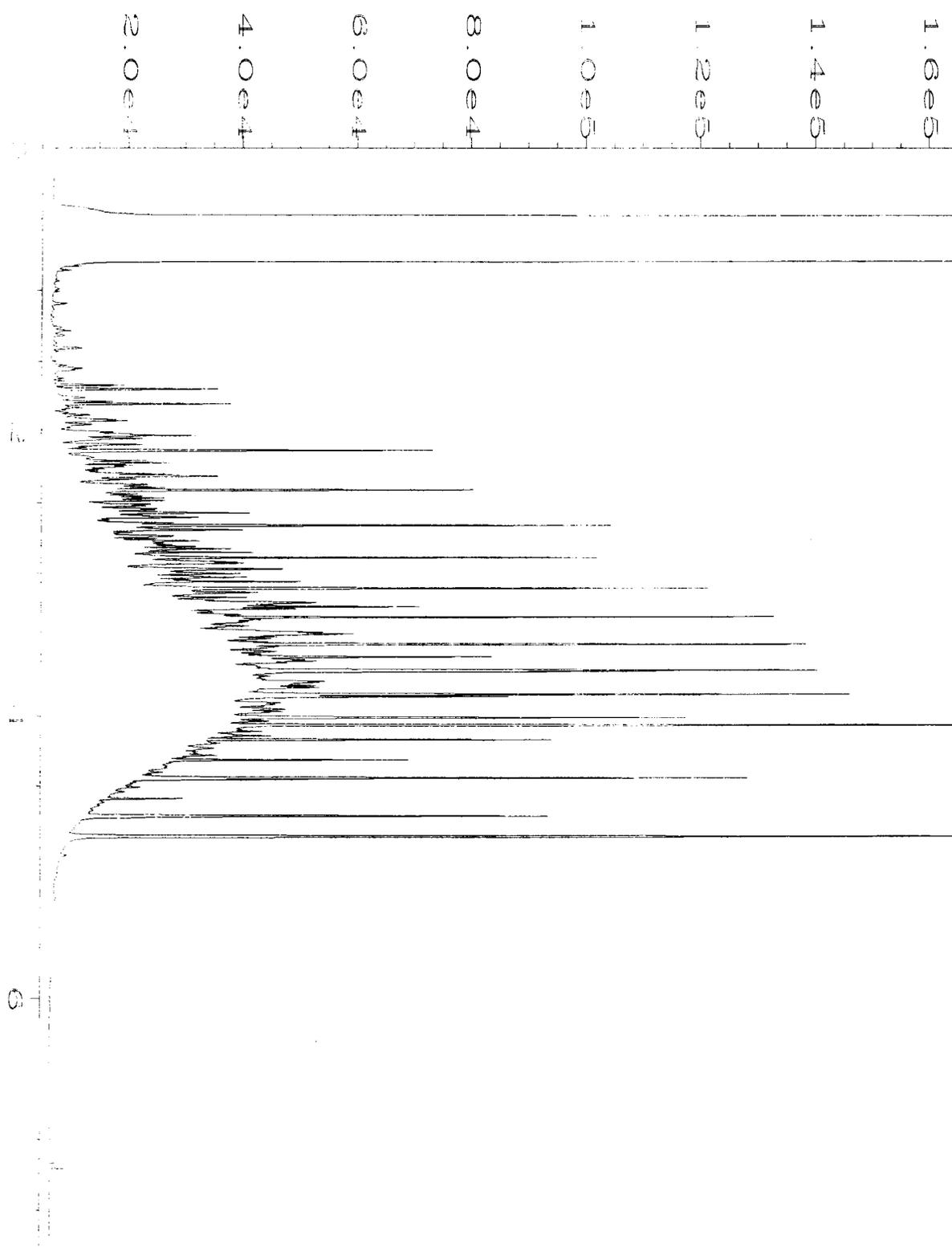
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\023F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 23
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411097-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:49 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\019F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2262 mb2	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 06 Nov 14 04:03 PM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:56 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-06-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 06 Nov 14 09:00 AM	Analysis Method	: END.MTH
Report Created on:	07 Nov 14 08:57 AM		

411097

SAMPLE CHAIN OF CUSTODY

ME 11-06-14

1 VSI / 1 COI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

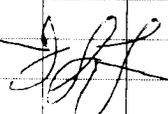
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

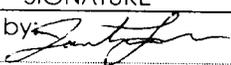
Page # _____ of _____

TURNAROUND TIME
Standard (2 Weeks)
RUSH 24hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
L17-28	L17	28'	DIR-E	11/6/14	1045	SOIL	5	X	X	X	X	
												
11/6/14												

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: 	JONATHAN LOEFFLER	SES	11/6/14	1345
Received by: 	Matt Lydon	FB Inc	11/6/14	1345
Relinquished by: 				
Received by:				

Samples received at 4 °C

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

November 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 10, 2014 from the SOU_0731-004-05_20141110, F&BI 411147 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1111R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141110, F&BI 411147 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411147 -01	A18NSW-32

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 11/10/14

Project: SOU_0731-004-05_20141110, F&BI 411147

Date Extracted: 11/10/14

Date Analyzed: 11/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
A18NSW-32 411147-01 1/5	690	ip
Method Blank 04-2278 MB	<2	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 11/10/14

Project: SOU_0731-004-05_20141110, F&BI 411147

Date Extracted: 11/10/14

Date Analyzed: 11/10/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
A18NSW-32 411147-01	330 x	<250	80
Method Blank 04-2274 MB	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A18NSW-32	Client:	SoundEarth Strategies
Date Received:	11/10/14	Project:	SOU_0731-004-05_20141110, F&BI 411147
Date Extracted:	11/10/14	Lab ID:	411147-01
Date Analyzed:	11/10/14	Data File:	111011.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	107	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	103	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141110, F&BI 411147
Date Extracted:	11/10/14	Lab ID:	04-2205 mb
Date Analyzed:	11/10/14	Data File:	111010.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 11/10/14

Project: SOU_0731-004-05_20141110, F&BI 411147

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	100	100	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 11/10/14

Project: SOU_0731-004-05_20141110, F&BI 411147

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

Laboratory Code: 411136-01 (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	107	112	64-133	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	112	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/11/14

Date Received: 11/10/14

Project: SOU_0731-004-05_20141110, F&BI 411147

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411140-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	43	10-91	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	62	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	61	61	11-103	0
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	80	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	69	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	70	72	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	74	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	75	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	67	66	27-112	2
Benzene	mg/kg (ppm)	2.5	0.069	67	69	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	68	70	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	60	62	34-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	55	59	27-110	7
Ethylbenzene	mg/kg (ppm)	2.5	1.9	58 b	54 b	38-111	7 b
m,p-Xylene	mg/kg (ppm)	5	2.1	56 b	59 b	38-112	5 b
o-Xylene	mg/kg (ppm)	2.5	3.6	50 b	42 b	38-113	17 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	42-107
Chloroethane	mg/kg (ppm)	2.5	94	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	65-110
Methylene chloride	mg/kg (ppm)	2.5	99	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	92	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	91	72-116
Benzene	mg/kg (ppm)	2.5	93	75-107
Trichloroethene	mg/kg (ppm)	2.5	97	72-107
Toluene	mg/kg (ppm)	2.5	91	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	99	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	95	82-115
o-Xylene	mg/kg (ppm)	2.5	94	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

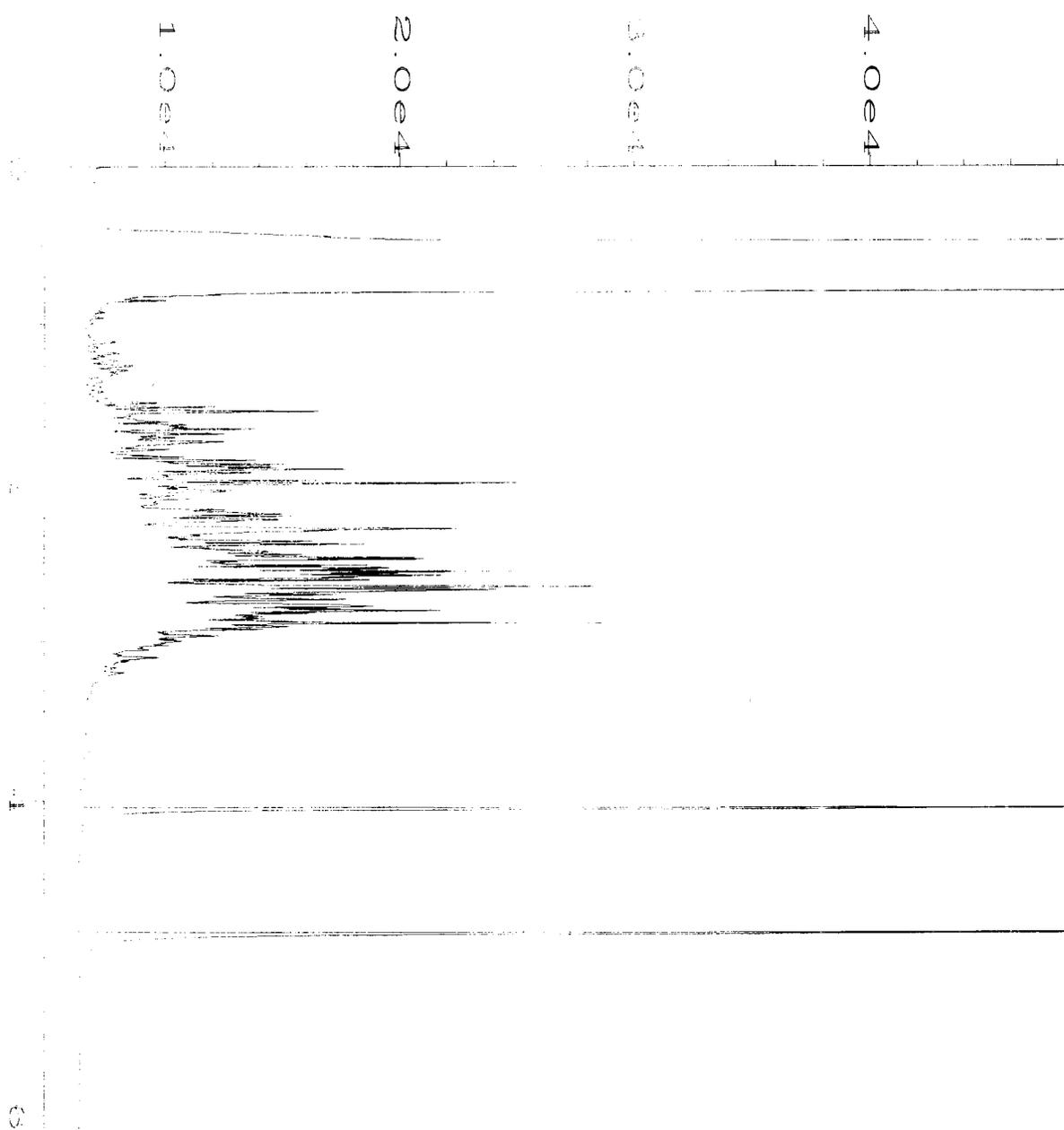
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

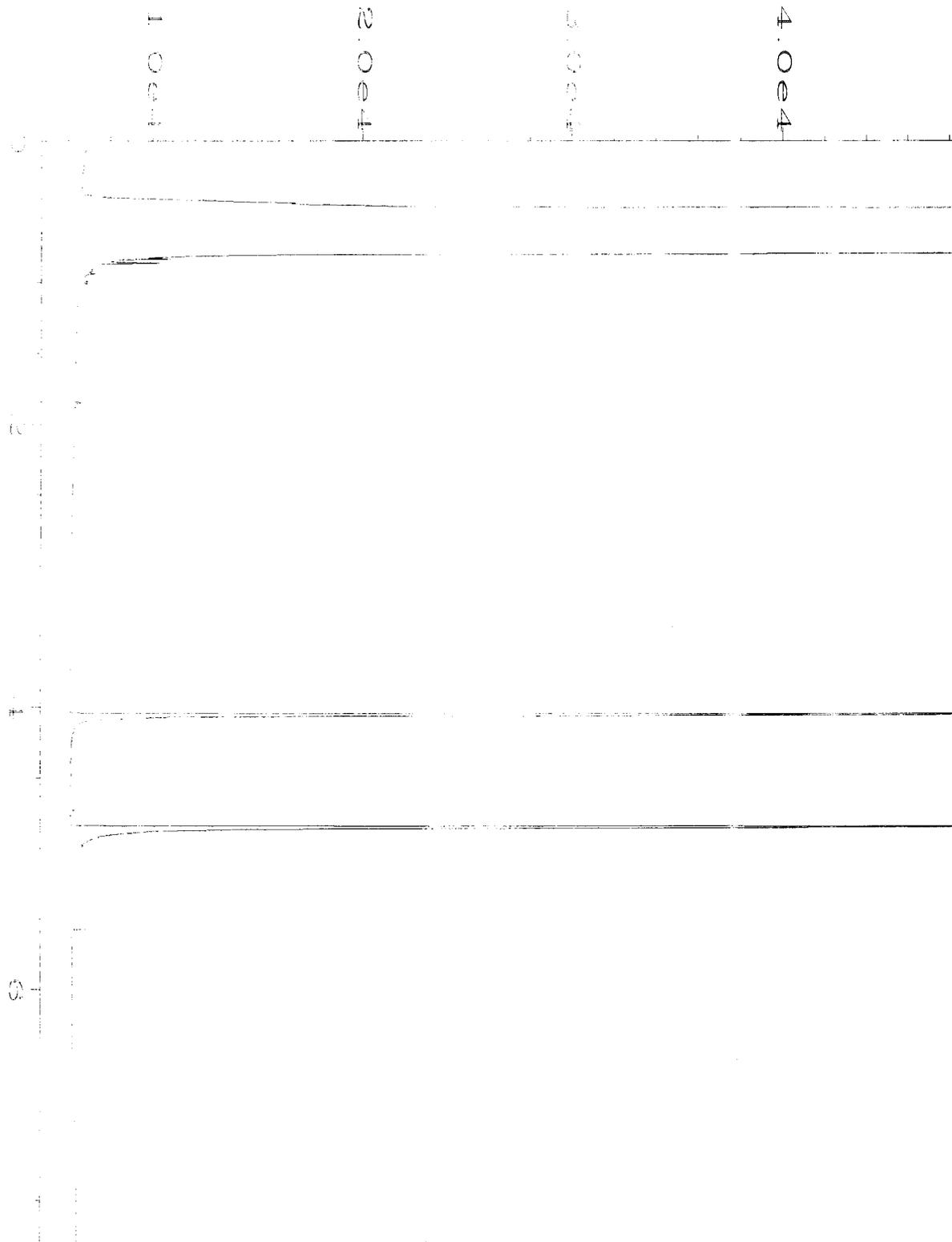
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

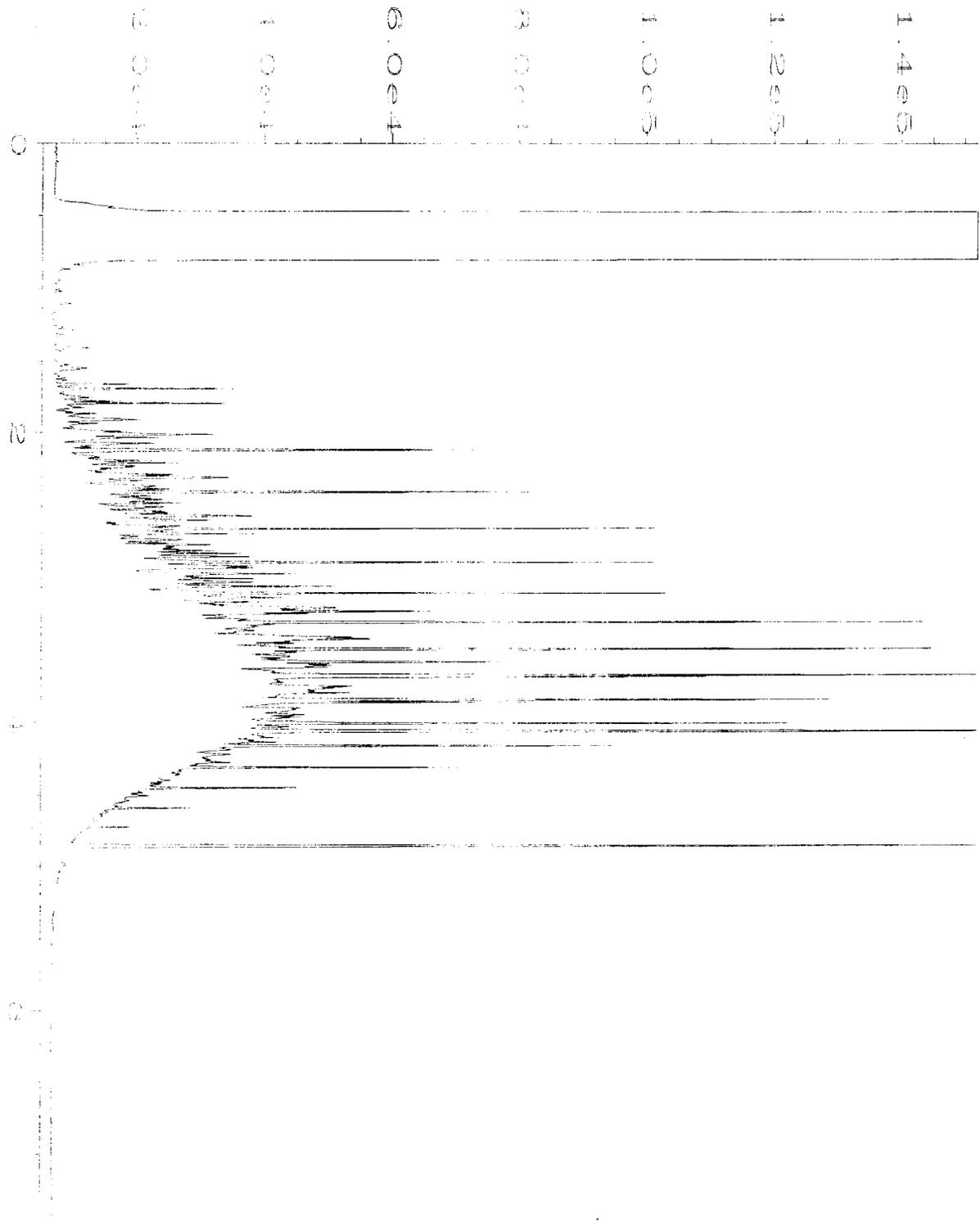
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\11-10-14\024F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 24
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411147-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Nov 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	11 Nov 14 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-10-14\025F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 25
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2289 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 10 Nov 14 05:40 PM	Analysis Method	: DX.MTH
Report Created on:	11 Nov 14 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-10-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Nov 14 09:05 AM	Analysis Method	: DX.MTH
Report Created on:	11 Nov 14 09:24 AM		

41147

SAMPLE CHAIN OF CUSTODY

ME 11-10-14

159/101

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24-hr. Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
A18NSW-32	A18	32	01 A-F	11/10/14	0850	soil	6	X	X	X	X	
CP 11/10/14												

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:	Courtney Porter	SoundEarth	11/10/14	1100
Received by:	F3T	F3T	11/10/14	1100
Relinquished by:				
Received by:				
Samples received at <u>5</u> °C				

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on November 11, 2014 from the SOU_0731-004-05_20141111, F&BI 411179 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141111, F&BI 411179 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411179 -01	A19NSW-31
411179 -02	A16NSW-31

All quality control requirements were acceptable.

Date of Report: 11/19/14
Date Received: 11/11/14
Project: SOU_0731-004-05_20141111, F&BI 411179
Date Extracted: 11/17/14
Date Analyzed: 11/17/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 56-165)
A19NSW-31 411179-01	<50	<250	89
A16NSW-31 411179-02	<50	<250	91
Method Blank 04-2343 MB	<50	<250	89

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A19NSW-31	Client: SoundEarth Strategies
Date Received: 11/11/14	Project: SOU_0731-004-05_20141111
Date Extracted: 11/17/14	Lab ID: 411179-01
Date Analyzed: 11/17/14	Data File: 111709.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

	% Recovery:	Lower Limit:	Upper Limit:
Surrogates:			
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID: A16NSW-31	Client: SoundEarth Strategies
Date Received: 11/11/14	Project: SOU_0731-004-05_20141111
Date Extracted: 11/17/14	Lab ID: 411179-02
Date Analyzed: 11/17/14	Data File: 111710.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm) Dry Weight	Operator: JS

	% Recovery:	Lower Limit:	Upper Limit:
Surrogates:			
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141111
Date Extracted:	11/17/14	Lab ID:	04-2316 mb
Date Analyzed:	11/17/14	Data File:	111708.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

	% Recovery:	Lower Limit:	Upper Limit:
Surrogates:			
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411179

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

Laboratory Code: 411271-02 (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	84	84	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	84	79-144

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411183-12 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	52	10-138	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	63	63	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	78	10-160	12
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	81	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	75	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	79	19-140	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	83	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	81	12-160	2
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	79	10-156	0
Benzene	mg/kg (ppm)	2.5	<0.03	76	78	29-129	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	82	21-139	4
Toluene	mg/kg (ppm)	2.5	<0.05	79	81	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	82	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	81	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	79	81	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	82	85	33-134	4

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Acceptance Criteria
			Recovery LCS	
Vinyl chloride	mg/kg (ppm)	2.5	89	22-139
Chloroethane	mg/kg (ppm)	2.5	88	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	106	47-128
Methylene chloride	mg/kg (ppm)	2.5	112	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	111	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	109	62-131
Benzene	mg/kg (ppm)	2.5	105	68-114
Trichloroethene	mg/kg (ppm)	2.5	108	64-117
Toluene	mg/kg (ppm)	2.5	106	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	110	72-114
Ethylbenzene	mg/kg (ppm)	2.5	107	64-123
m,p-Xylene	mg/kg (ppm)	5	106	78-122
o-Xylene	mg/kg (ppm)	2.5	108	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

411179

SAMPLE CHAIN OF CUSTODY ME 11/11/14

COI/VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

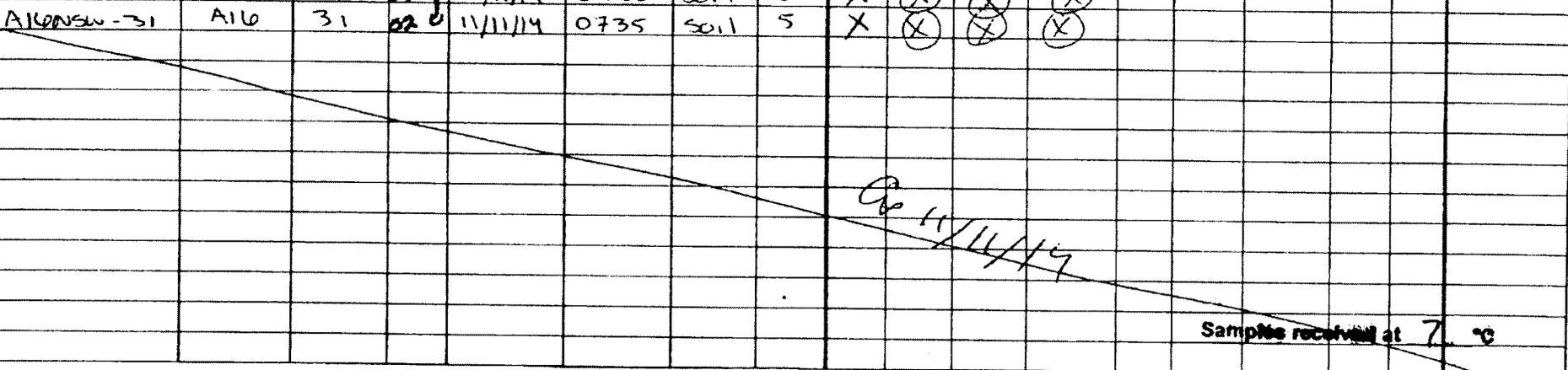
SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per PJK on 11/14/14 at Standard TAT	EIM Y

Page # 1 of 1

TURNAROUND TIME

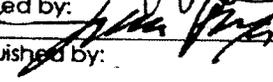
Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. KINGSTON

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
A1KNSW-31	A19	31	01A*	11/11/14	0730	soil	5	X	⊗	⊗	⊗	
A1KNSW-31	A16	31	02b	11/11/14	0735	soil	5	X	⊗	⊗	⊗	
												

Samples received at 7:00

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: 	Courtney Porter	SoundEarth	11/11/14	1330
Received by: 	James Bruya	F&B	11/11	1330
Relinquished by:				
Received by:				

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

November 12, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 11, 2014 from the SOU_0731-004-05_20141111, F&BI 411179 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonthan Loeffler, Courtney Porter
SOU1112R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141111, F&BI 411179 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411179 -01	A19NSW-31
411179 -02	A16NSW-31

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411179

Date Extracted: 11/11/14

Date Analyzed: 11/11/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
A19NSW-31 411179-01	<2	81
A16NSW-31 411179-02	<2	88
Method Blank 04-2281 MB	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/12/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411171-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

411179

SAMPLE CHAIN OF CUSTODY ME 11/11/14

COI/VS1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

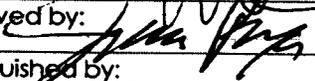
Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24-hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
AKNSW-31	A19	31	01A	11/11/14	0730	soil	5	X											
AKNSW-31	A10	31	02C	11/11/14	0735	soil	5	X											
Q 11/11/14																			
Samples received at <u>7</u> °C																			

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: 	Courtney Porter	SoundEarth	11/11/14	1330
Received by: 	James Bruya	F&B	11/11	1330
Relinquished by:				
Received by:				

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
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fbi@isomedia.com
www.friedmanandbruya.com

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 11, 2014 from the SOU_0731-004-05_20141111, F&BI 411180 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141111, F&BI 411180 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411180 -01	II1WSW-57
411180 -02	JJ2SSW-53
411180 -03	JJ4SSW-54
411180 -04	JJ6SSW-55
411180 -05	JJ8SSW-55
411180 -06	JJ13SSW-50
411180 -07	JJ14SSW-50
411180 -08	A6NSW-38

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-50 411180-07	<2	105
A6NSW-38 411180-08	<2	104
Method Blank 04-2283 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ14SSW-50 411180-07	<50	<250	79
A6NSW-38 411180-08	<50	<250	81
Method Blank 04-2306 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-50	Client:	SoundEarth Strategies
Date Received:	11/11/14	Project:	SOU_0731-004-05_20141111
Date Extracted:	11/13/14	Lab ID:	411180-07
Date Analyzed:	11/13/14	Data File:	111307.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A6NSW-38	Client:	SoundEarth Strategies
Date Received:	11/11/14	Project:	SOU_0731-004-05_20141111
Date Extracted:	11/13/14	Lab ID:	411180-08
Date Analyzed:	11/13/14	Data File:	111308.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141111
Date Extracted:	11/13/14	Lab ID:	04-2210 mb2
Date Analyzed:	11/13/14	Data File:	111305.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	100	95	61-153	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

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

Laboratory Code: 411207-02 (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	104	105	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	105	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411163-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	73	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	70	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	95	89	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	79	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	82	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	75	27-112	1
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	67	68	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	66	66	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	73	73	38-111	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	71	72	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	73	73	38-113	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/11/14

Project: SOU_0731-004-05_20141111, F&BI 411180

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	112	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	105	65-110
Methylene chloride	mg/kg (ppm)	2.5	112	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	106	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	107	72-116
Benzene	mg/kg (ppm)	2.5	100	75-107
Trichloroethene	mg/kg (ppm)	2.5	102	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110
Ethylbenzene	mg/kg (ppm)	2.5	103	81-114
m,p-Xylene	mg/kg (ppm)	5	104	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

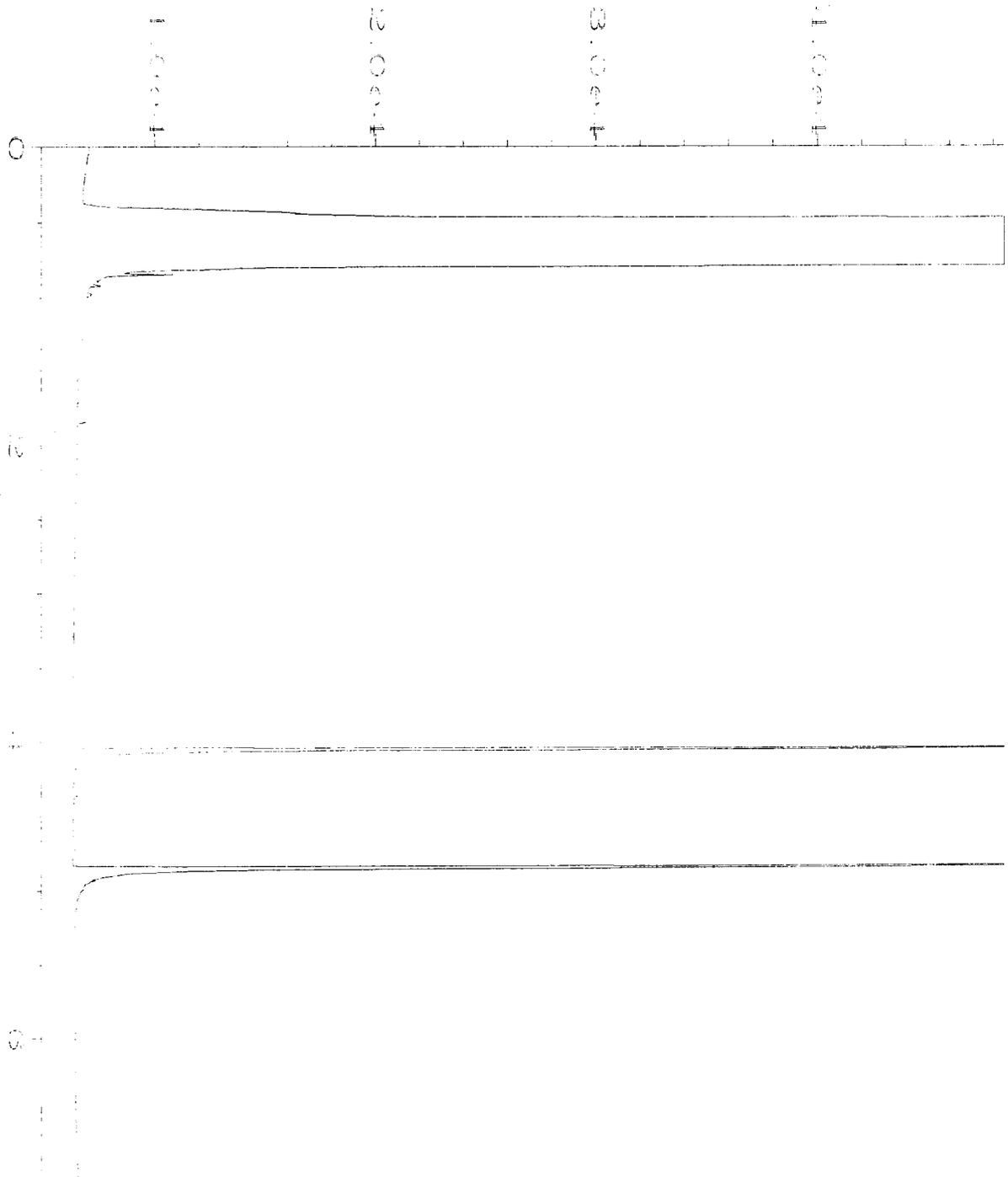
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

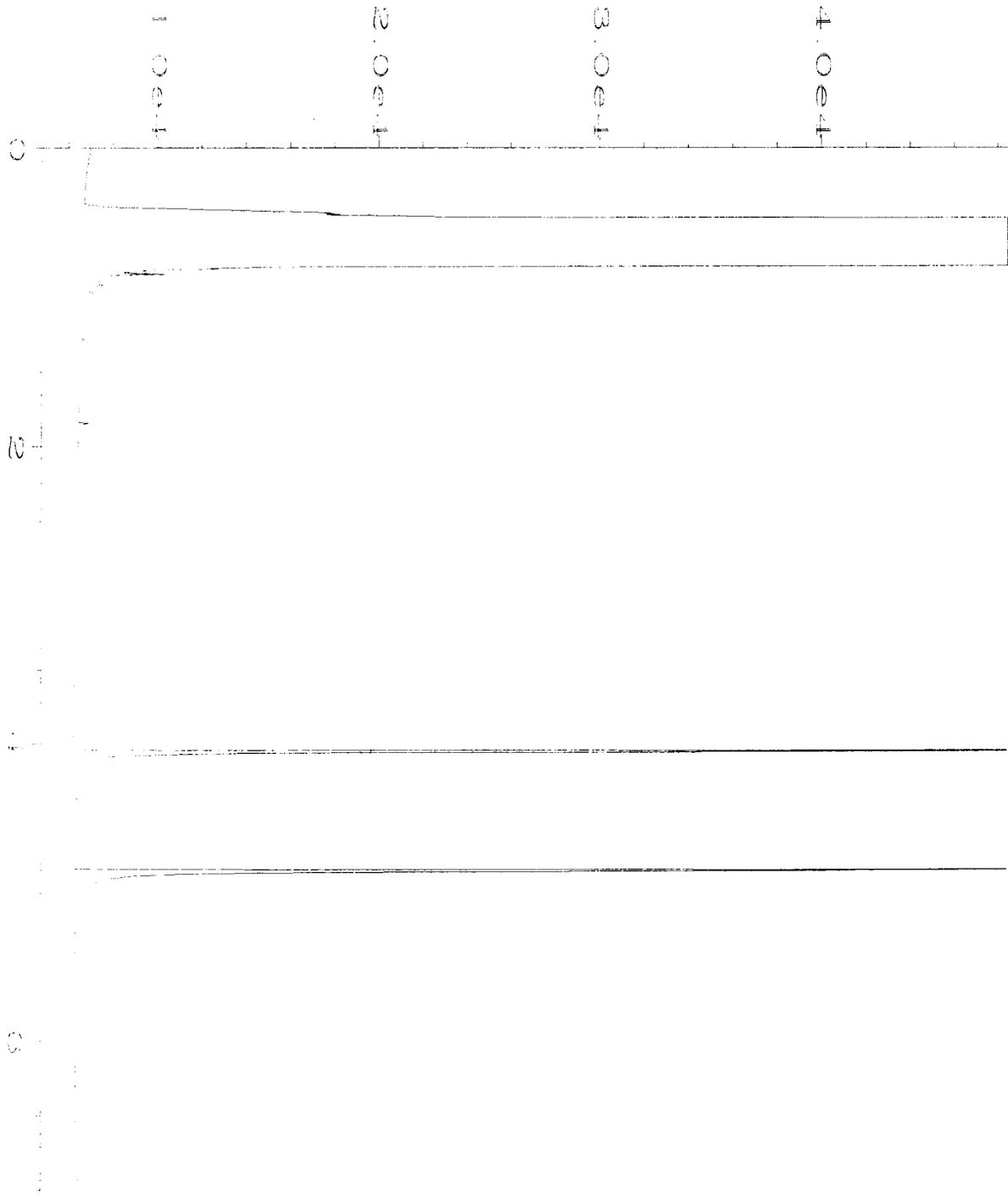
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

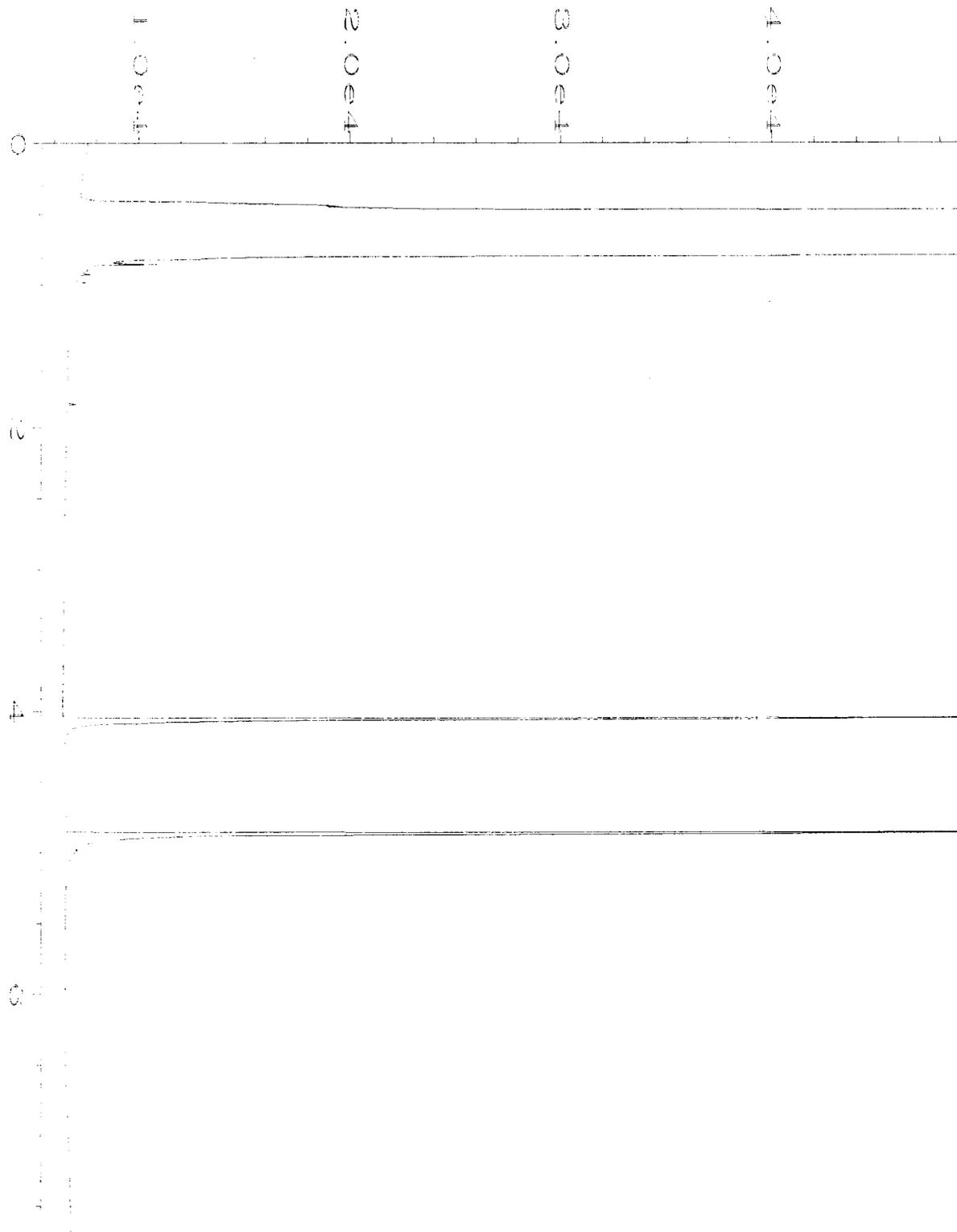
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



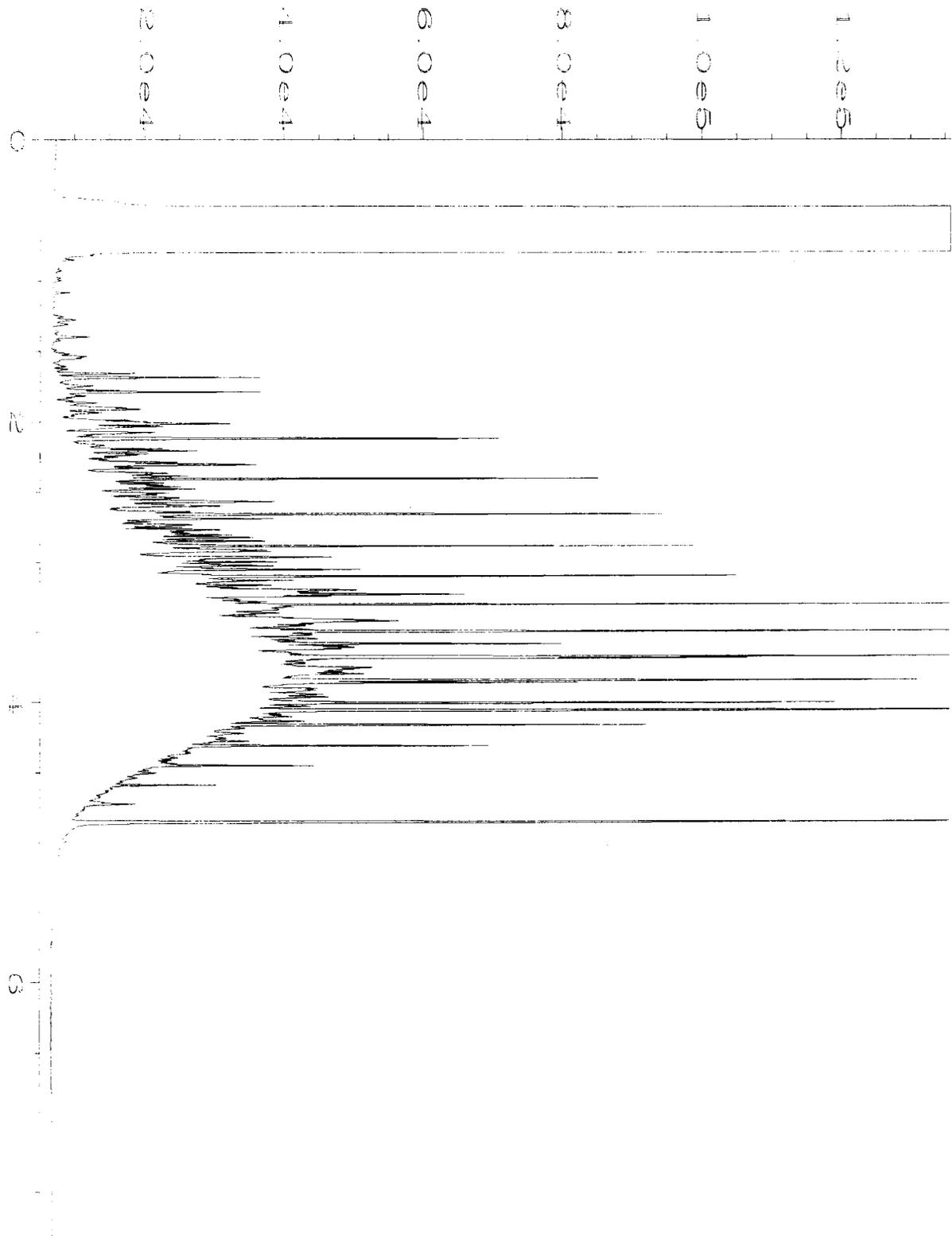
Data File Name	: C:\HPCHEM\1\DATA\11-13-14\020F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411180-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 12:27 PM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 09:33 AM		



Data File Name : C:\HPCHEM\1\DATA\11-13-14\021F0301.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 21
Sample Name : 411180-08 Injection Number : 1
Run Time Bar Code: Sequence Line : 3
Acquired on : 13 Nov 14 12:40 PM Instrument Method: DX.MTH
Report Created on: 14 Nov 14 09:33 AM Analysis Method : DX.MTH



Data File Name	: C:\HPCHEM\1\DATA\11-13-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2306 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 09:34 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-13-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 08:59 AM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 09:34 AM		

411180

SAMPLE CHAIN OF CUSTODY

ME 11/11/14

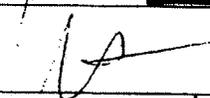
CO3/VS3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Per per PSK on 11/2/14	EIM Y

Page # 1 of 1

TURNAROUND TIME

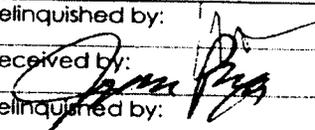
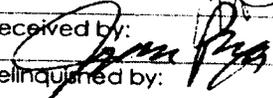
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HULD	Notes
JJ1WSW-57	JJ1	57	01	11/11/14	0750	Soil	5					X	
JJ2SSW-53	JJ2	53	02	11/11/14	0800	Soil	5					X	
JJ4SSW-54	JJ4	54	03	11/11/14	0805	Soil	5					X	
JJ6SSW-55	JJ6	55	04	11/11/14	0810	Soil	5					X	
JJ8SSW-55	JJ8	55	05	11/11/14	0840	Soil	5					X	
JJ13SSW-50	JJ13	50	06	11/11/14	0845	Soil	5					X	
JJ14SSW-50	JJ14	50	07	11/11/14	0850	Soil	5	⊗	⊗	⊗	⊗	X	
AGNSW-38	AG	38	08	11/10/14	1135	Soil	5	⊗	⊗	⊗	⊗	X	
ME 11/11/14													
Samples received at <u>7</u> °C													

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: 	Courtney Porter	SoundEarth	11/11/14	1330
Received by: 	JAMES BRUYA	FE B	11/11	1330
Relinquished by:				
Received by:				

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 12, 2014 from the SOU_0731-004-05_20141112, F&BI 411207 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 12, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141112, F&BI 411207 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411207 -01	EE1WSW-52
411207 -02	DD1WSW-51
411207 -03	II1WSW-52
411207 -04	JJ1SWSW-51
411207 -05	JJ2SSW-48
411207 -06	JJ4SSW-49
411207 -07	JJ6SSW-50
411207 -08	JJ8SSW-50
411207 -09	JJ13SSW-45
411207 -10	JJ14SSW-45
411207 -11	JJ23SSW-48
411207 -12	JJ21SSW-48
411207 -13	JJ16SSW-48
411207 -14	JJ24SSW-48

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
DD1WSW-51 411207-02	<2	101
JJ6SSW-50 411207-07	<2	95
JJ23SSW-48 411207-11	<2	94
Method Blank 04-2283 MB	<2	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

Date Extracted: 11/13/14

Date Analyzed: 11/13/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
DD1WSW-51 411207-02	<50	<250	80
JJ6SSW-50 411207-07	<50	<250	79
JJ23SSW-48 411207-11	<50	<250	88
Method Blank 04-2306 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-51	Client:	SoundEarth Strategies
Date Received:	11/12/14	Project:	SOU_0731-004-05_20141112
Date Extracted:	11/13/14	Lab ID:	411207-02
Date Analyzed:	11/13/14	Data File:	111309.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ6SSW-50	Client:	SoundEarth Strategies
Date Received:	11/12/14	Project:	SOU_0731-004-05_20141112
Date Extracted:	11/13/14	Lab ID:	411207-07
Date Analyzed:	11/13/14	Data File:	111310.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	103	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ23SSW-48	Client:	SoundEarth Strategies
Date Received:	11/12/14	Project:	SOU_0731-004-05_20141112
Date Extracted:	11/13/14	Lab ID:	411207-11
Date Analyzed:	11/13/14	Data File:	111311.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141112
Date Extracted:	11/13/14	Lab ID:	04-2210 mb2
Date Analyzed:	11/13/14	Data File:	111305.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	100	95	61-153	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

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

Laboratory Code: 411207-02 (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	104	105	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	105	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411163-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	51	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	69	73	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	70	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	95	89	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	77	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	79	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	82	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	75	27-112	1
Benzene	mg/kg (ppm)	2.5	<0.03	74	76	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	77	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	67	68	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	66	66	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	73	73	38-111	0
m,p-Xylene	mg/kg (ppm)	5	<0.1	71	72	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	73	73	38-113	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/12/14

Project: SOU_0731-004-05_20141112, F&BI 411207

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	112	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	105	65-110
Methylene chloride	mg/kg (ppm)	2.5	112	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	106	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	107	72-116
Benzene	mg/kg (ppm)	2.5	100	75-107
Trichloroethene	mg/kg (ppm)	2.5	102	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	102	77-110
Ethylbenzene	mg/kg (ppm)	2.5	103	81-114
m,p-Xylene	mg/kg (ppm)	5	104	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

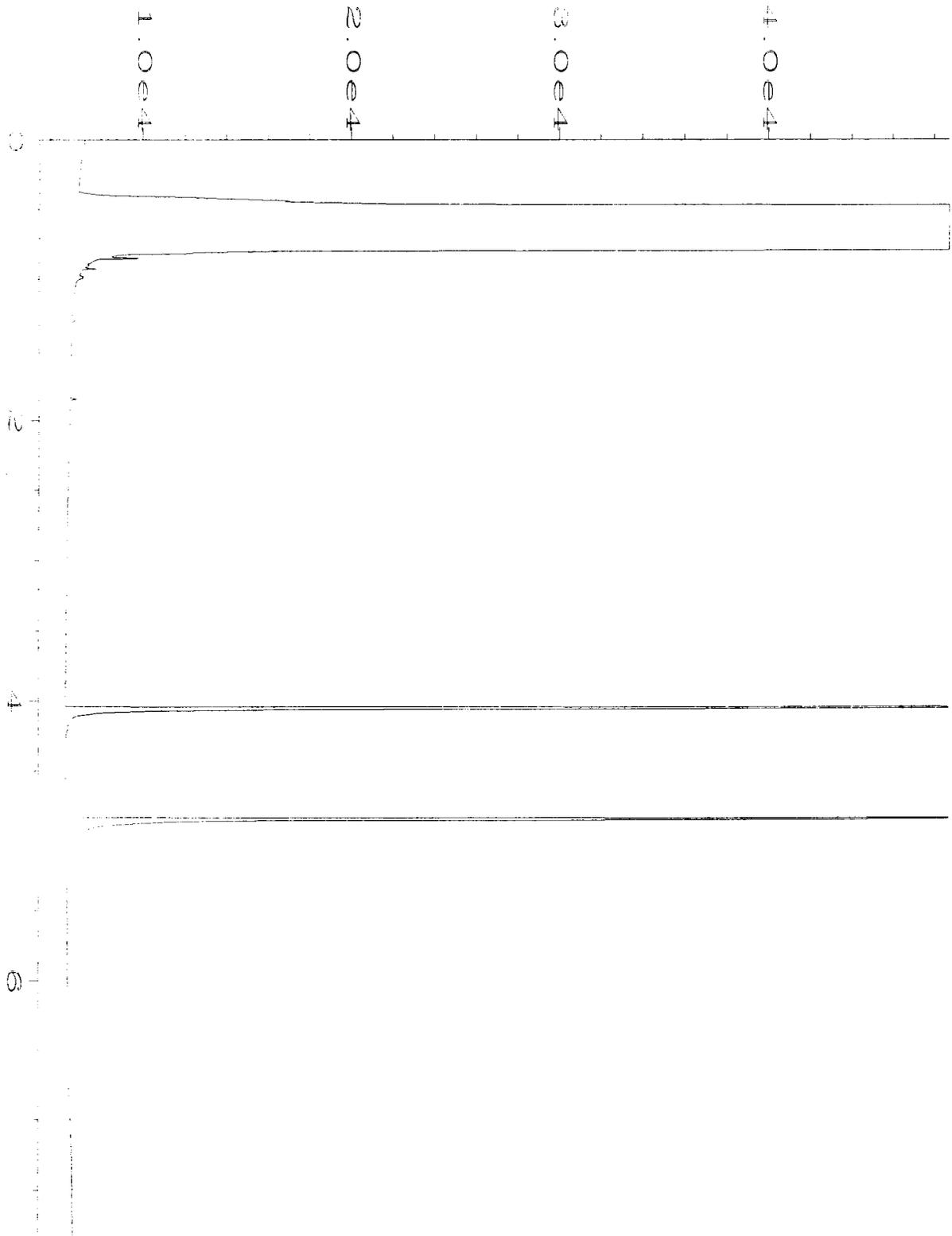
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

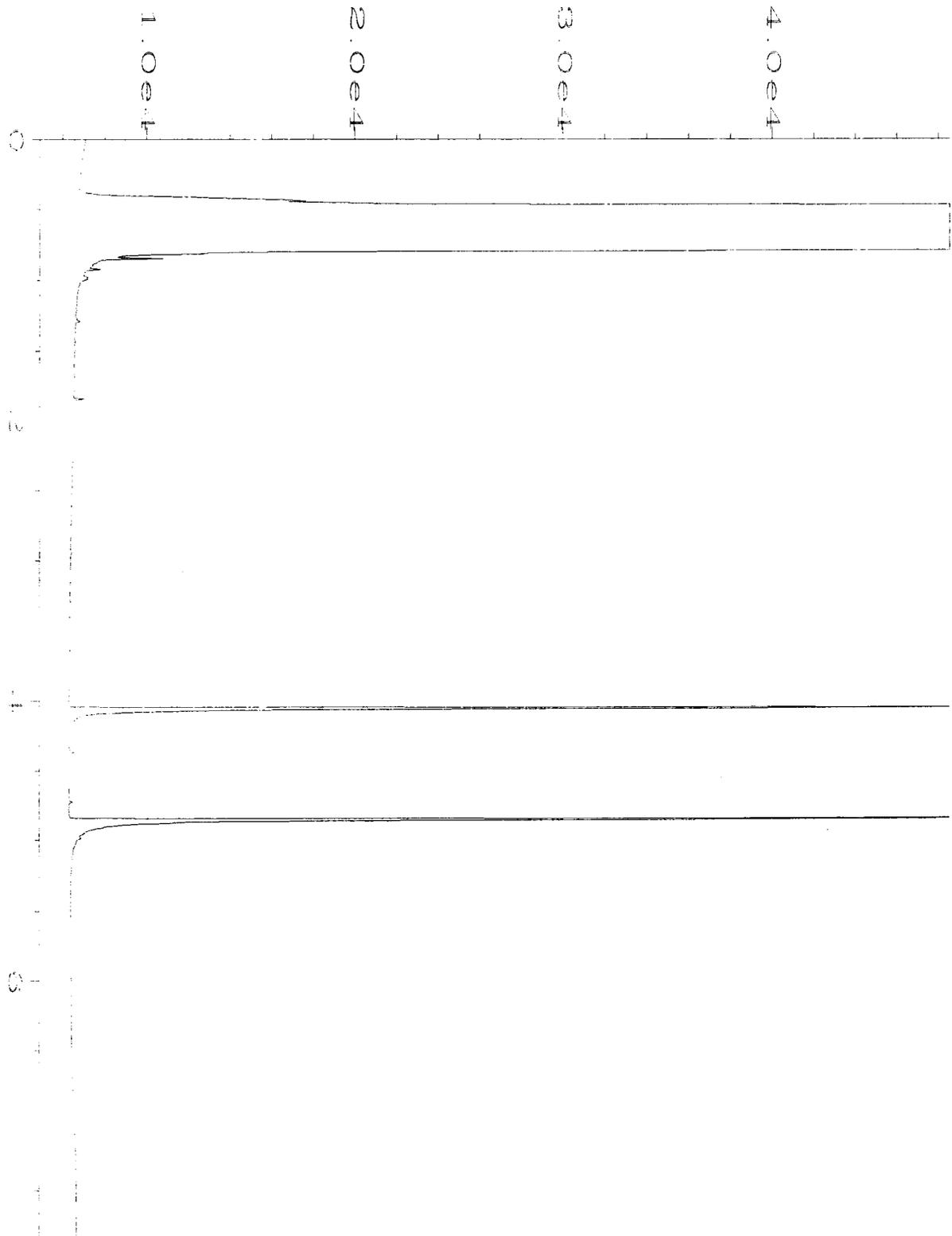
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

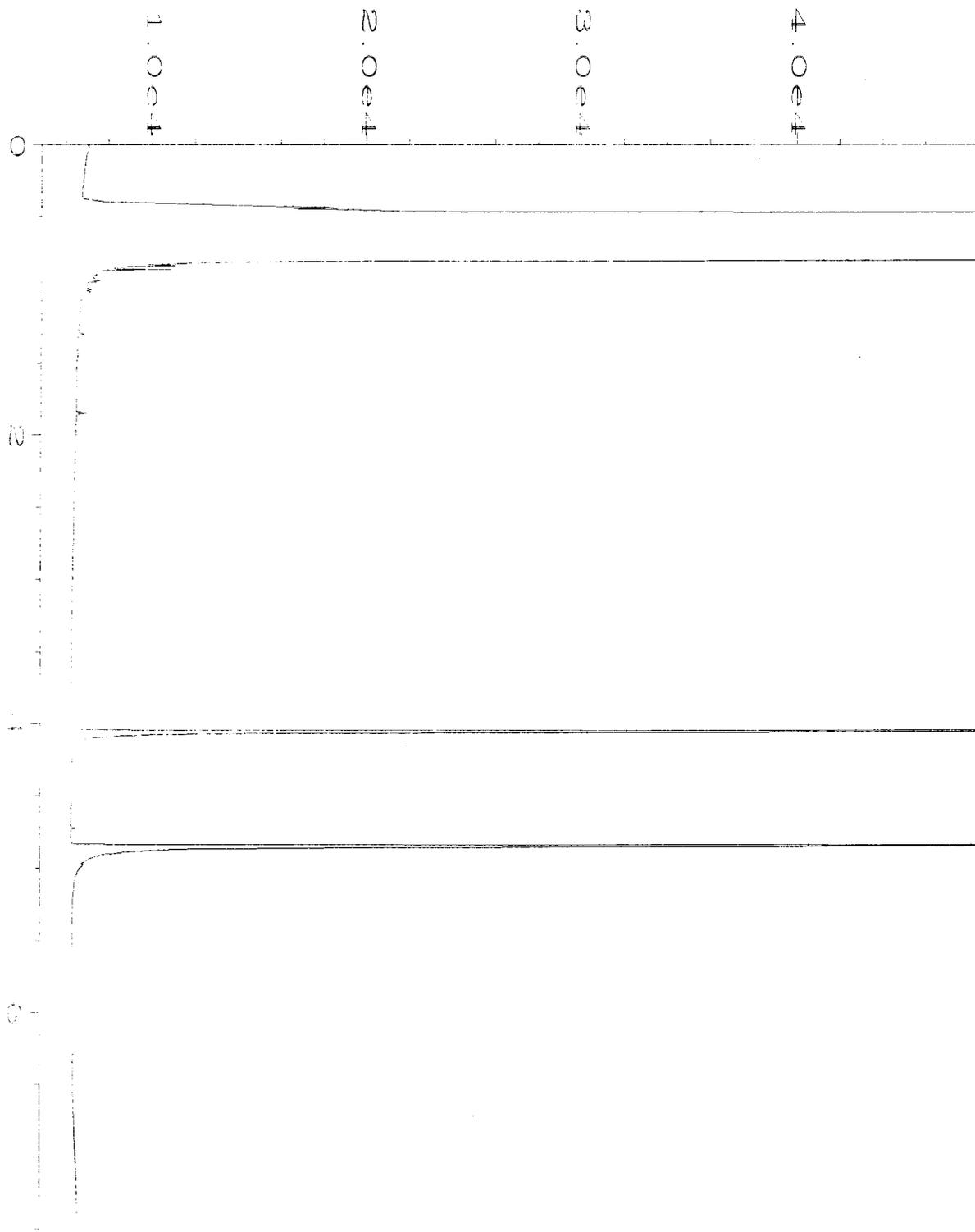
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



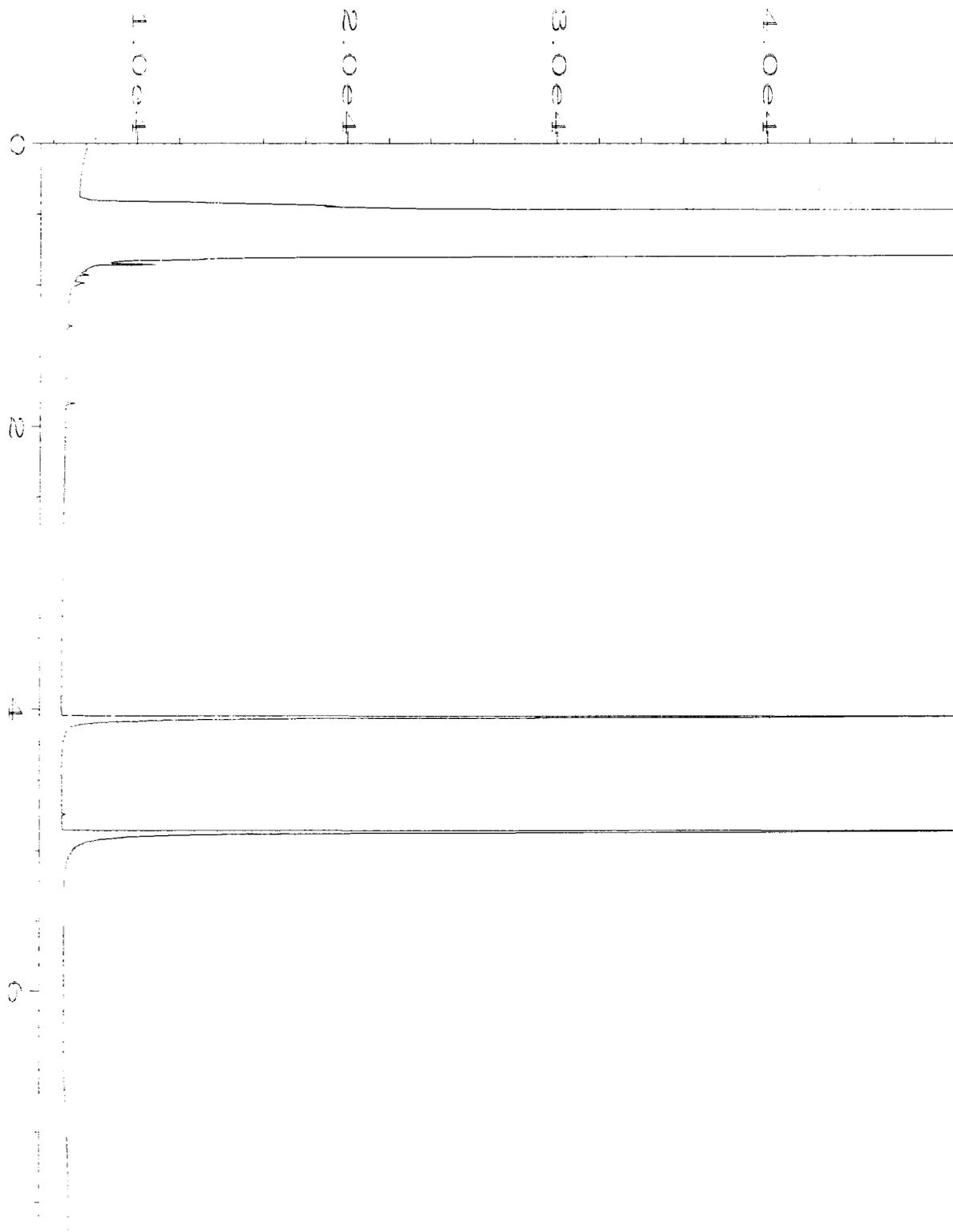
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Operator	: mwdl	Vial Number	: 10
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411207-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 10:25 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 01:48 PM		



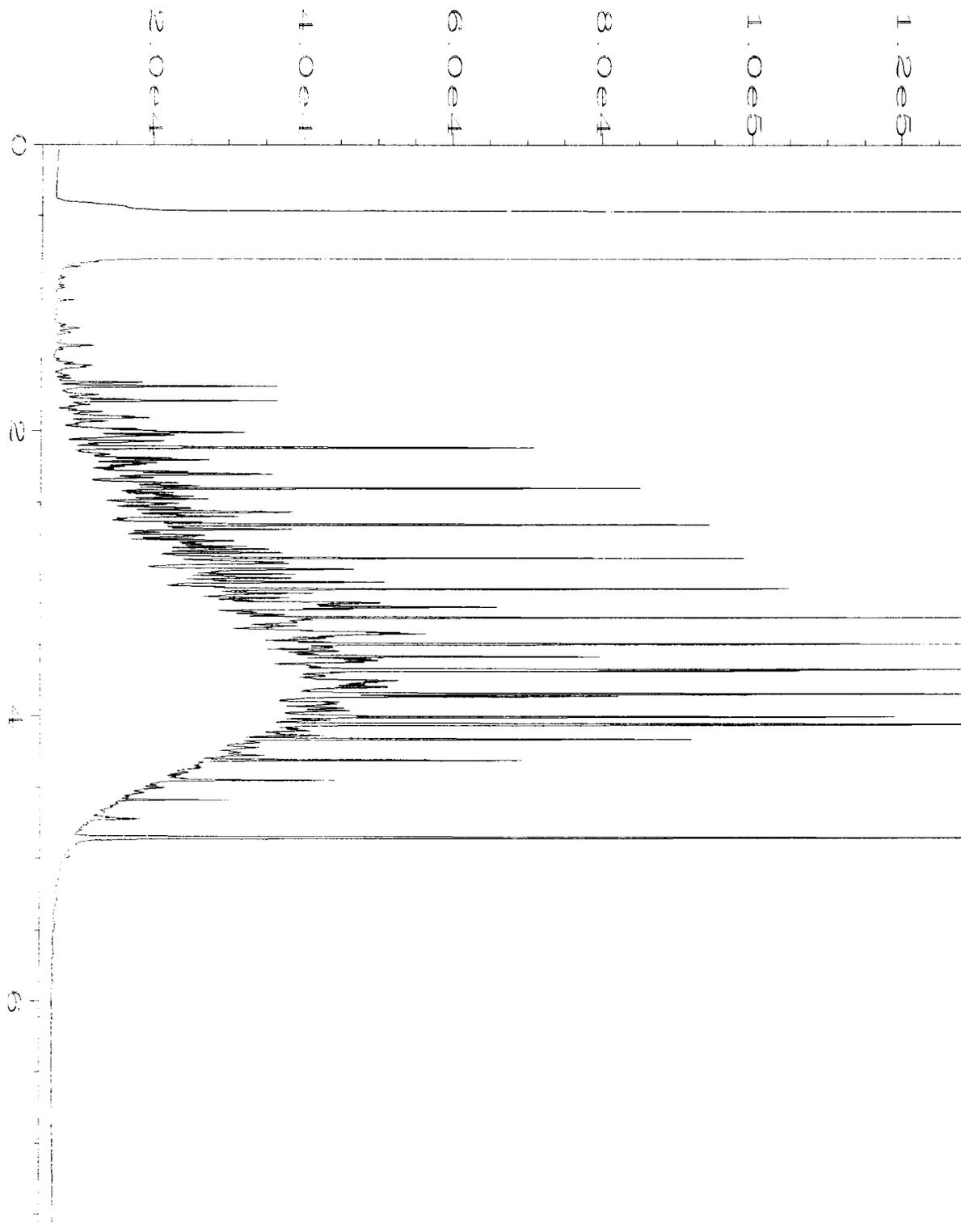
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Operator	: mwdl	Vial Number	: 11
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411207-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 10:38 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 01:48 PM		



Data File Name	: C:\HPCHEM\1\DATA\11-13-14\012F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 12
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411207-11	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 10:50 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 01:48 PM		



Data File Name	: C:\HPCHEM\1\DATA\11-13-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2306 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 01:48 PM		



Data File Name	: C:\HPCHEM\1\DATA\11-13-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 Nov 14 08:59 AM	Analysis Method	: DX.MTH
Report Created on:	13 Nov 14 01:48 PM		

411207

SAMPLE CHAIN OF CUSTODY

ME 11-12-14

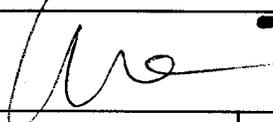
103/vs3
1 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 2

TURNAROUND TIME

Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

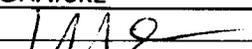
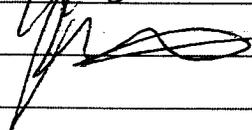
SAMPLE DISPOSAL

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
FEIWSW-52	FEI	52	01A	11/11/14	1450	soil	5					X	
DDIWSW-51	DDI	51	02T	11/11/14	1455	soil	5	X	X	X	X		
IIWSW-52	II	52	03	11/12/14	0725	soil	5					X	
JJ1SSW-51	JJ1	51	04	11/12/14	0730	soil	5					X	
JJ2SSW-48	JJ2	48	05	11/12/14	0740	soil	5					X	
JJ4SSW-49	JJ4	49	06	11/12/14	0745	soil	5					X	
JJ6SSW-50	JJ6	50	07	11/12/14	0750	soil	5	X	X	X	X		
JJ8SSW-50	JJ8	50	08	11/12/14	0800	soil	5					X	
JJ13SSW-45	JJ13	45	09	11/12/14	1100	soil	5					X	
JJ14SSW-45	JJ14	45	10	11/12/14	1105	soil	5					X	
JJ23SSW-48	JJ23	48	11	11/12/14	1330	soil	5	X	X	X	X		
JJ21SSW-48	JJ21	48	12	11/12/14	1335	soil	5					X	
JJ16SSW-48	JJ16	48	13	11/12/14	1345	soil	5					X	

Sample received at 3⁰⁰

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: 	Courtney Porter	SoundEarth	11/17/14	1450
Received by: 	Matthew Johnson	FBT	11/12/14	1450
Relinquished by:				
Received by:				

411207

SAMPLE CHAIN OF CUSTODY ME 11-12-14

03/VS3

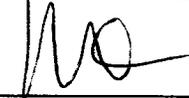
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

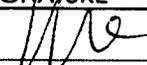
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME	
<input checked="" type="checkbox"/> Standard (2 Weeks)	RUSH _____
Rush charges authorized by: _____	
SAMPLE DISPOSAL	
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ24SSW-48	JJ24	48	14R-E	11/12/14	1400	soil	5					X	
Go 11/12/14													
Samples received at <u>3 °C</u>													

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: 	Courtney Porter	SoundEarth	11/12/14	1450
Received by: 	Jonathan Loeffler	F.P.T.	11/12/14	1450
Relinquished by:				
Received by:				

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 13, 2014 from the SOU_0731-004-05_20141113, F&BI 411233 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 13, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141113, F&BI 411233 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411233 -01	A18NSW-31

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

Date Extracted: 11/14/14

Date Analyzed: 11/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
A18NSW-31 411233-01	<2	104
Method Blank 04-2286 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

Date Extracted: 11/14/14

Date Analyzed: 11/14/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
A18NSW-31 411233-01	<50	<250	103
Method Blank 04-2309 MB2	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A18NSW-31	Client:	SoundEarth Strategies
Date Received:	11/13/14	Project:	SOU_0731-004-05_20141113
Date Extracted:	11/13/14	Lab ID:	411233-01
Date Analyzed:	11/13/14	Data File:	111316.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	97	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141113
Date Extracted:	11/13/14	Lab ID:	04-2212 mb
Date Analyzed:	11/13/14	Data File:	111315.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	98	51	121
4-Bromofluorobenzene	94	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411250-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

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

Laboratory Code: 411225-03 (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	115	114	64-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	119	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411219-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	49	54	10-138	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	66	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	66	64	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	96	95	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	70	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	84	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	81	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	69	67	10-156	3
Benzene	mg/kg (ppm)	2.5	0.15	69	69	29-129	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	71	69	21-139	3
Toluene	mg/kg (ppm)	2.5	2.8	64 b	64 b	35-130	0 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	50	50	20-133	0
Ethylbenzene	mg/kg (ppm)	2.5	3.7	63 b	60 b	32-137	5 b
m,p-Xylene	mg/kg (ppm)	5	14	57 b	54 b	34-136	5 b
o-Xylene	mg/kg (ppm)	2.5	6.9	68 b	65 b	33-134	5 b

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411233

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	89	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	96	47-128
Methylene chloride	mg/kg (ppm)	2.5	114	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Benzene	mg/kg (ppm)	2.5	99	68-114
Trichloroethene	mg/kg (ppm)	2.5	103	64-117
Toluene	mg/kg (ppm)	2.5	102	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	106	72-114
Ethylbenzene	mg/kg (ppm)	2.5	103	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	106	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

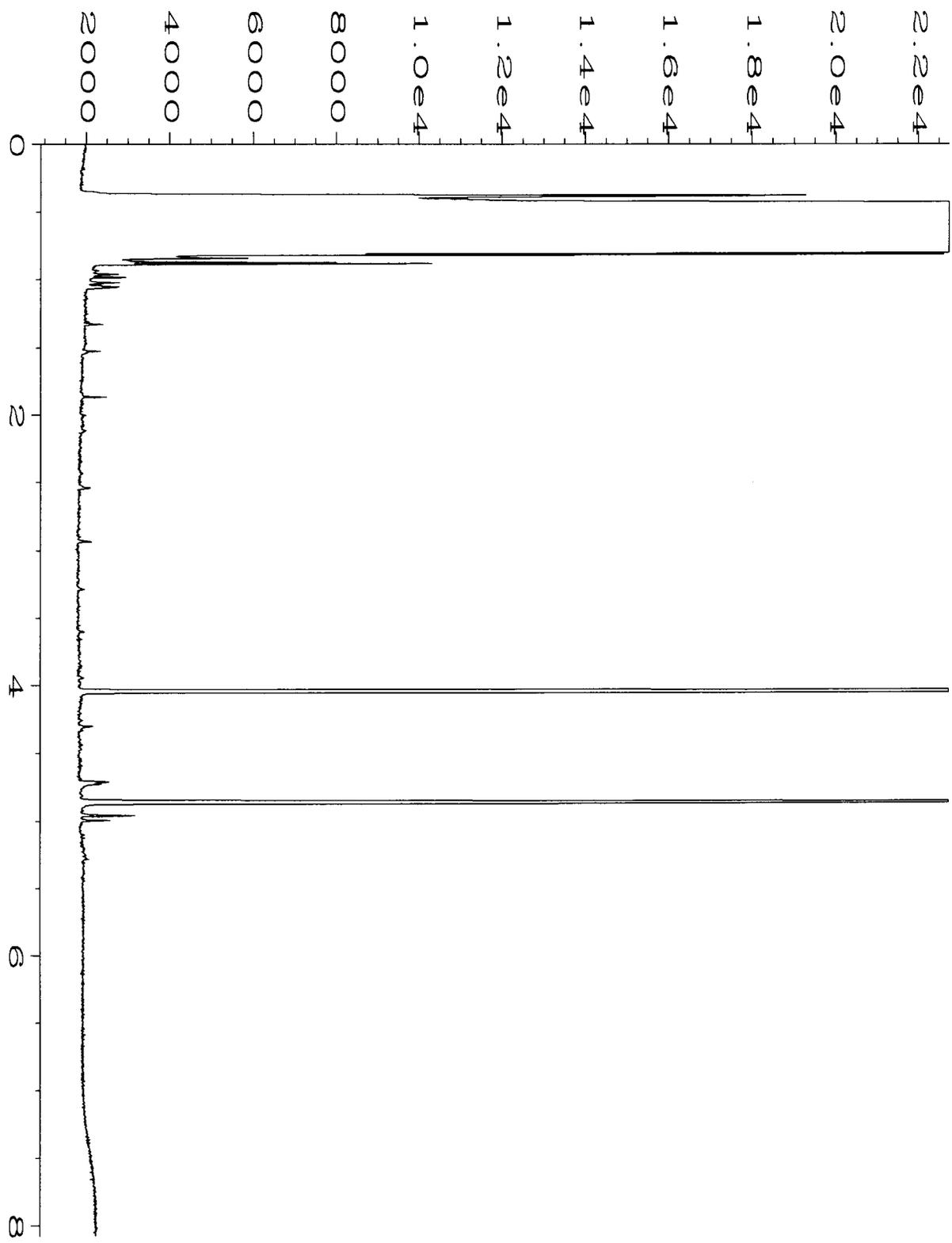
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

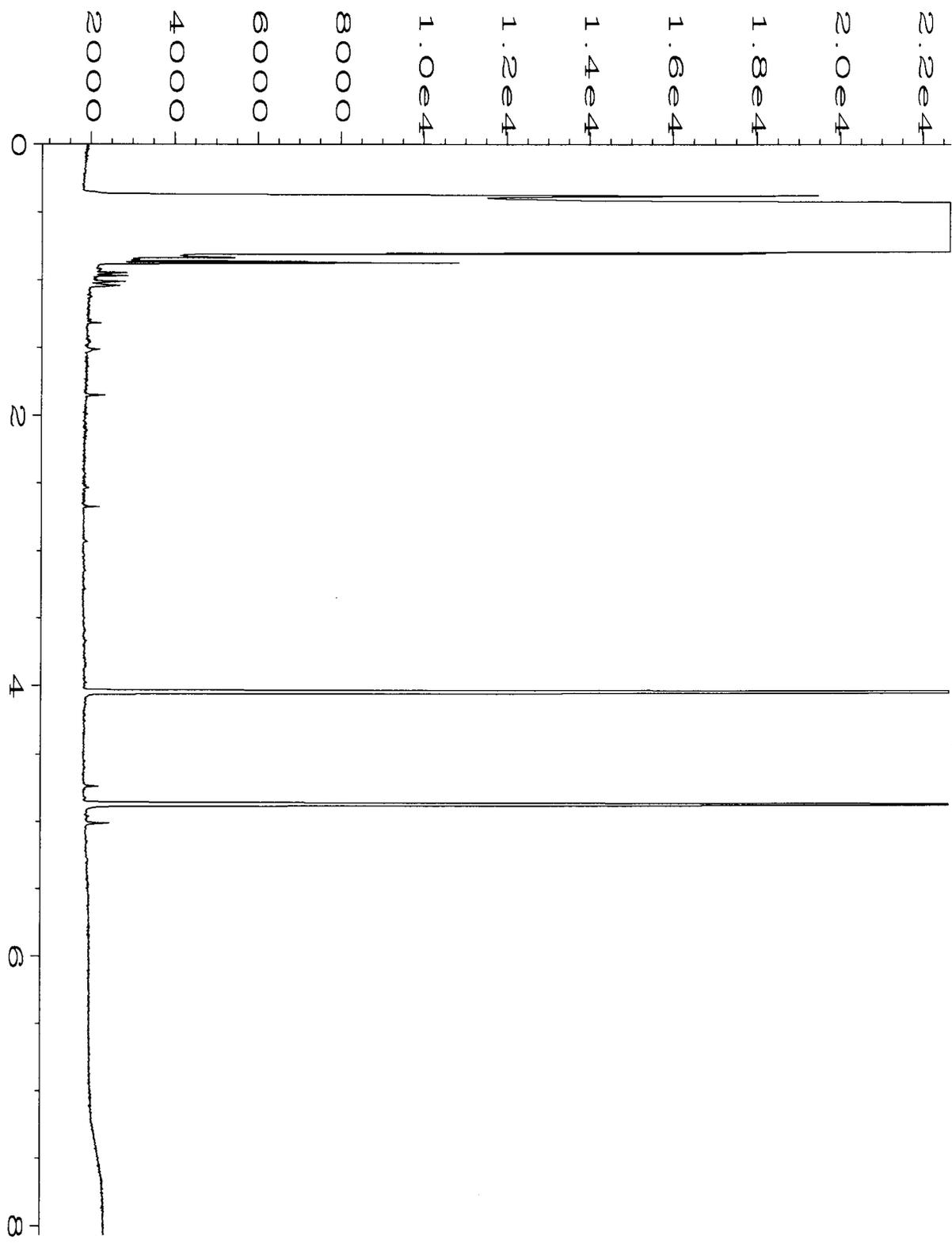
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

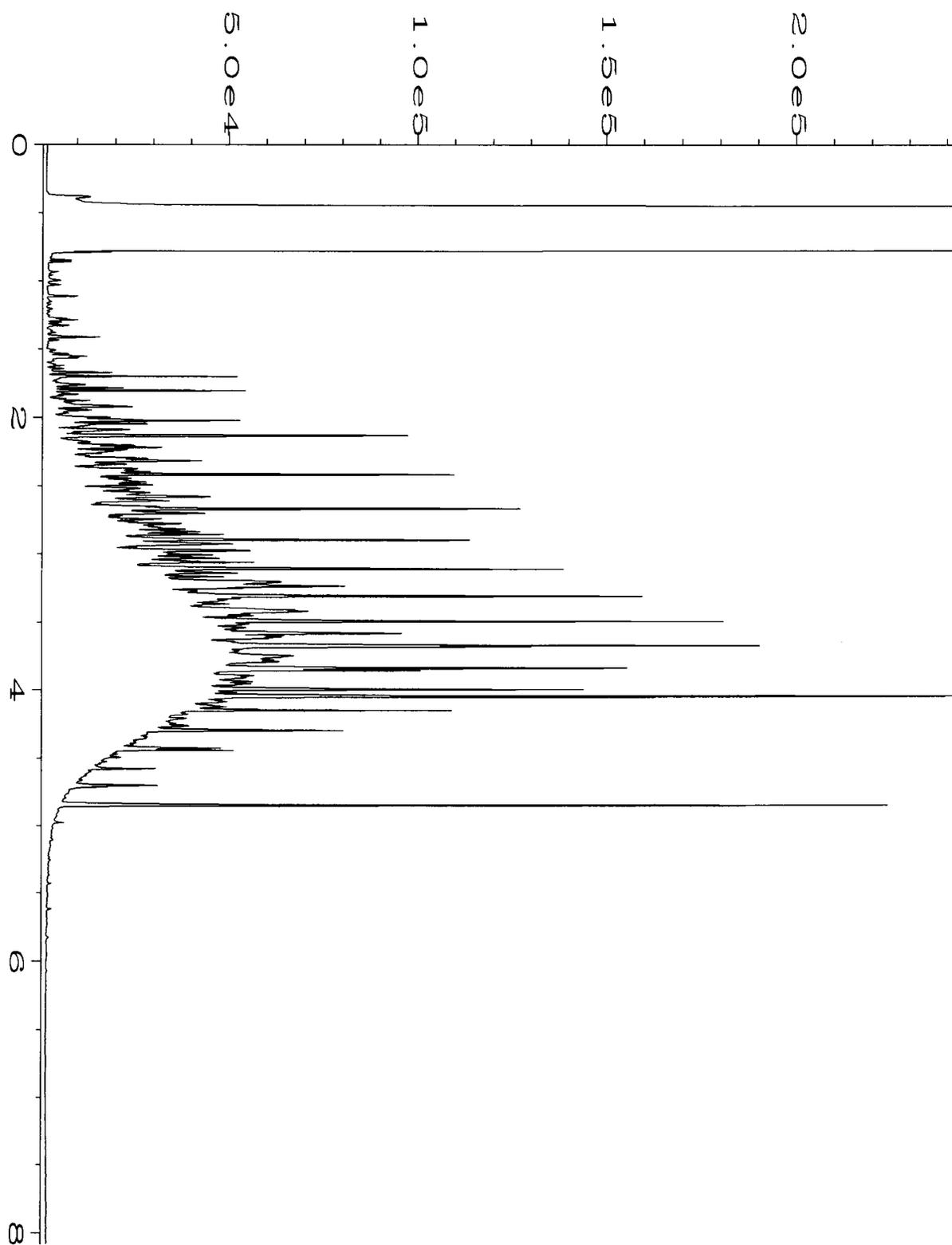
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\4\DATA\11-14-14\010F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411233-01	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Nov 14 11:06 AM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 12:38 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-14-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2309 mb2	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Nov 14 10:13 AM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 12:37 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-14-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 14 Nov 14 09:23 AM	Analysis Method	: DX.MTH
Report Created on:	14 Nov 14 12:37 PM		

411233 (NP)
411333

SAMPLE CHAIN OF CUSTODY

ME 11-13-14

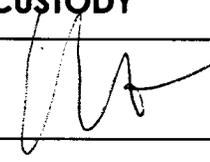
151 / CO1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

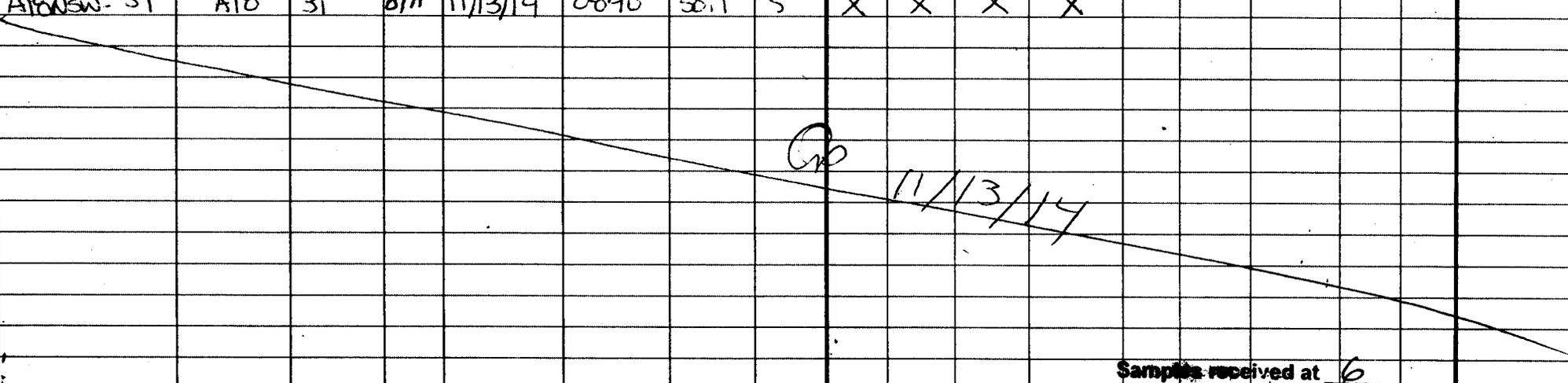
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

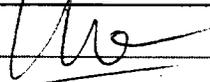
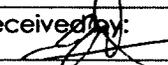
SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u> / CO1 TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C					Notes	
A18NSW-31	A18	31	01A- ^E	11/13/14	0840	soil	5	X	X	X	X						
  GP 11/13/14 																	

Samples received at 6

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: 	Courtney Porter	SoundEarth	11/13/14	1430
Received by: 	Eric Young	F+B	11/13/14	1430
Relinquished by:				
Received by:				

Samples received at 6 °C

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 13, 2014 from the SOU_0731-004-05_20141113, F&BI 411234 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 13, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141113, F&BI 411234 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411234 -01	JJ28SSW-48
411234 -02	JJ30SESW-48
411234 -03	A1NWSW-38
411234 -04	E1WSW-38
411234 -05	F1WSW-38
411234 -06	H1WSW-38
411234 -07	I1WSW-38

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411234

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ30SESW-48 411234-02	<2	100
A1NWSW-38 411234-03	<2	101
F1WSW-38 411234-05	<2	101
Method Blank 04-2339 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411234

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
JJ30SESW-48 411234-02	<50	<250	90
A1NWSW-38 411234-03	<50	<250	88
F1WSW-38 411234-05	<50	<250	80
Method Blank 04-2367 MB	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ30SESW-48	Client:	SoundEarth Strategies
Date Received:	11/13/14	Project:	SOU_0731-004-05_20141113, F&BI 411234
Date Extracted:	11/21/14	Lab ID:	411234-02
Date Analyzed:	11/21/14	Data File:	112108.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	A1NWSW-38	Client:	SoundEarth Strategies
Date Received:	11/13/14	Project:	SOU_0731-004-05_20141113, F&BI 411234
Date Extracted:	11/21/14	Lab ID:	411234-03
Date Analyzed:	11/21/14	Data File:	112109.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F1WSW-38	Client:	SoundEarth Strategies
Date Received:	11/13/14	Project:	SOU_0731-004-05_20141113, F&BI 411234
Date Extracted:	11/21/14	Lab ID:	411234-05
Date Analyzed:	11/21/14	Data File:	112110.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141113, F&BI 411234
Date Extracted:	11/21/14	Lab ID:	04-2322 mb2
Date Analyzed:	11/21/14	Data File:	112105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411234

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411234-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411234

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

Laboratory Code: 411378-02 (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	12,000	93 b	47 b	63-146	66 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/13/14

Project: SOU_0731-004-05_20141113, F&BI 411234

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411343-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	52	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	67	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	75	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	88	10-156	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	80	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	84	19-140	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	91	25-135	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	88	12-160	11
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	84	10-156	11
Benzene	mg/kg (ppm)	2.5	<0.03	78	85	29-129	9
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	90	21-139	11
Toluene	mg/kg (ppm)	2.5	<0.05	79	87	35-130	10
Tetrachloroethene	mg/kg (ppm)	2.5	0.032	83	90	20-133	8
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	88	32-137	10
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	88	34-136	8
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	90	33-134	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	82	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	47-128
Methylene chloride	mg/kg (ppm)	2.5	103	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	96	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	96	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

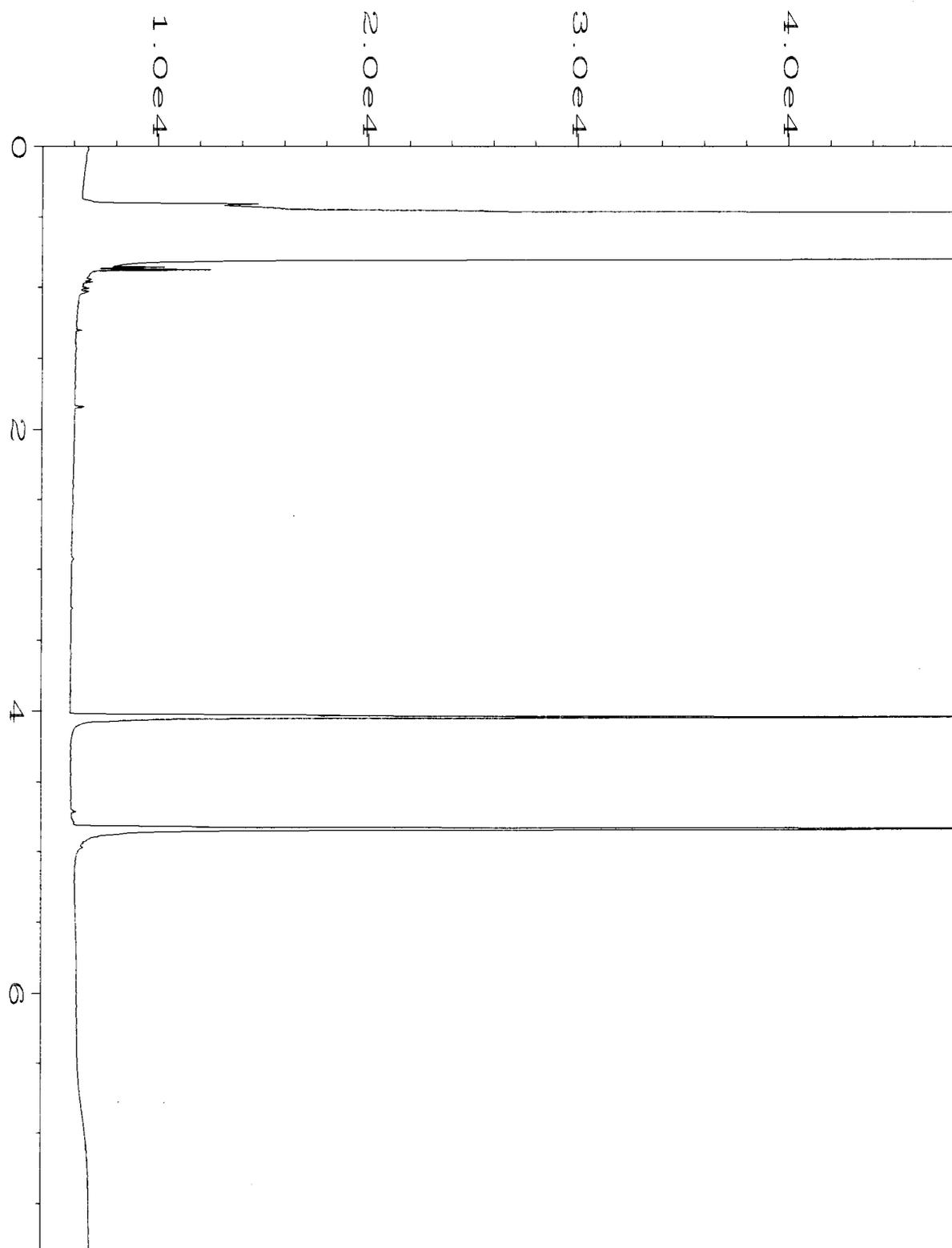
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

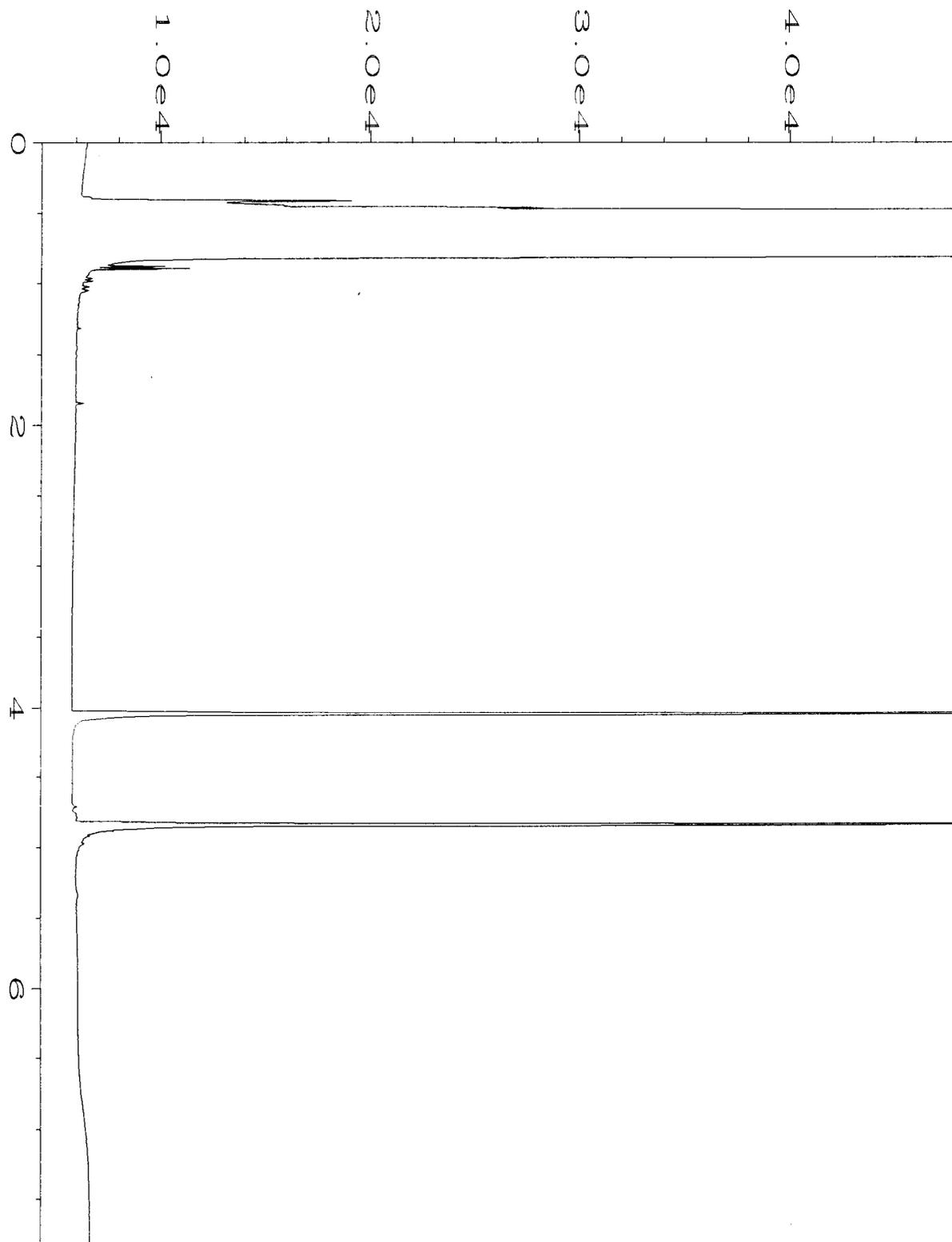
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

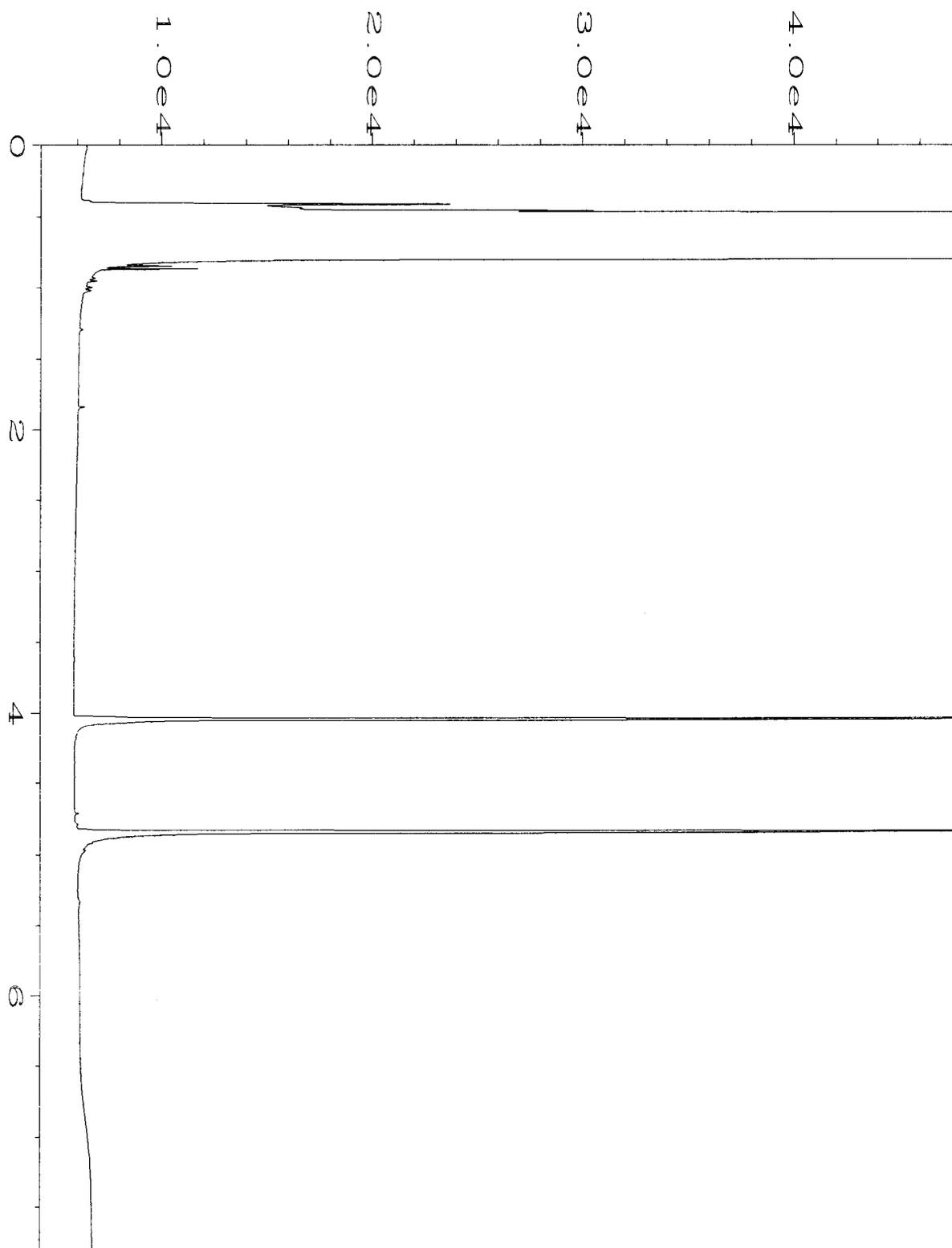
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



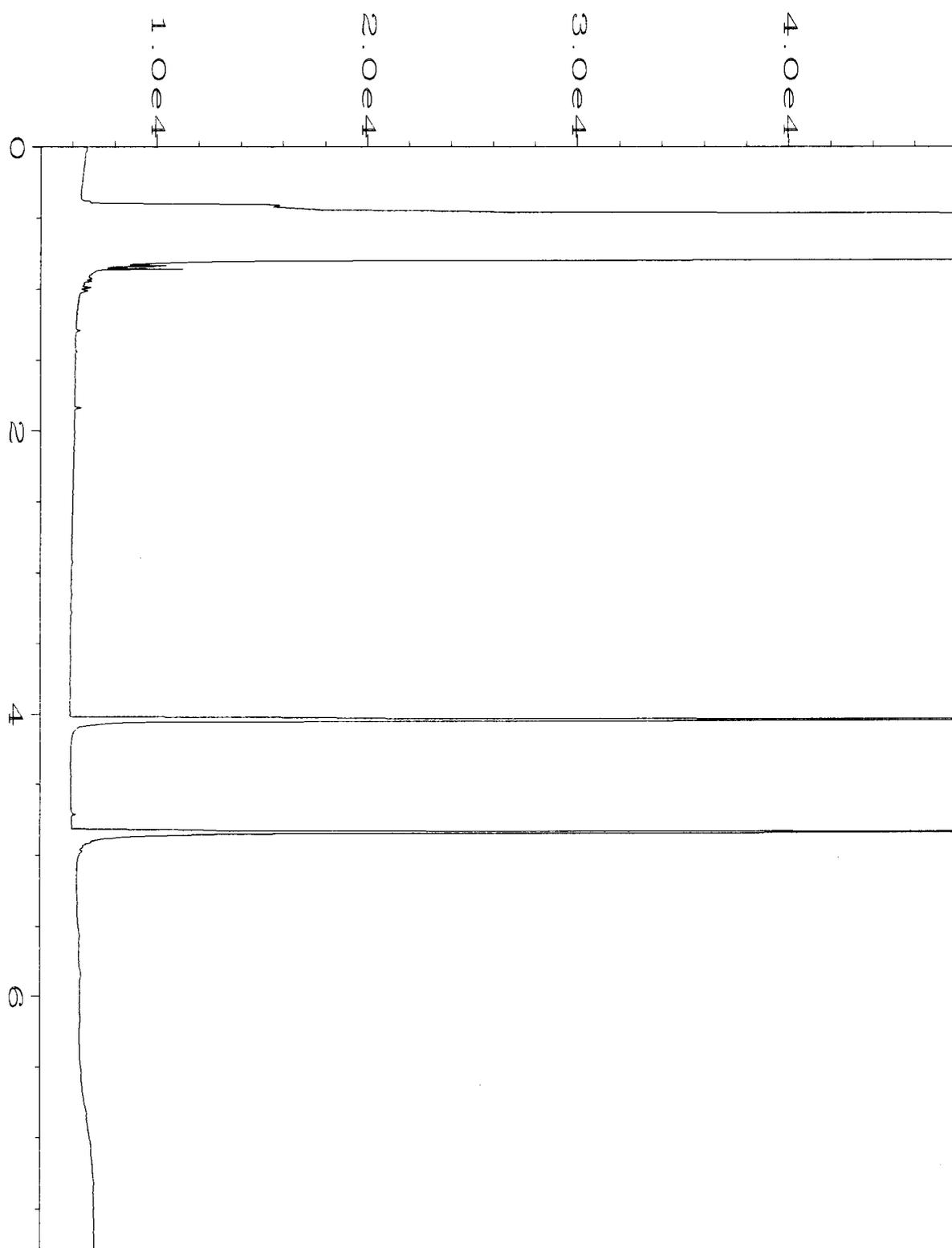
Data File Name	: C:\HPCHEM\1\DATA\11-21-14\055F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 55
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411234-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 08:56 PM	Analysis Method	: END.MTH
Report Created on:	24 Nov 14 11:15 AM		



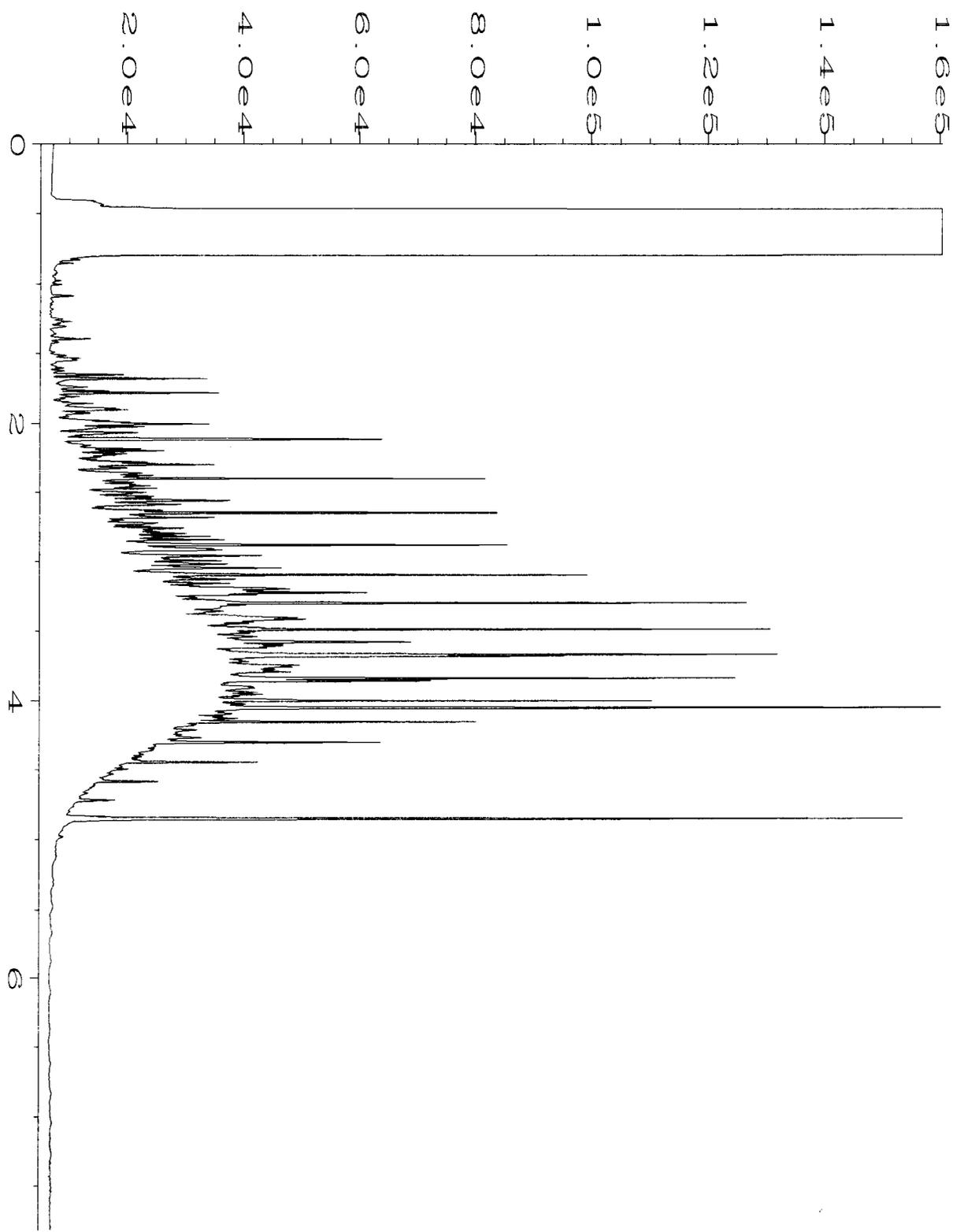
Data File Name	: C:\HPCHEM\1\DATA\11-21-14\056F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 56
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411234-03	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:09 PM	Analysis Method	: END.MTH
Report Created on:	24 Nov 14 11:15 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\057F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 57
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411234-05	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:21 PM	Analysis Method	: END.MTH
Report Created on:	24 Nov 14 11:15 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\050F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 50
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2367 mb	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 07:51 PM	Analysis Method	: END.MTH
Report Created on:	24 Nov 14 11:15 AM		



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:12 AM	Analysis Method	: END.MTH
Report Created on:	24 Nov 14 11:15 AM		

411234

~~411334~~

SAMPLE CHAIN OF CUSTODY

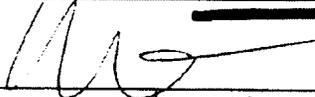
ME 11-13-14

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Run per PJK on 11/20/14	EIM Y

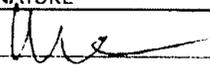
Page # 1 of 1 CTD / VS2

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	FIELD	Notes
JJ28SW-4E	JJ28	4E	01 ^A	11/13/14	0850	Soil	5					X	
JJ30SE3W-4E	JJ30	4E	02	11/13/14	0855	Soil	5	⊗	⊗	⊗	⊗	X	
AINWSW-3E	A1	3E	03	11/13/14	1235	Soil	5	⊗	⊗	⊗	⊗	X	
E1WSW-3E	E1	3E	04	11/13/14	1240	Soil	5					X	
F1WSW-3E	F1	3E	05	11/13/14	1250	Soil	5	⊗	⊗	⊗	⊗	X	
H1WSW-3E	H1	3E	06	11/13/14	1255	Soil	5					X	
I1WSW-3E	I1	3E	07	11/13/14	1305	Soil	5					X	
GP 11/13/14													

Samples received at 6 °C

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: 	Courtney Porter	SoundEarth	11/13/14	10??
Received by: 	Jonathan Loeffler	FAB	11/20/14	1050
Relinquished by:				
Received by:				

Samples received at 6 °C

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

November 19, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 14, 2014 from the SOU_0731-004-05_20141114, F&BI 411254 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 14, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141114, F&BI 411254 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411254 -01	L17-30

The NWPTH-Gx sample was not received in a 5035 sampling container. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/14/14

Project: SOU_0731-004-05_20141114, F&BI 411254

Date Extracted: 11/14/14

Date Analyzed: 11/14/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
L17-30 pc 411254-01 1/10	1,300	ip
Method Blank 04-2286 MB	<2	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/19/14

Date Received: 11/14/14

Project: SOU_0731-004-05_20141114, F&BI 411254

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411250-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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 WE 11-14-14

COL 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hr 7AM
 Rush charges authorized by:
[Signature]

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
L17-30	L17	30'	01	11/14/14	1040	SOIL	1	X											

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
<i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	11/14/14	1340
<i>[Signature]</i>	SARAH BRUYA	F&B	11/14	1240
Received by:				
				Samples received at <u>6</u> °C

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 17, 2014 from the SOU_0731-004-05_20141117, F&BI 411288 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 17, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141117, F&BI 411288 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411288-01	JJ21SSW-43
411288-02	JJ23SSW-43
411288-03	JJ24SSW-43
411288-04	JJ28SSW-43
411288-05	JJ30SESW-43
411288-06	U30ESW-43

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/17/14

Project: SOU_0731-004-05_20141117, F&BI 411288

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
U30ESW-43 411288-06	<2	99
Method Blank 04-2339 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/17/14

Project: SOU_0731-004-05_20141117, F&BI 411288

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
U30ESW-43 411288-06	<50	<250	95
Method Blank 04-2369 MB	<50	<250	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U30ESW-43	Client:	SoundEarth Strategies
Date Received:	11/17/14	Project:	SOU_0731-004-05_20141117, F&BI 411288
Date Extracted:	11/21/14	Lab ID:	411288-06
Date Analyzed:	11/21/14	Data File:	112111.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141117, F&BI 411288
Date Extracted:	11/21/14	Lab ID:	04-2322 mb2
Date Analyzed:	11/21/14	Data File:	112105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/17/14

Project: SOU_0731-004-05_20141117, F&BI 411288

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411234-02 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/17/14

Project: SOU_0731-004-05_20141117, F&BI 411288

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

Laboratory Code: 411288-06 (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	96	63-146	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	95	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/17/14

Project: SOU_0731-004-05_20141117, F&BI 411288

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411343-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	52	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	67	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	75	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	88	10-156	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	80	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	84	19-140	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	91	25-135	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	88	12-160	11
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	84	10-156	11
Benzene	mg/kg (ppm)	2.5	<0.03	78	85	29-129	9
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	90	21-139	11
Toluene	mg/kg (ppm)	2.5	<0.05	79	87	35-130	10
Tetrachloroethene	mg/kg (ppm)	2.5	0.032	83	90	20-133	8
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	88	32-137	10
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	88	34-136	8
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	90	33-134	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	82	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	47-128
Methylene chloride	mg/kg (ppm)	2.5	103	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	96	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	96	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

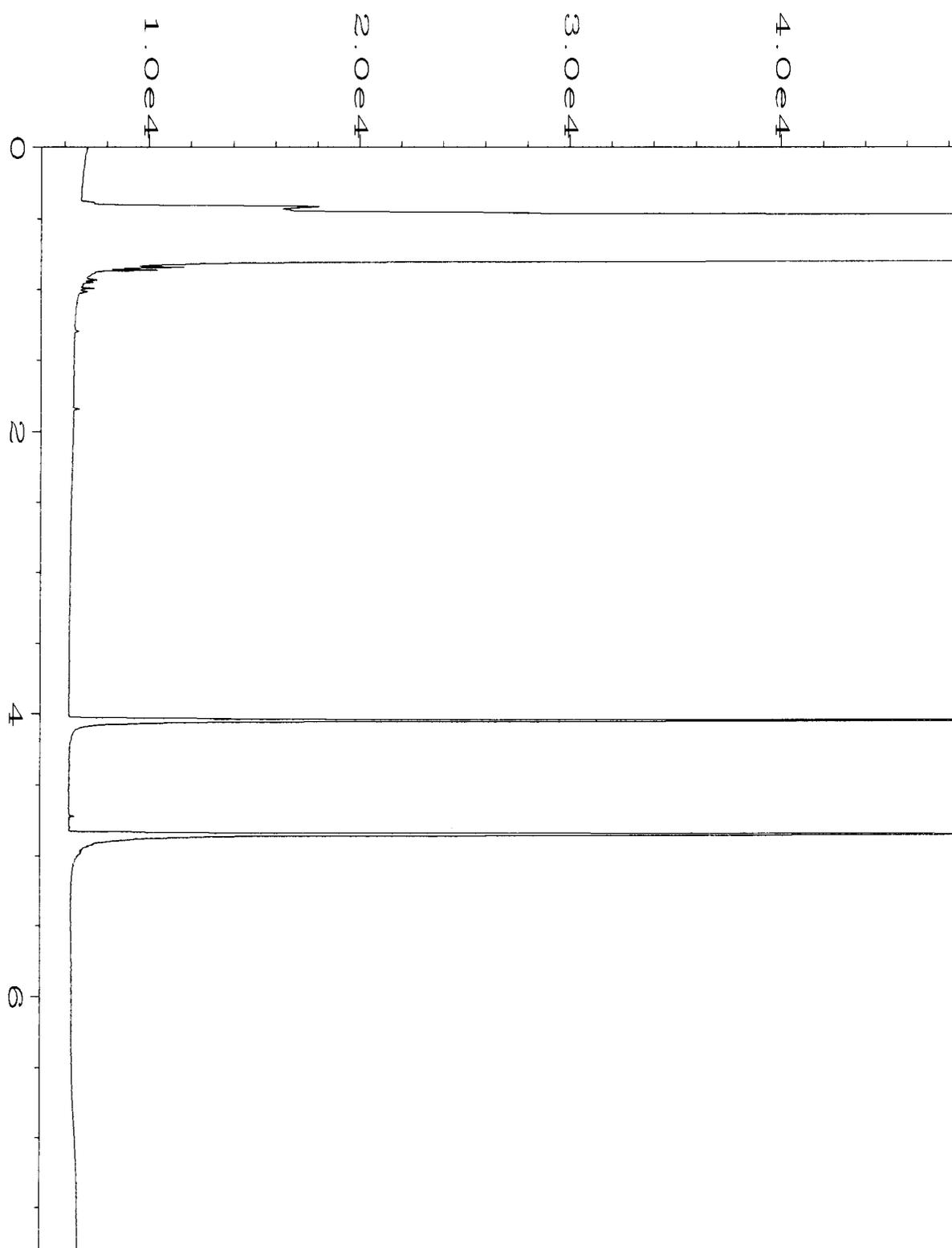
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

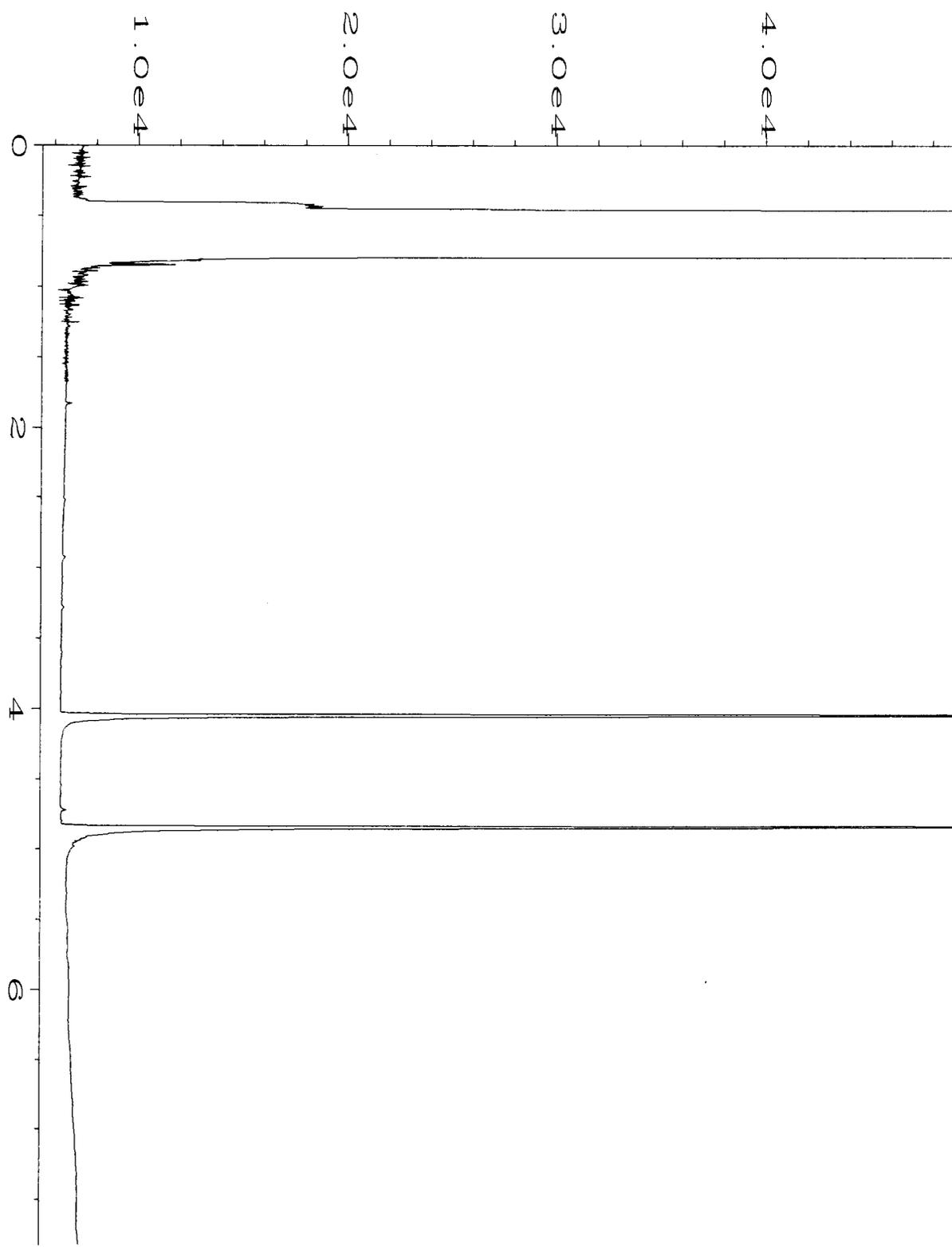
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

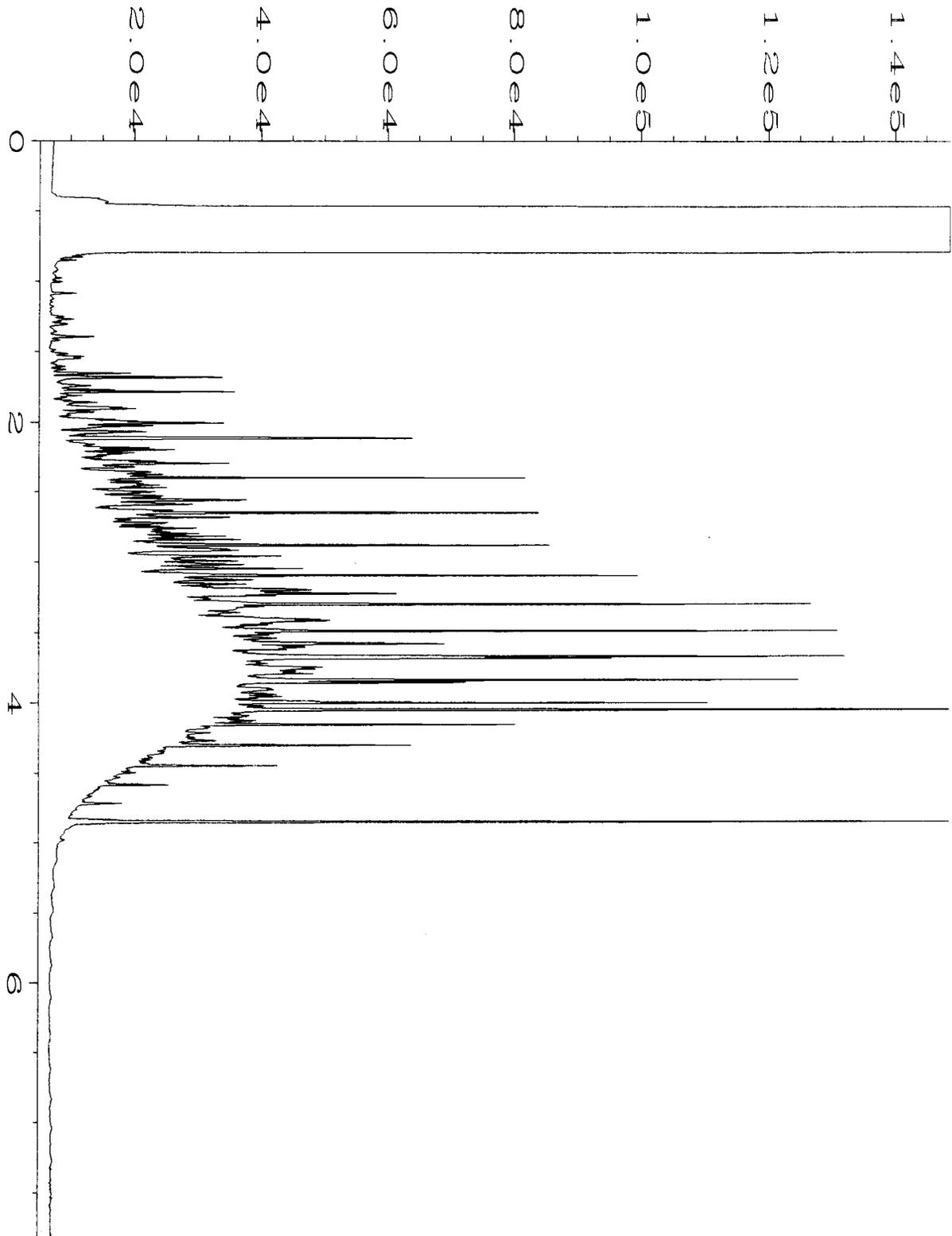
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\010F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 10
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411288-06	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 10:20 AM	Analysis Method	: END.MTH
Report Created on:	21 Nov 14 12:49 PM		



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2369 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:33 AM	Analysis Method	: END.MTH
Report Created on:	21 Nov 14 12:48 PM		



Data File Name	: C:\HPCHEM\1\DATA\11-21-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:12 AM	Analysis Method	: END.MTH
Report Created on:	21 Nov 14 12:48 PM		

411288

Send report to: Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLE CHAIN OF CUSTODY

ME 11-17-14 1 of 1 USG/DO

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS Ⓢ = Run per Tikon 11/20/14	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) <input type="checkbox"/> RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by MWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by MWTPH-Dx	VOCs by EPA 8260C	HOLD	Notes
JJ21SSW-43	JJ21 SSW	43'	01	11/17/14	0825	SOIL	5					X	
JJ23SSW-43	JJ23 SSW	43'	02	11/17/14	0840	SOIL	5					X	
JJ24SSW-43	JJ24 SSW	43'	03	11/17/14	0850	SOIL	5					X	
JJ28SSW-43	JJ28 SSW	43'	04	11/17/14	0900	SOIL	5					X	
JJ30ESW-43	JJ30 ESW	43'	05	11/17/14	0910	SOIL	5					X	
U30ESW-43	U30 ESW	43'	06	11/17/14	1330	SOIL	5	Ⓢ	Ⓢ	Ⓢ	Ⓢ	X	
<i>[Signature]</i> 11/17/14													

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
<i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	11/17/14	1506
<i>[Signature]</i>	M. H. Kingston	FRT Inc	11/17/14	1506
Received by:				
Samples received at 5				

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

November 24, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 18, 2014 from the SOU_0731-004-05_20141118, F&BI 411303 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1124R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141118, F&BI 411303 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411303 -01	EE1WSW-47
411303 -02	DD1WSW-46
411303 -03	CC1WSW-48
411303 -04	AA1WSW-46
411303 -05	Z1WSW-45

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/14

Date Received: 11/18/14

Project: SOU_0731-004-05_20141118, F&BI 411303

Date Extracted: 11/19/14

Date Analyzed: 11/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
DD1WSW-46 411303-02	<2	83
CC1WSW-48 411303-03	<2	101
AA1WSW-46 411303-04	<2	100
Z1WSW-45 411303-05	<2	101
Method Blank 04-2336 MB	<2	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/14

Date Received: 11/18/14

Project: SOU_0731-004-05_20141118, F&BI 411303

Date Extracted: 11/19/14

Date Analyzed: 11/19/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
DD1WSW-46 411303-02	<50	<250	90
CC1WSW-48 411303-03	<50	<250	85
AA1WSW-46 411303-04	<50	<250	86
Z1WSW-45 411303-05	<50	<250	96
Method Blank 04-2353 MB	<50	<250	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-46	Client:	SoundEarth Strategies
Date Received:	11/18/14	Project:	SOU_0731-004-05_20141118, F&BI 411303
Date Extracted:	11/19/14	Lab ID:	411303-02
Date Analyzed:	11/19/14	Data File:	111912.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-48	Client:	SoundEarth Strategies
Date Received:	11/18/14	Project:	SOU_0731-004-05_20141118, F&BI 411303
Date Extracted:	11/19/14	Lab ID:	411303-03
Date Analyzed:	11/19/14	Data File:	111913.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-46	Client:	SoundEarth Strategies
Date Received:	11/18/14	Project:	SOU_0731-004-05_20141118, F&BI 411303
Date Extracted:	11/19/14	Lab ID:	411303-04
Date Analyzed:	11/19/14	Data File:	111914.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-45	Client:	SoundEarth Strategies
Date Received:	11/18/14	Project:	SOU_0731-004-05_20141118, F&BI 411303
Date Extracted:	11/19/14	Lab ID:	411303-05
Date Analyzed:	11/19/14	Data File:	111915.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.043

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141118, F&BI 411303
Date Extracted:	11/19/14	Lab ID:	04-2321 mb
Date Analyzed:	11/19/14	Data File:	111906.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/14

Date Received: 11/18/14

Project: SOU_0731-004-05_20141118, F&BI 411303

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411314-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/14

Date Received: 11/18/14

Project: SOU_0731-004-05_20141118, F&BI 411303

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

Laboratory Code: 411302-01 (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	63-146	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	92	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/14

Date Received: 11/18/14

Project: SOU_0731-004-05_20141118, F&BI 411303

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411303-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	53	49	10-138	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	59	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	69	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	85	10-156	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	75	14-137	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	79	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	85	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	83	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	77	10-156	3
Benzene	mg/kg (ppm)	2.5	<0.03	82	80	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	88	87	21-139	1
Toluene	mg/kg (ppm)	2.5	<0.05	86	85	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	92	89	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	87	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	87	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	90	33-134	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	79	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	97	47-128
Methylene chloride	mg/kg (ppm)	2.5	108	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	102	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	107	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	103	62-131
Benzene	mg/kg (ppm)	2.5	102	68-114
Trichloroethene	mg/kg (ppm)	2.5	106	64-117
Toluene	mg/kg (ppm)	2.5	100	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	106	72-114
Ethylbenzene	mg/kg (ppm)	2.5	102	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	103	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

1.004
2.004
3.004
4.004

Data File Name : C:\HPCHEM\1\DATA\11-19-14\017F0501.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 17
Sample Name : 411303-02 Injection Number : 1
Run Time Bar Code: Sequence Line : 5
Acquired on : 19 Nov 14 12:47 PM Instrument Method: DX.MTH
Report Created on: 20 Nov 14 08:46 AM Analysis Method : END.MTH

1.000
2.000
3.000
4.000

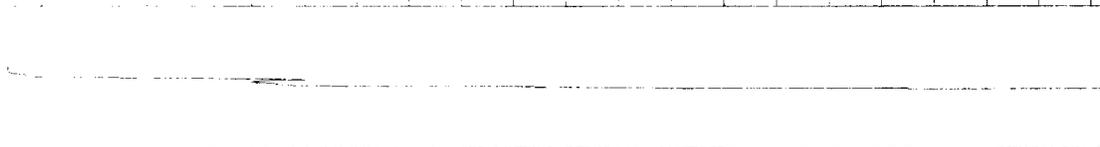
Data File Name : C:\HPCHEM\1\DATA\11-19-14\018F0501.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 18
Sample Name : 411303-03 Injection Number : 1
Run Time Bar Code: Sequence Line : 5
Acquired on : 19 Nov 14 12:59 PM Instrument Method: DX.MTH
Report Created on: 20 Nov 14 08:47 AM Analysis Method : END.MTH

1.0000

2.0000

3.0000

4.0000



100

10

0.1

Data File Name : C:\HPCHEM\1\DATA\11-19-14\019F0501.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 19
Sample Name : 411303-04 Injection Number : 1
Run Time Bar Code: Sequence Line : 5
Acquired on : 19 Nov 14 01:11 PM Instrument Method: DX.MTH
Report Created on: 20 Nov 14 08:47 AM Analysis Method : END.MTH

1.0e4

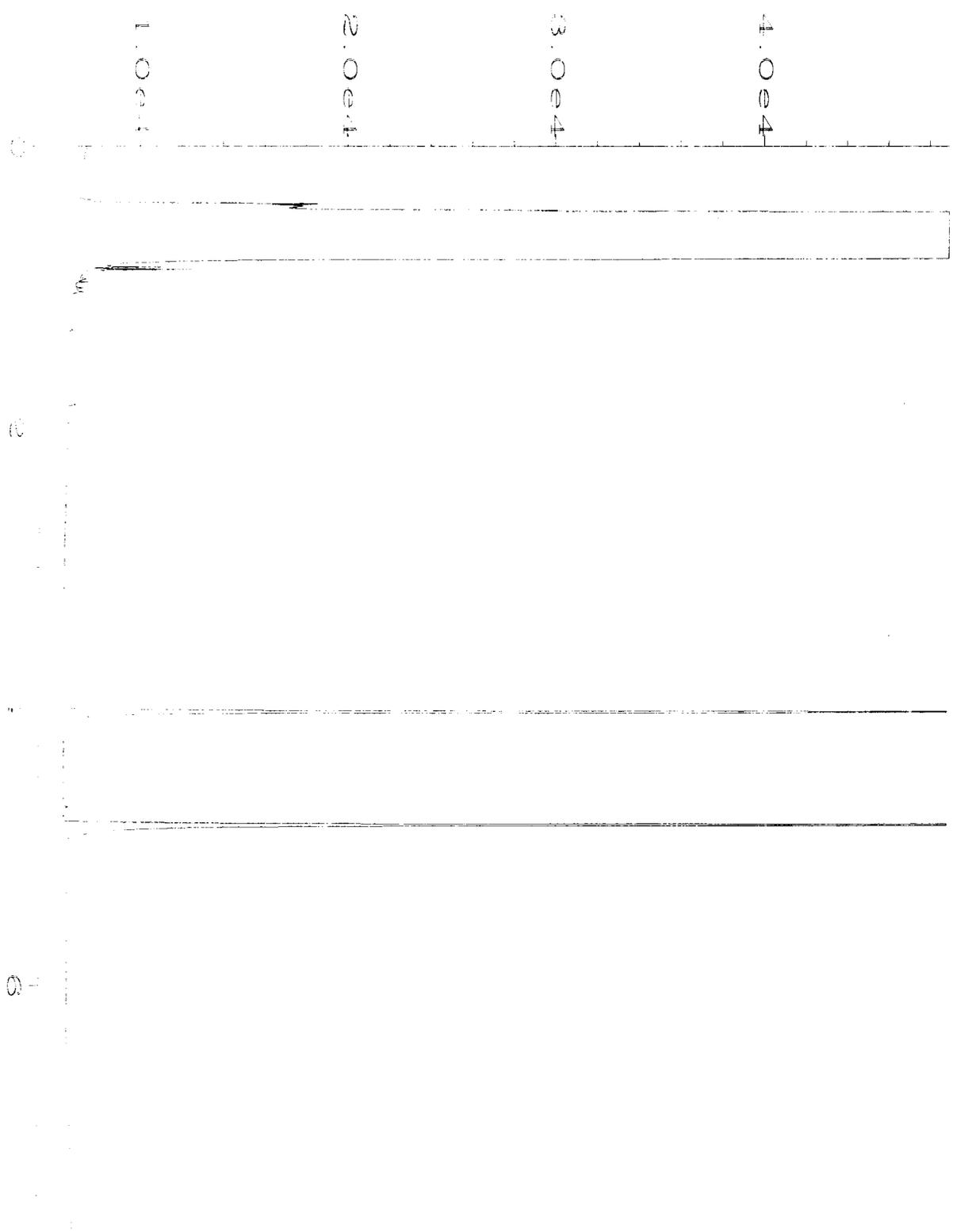
1.0e4

1.0e4

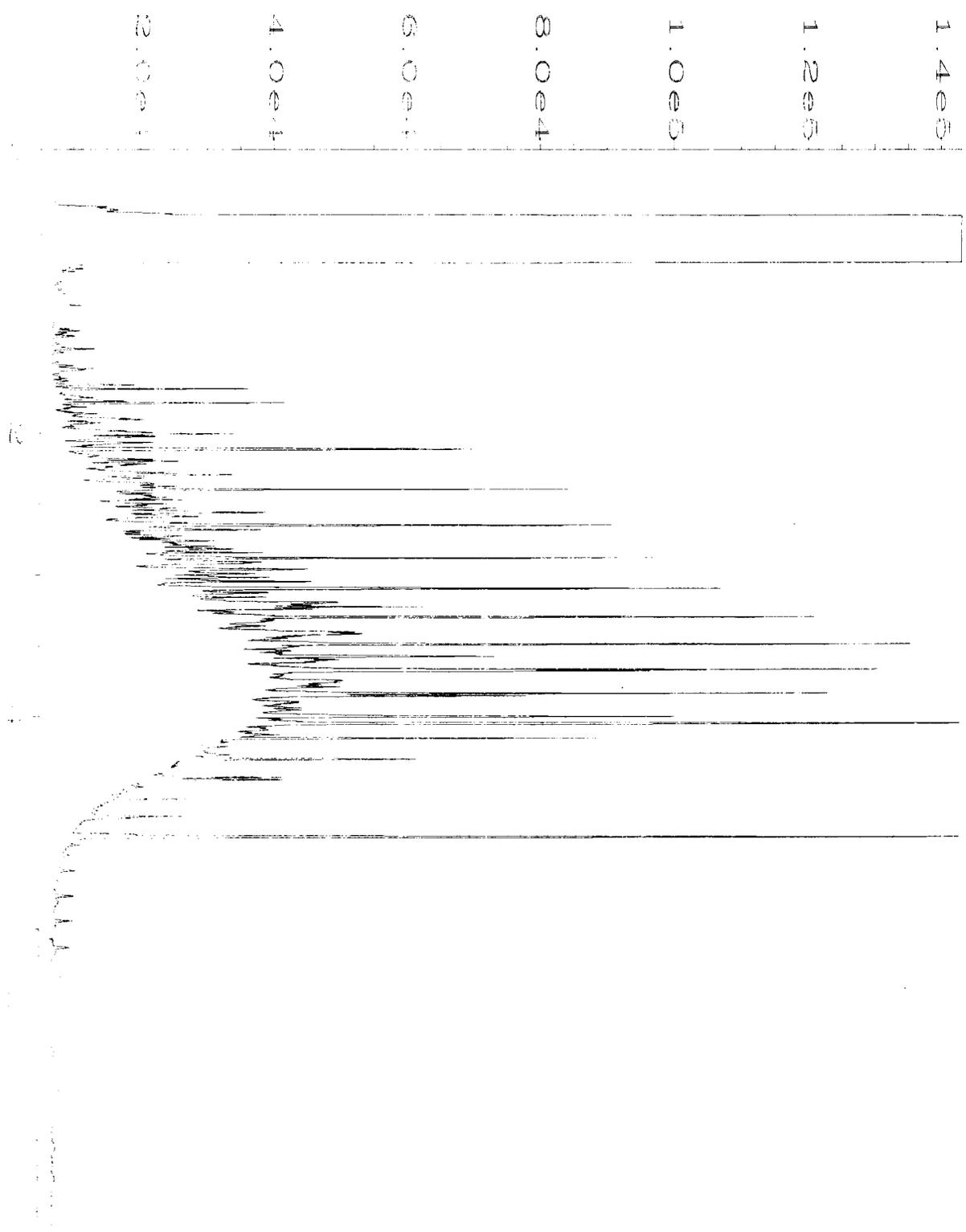
1.0e4



Data File Name : C:\HPCHEM\1\DATA\11-19-14\020F0501.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 20
Sample Name : 411303-05 Injection Number : 1
Run Time Bar Code : Sequence Line : 5
Acquired on : 19 Nov 14 01:23 PM Instrument Method: DX.MTH
Report Created on: 20 Nov 14 08:47 AM Analysis Method : END.MTH



Data File Name : C:\HPCHEM\1\DATA\11-19-14\008F0301.D
Operator : mwdl Page Number : 1
Instrument : GC1 Vial Number : 8
Sample Name : 04-2353 mb Injection Number : 1
Run Time Bar Code: Sequence Line : 3
Acquired on : 19 Nov 14 10:25 AM Instrument Method: DX.MTH
Report Created on: 20 Nov 14 08:47 AM Analysis Method : END.MTH



Data File Name	: C:\HPCHEM\1\DATA\11-19-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Nov 14 09:48 AM	Analysis Method	: END.MTH
Report Created on:	20 Nov 14 08:47 AM		

411303

SAMPLE CHAIN OF CUSTODY

ME 11-18-14

VSI/DO1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Troy Laundry Property PO # 0731-004-05

REMARKS EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
EE1WSW-47	EE1 WSW	47'	01E	11/18/14	0935	SOIL	5					X	
DD1WSW-46	DD1 WSW	46'	02		0945	SOIL	5	X	X	X	X		
CC1WSW-48	CC1 WSW	48'	03		0955	SOIL	5	X	X	X	X		
AA1WSW-46	AA1 WSW	46'	04		1010	SOIL	5	X	X	X	X		
Z1WSW-45	Z1 WSW	45'	05		1045	SOIL	5	X	X	X	X		
<u>[Signature]</u>													
11/18/14													

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: <u>[Signature]</u>	JONATHAN LOEFFLER	SOUNDEARTH	11/18/14	1355
Received by: <u>[Signature]</u>	<u>[Signature]</u>	FBI/Inc	11/18/14	1355
Relinquished by:				
Received by:				Samples received at <u>3</u>

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

November 20, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 19, 2014 from the SOU_0731-004-05_20141119, F&BI 411342 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1120R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 19, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141119, F&BI 411342 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411342-01	G17-32.5
411342-02	F17-31.5
411342-03	F17-31
411342-04	E17-27
411342-05	C17-27

The NWPTH-Gx samples were not received in 5035 sampling containers. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/20/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411342

Date Extracted: 11/20/14

Date Analyzed: 11/20/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
F17-31.5 pc 411342-02	46	109
E17-27 pc 411342-04	<2	90
Method Blank 04-2337 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/20/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411342

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411342-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	75	61-153

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

411342

SAMPLE CHAIN OF CUSTODY

ME 11-19-14

Page # 1 of 1 ~~5~~ DOI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

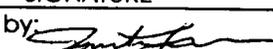
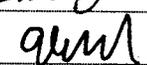
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
G17-32.5	G17	32.5'	01	11/19/14	1430	SOIL	5					X	
F17-31.5	F17	31.5'	02		1440	SOIL	5	X					F17-31.5
F17-31	F17	31'	03		1442	SOIL	5					X	
E17-27	E17	27'	04		1500	SOIL	5	X					
C17-27	C17	27'	05		1535	SOIL	5					X	
													
Samples received at <u>5⁰⁰</u> <u>11/19/14</u>													

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: 	JONATHAN LOEFFLER	SOUNDEARTH	11/19/14	1711
Received by: 	KING	FBI	11/19/14	1711
Relinquished by:				
Received by:				

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 19, 2014 from the SOU_0731-004-05_20141119, F&BI 411343 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 19, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141119, F&BI 411343 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411343-01	U1WSW-43
411343-02	II1WSW-47
411343-03	JJ1SWSW-47
411343-04	Y1WSW-45
411343-05	V1WSW-44

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411343

Date Extracted: 11/20/14

Date Analyzed: 11/20/14 and 11/21/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
U1WSW-43 411343-01	<2	100
Y1WSW-45 411343-04	<2	86
V1WSW-44 411343-05	<2	91
Method Blank 04-2337 MB	<2	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411343

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
U1WSW-43 411343-01	<50	<250	105
Y1WSW-45 411343-04	<50	<250	98
V1WSW-44 411343-05	<50	<250	109
Method Blank 04-2368 MB	<50	<250	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-43	Client:	SoundEarth Strategies
Date Received:	11/19/14	Project:	SOU_0731-004-05_20141119, F&BI 411343
Date Extracted:	11/20/14	Lab ID:	411343-01
Date Analyzed:	11/20/14	Data File:	112011.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-45	Client:	SoundEarth Strategies
Date Received:	11/19/14	Project:	SOU_0731-004-05_20141119, F&BI 411343
Date Extracted:	11/20/14	Lab ID:	411343-04
Date Analyzed:	11/20/14	Data File:	112012.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	0.023
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-44	Client:	SoundEarth Strategies
Date Received:	11/19/14	Project:	SOU_0731-004-05_20141119, F&BI 411343
Date Extracted:	11/20/14	Lab ID:	411343-05
Date Analyzed:	11/20/14	Data File:	112013.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	0.051
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141119, F&BI 411343
Date Extracted:	11/20/14	Lab ID:	04-2322 mb
Date Analyzed:	11/20/14	Data File:	112008.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411343

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411342-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	75	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411343

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

Laboratory Code: 411375-13 (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	96	94	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	99	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/19/14

Project: SOU_0731-004-05_20141119, F&BI 411343

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411343-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	52	10-138	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	67	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	75	10-160	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	82	88	10-156	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	80	14-137	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	84	19-140	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	91	25-135	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	88	12-160	11
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	75	84	10-156	11
Benzene	mg/kg (ppm)	2.5	<0.03	78	85	29-129	9
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	90	21-139	11
Toluene	mg/kg (ppm)	2.5	<0.05	79	87	35-130	10
Tetrachloroethene	mg/kg (ppm)	2.5	0.032	83	90	20-133	8
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	88	32-137	10
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	88	34-136	8
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	90	33-134	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	74	22-139
Chloroethane	mg/kg (ppm)	2.5	82	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	47-128
Methylene chloride	mg/kg (ppm)	2.5	103	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	62-131
Benzene	mg/kg (ppm)	2.5	96	68-114
Trichloroethene	mg/kg (ppm)	2.5	104	64-117
Toluene	mg/kg (ppm)	2.5	96	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	102	72-114
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

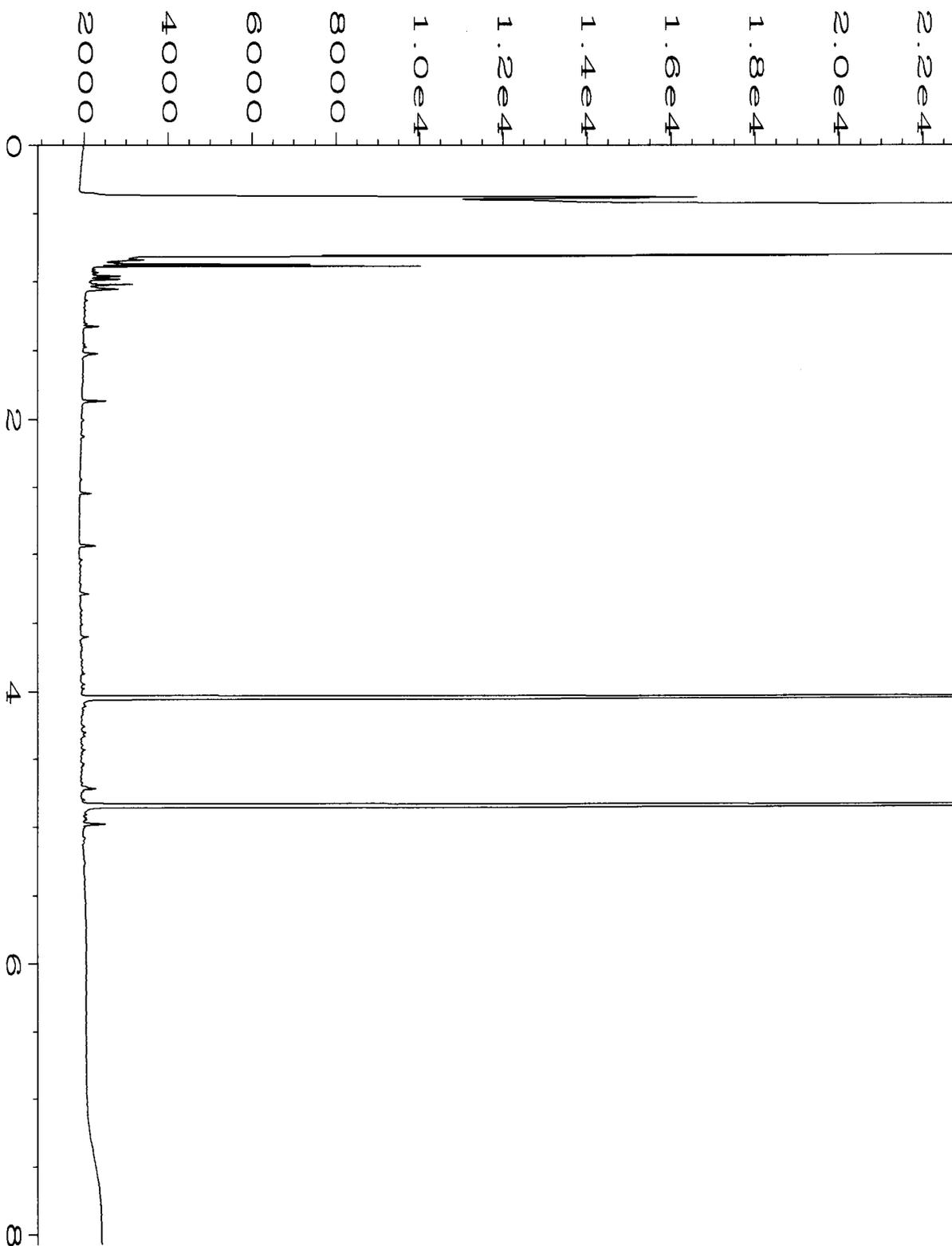
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

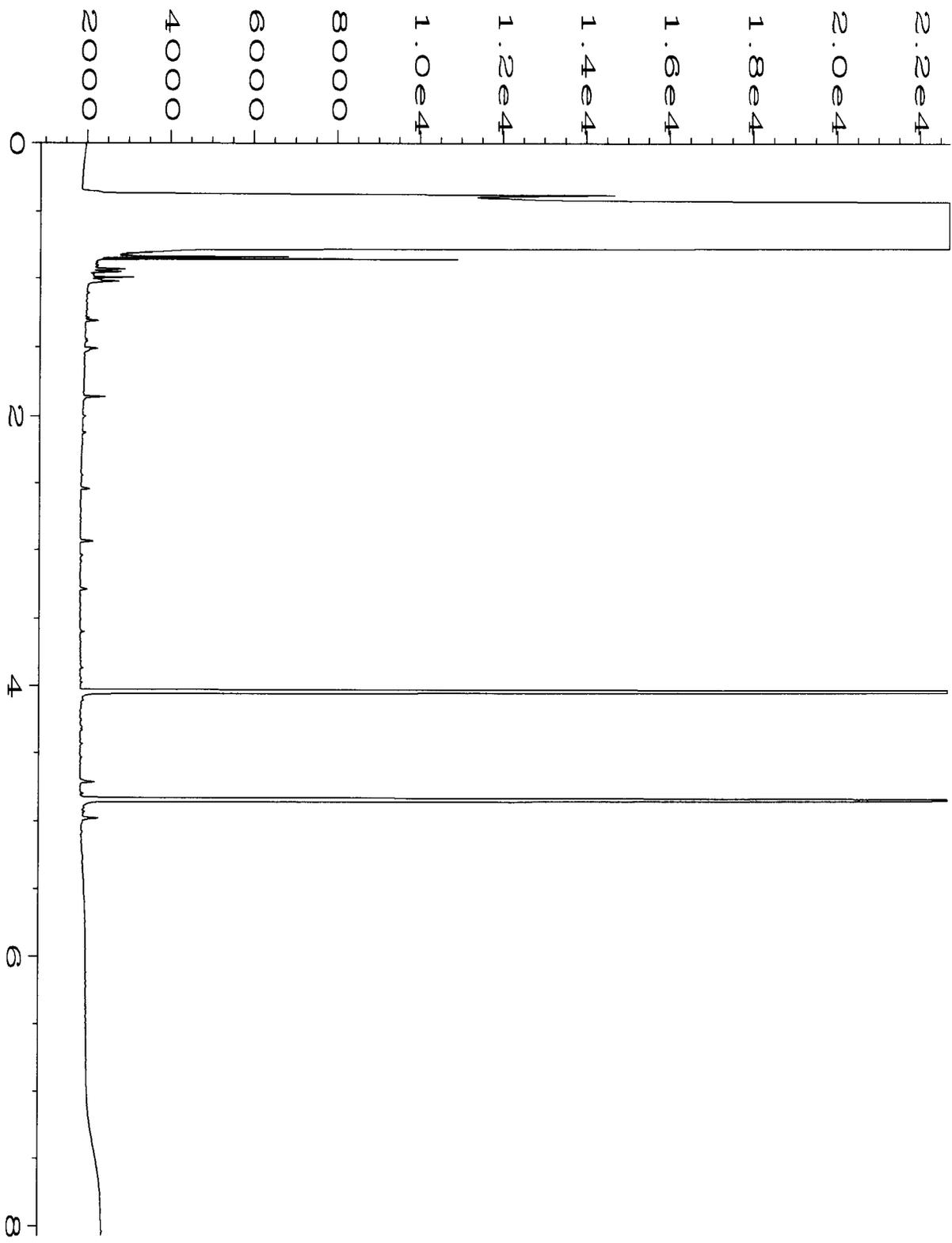
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

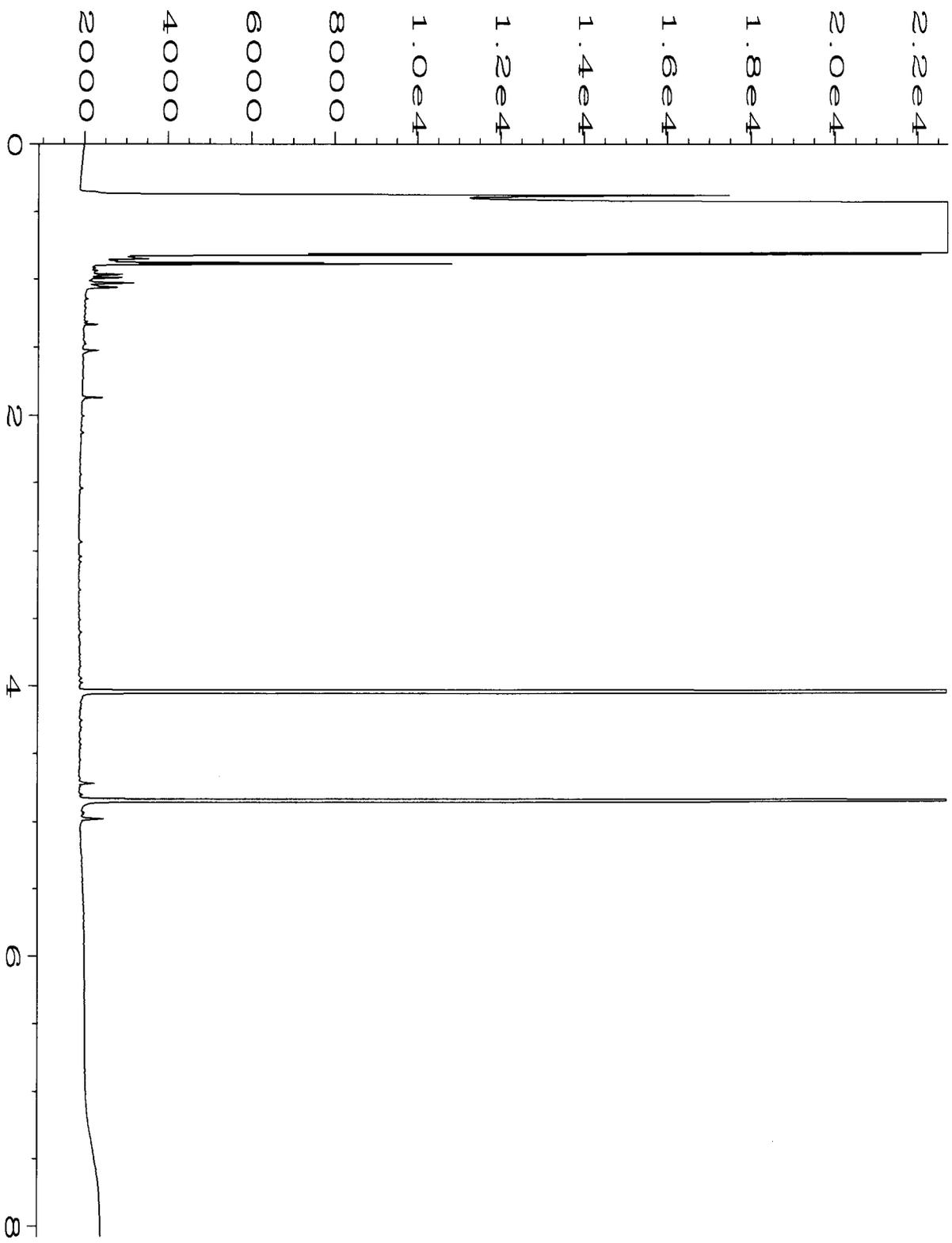
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



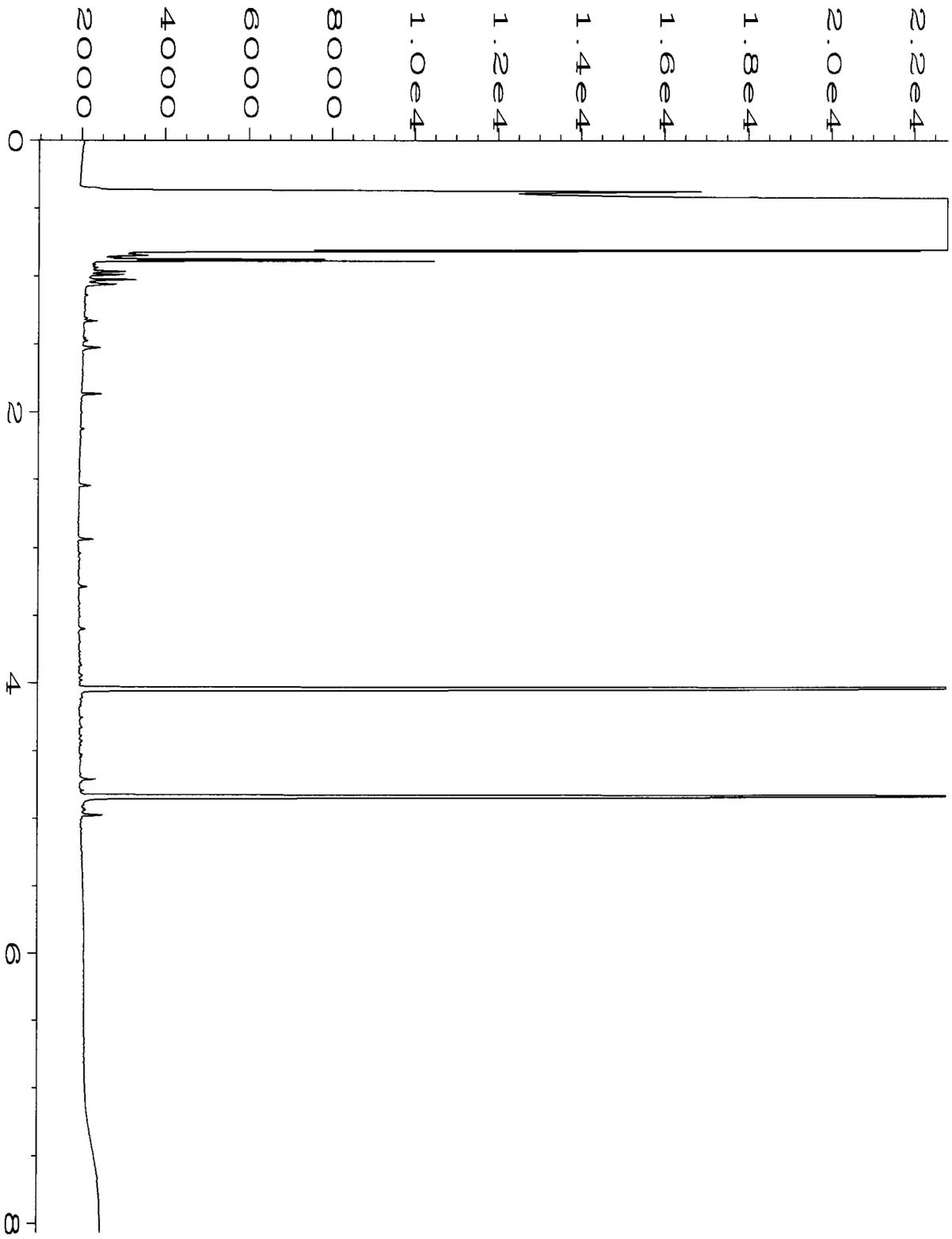
Data File Name	: C:\HPCHEM\4\DATA\11-21-14\034F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411343-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 03:41 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:08 PM		



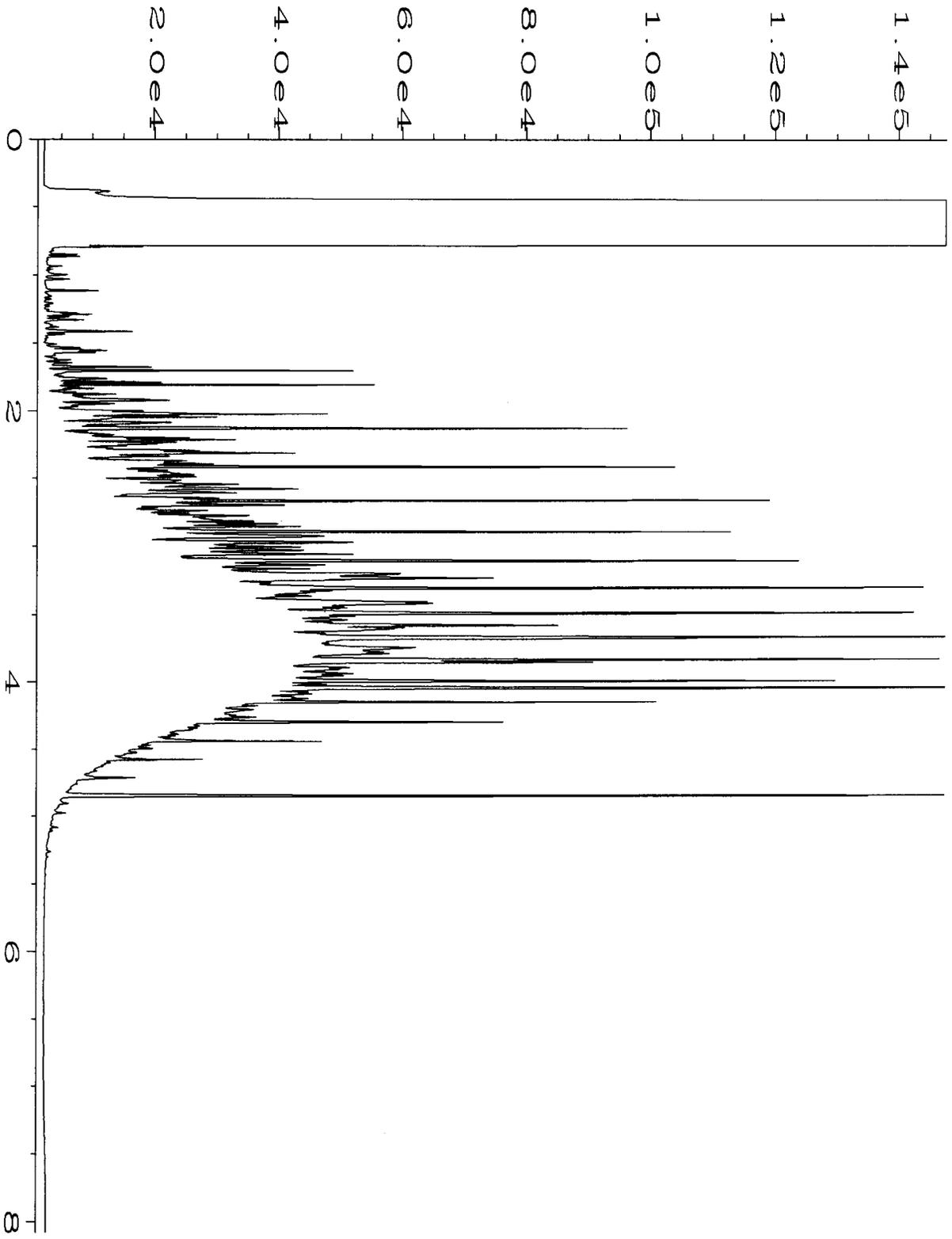
Data File Name	: C:\HPCHEM\4\DATA\11-21-14\035F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 35
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411343-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 03:54 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:09 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\036F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 36
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411343-05	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 04:07 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:25 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\022F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 22
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2368 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 12:36 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:06 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 08:51 AM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:06 PM		

411343

SAMPLE CHAIN OF CUSTODY

ME 11-19-14

Page # 1 of 1 VSI/1 Doz

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
UIWSW-43	UI WSW	43'	01	11/19/14	0800	SOIL	5	X	X	X	X		
IIWSW-47	II WSW	47'	02	11/19/14	0945	SOIL	5					X	
JJISWSW-47	JJI SWSW	47'	03	11/19/14	0955	SOIL	5					X	
YIWSW-45	YI WSW	45'	04	11/19/14	1010	SOIL	5	X	X	X	X		
VIWSW-44	VI WSW	44'	05	11/19/14	1020	SOIL	5	X	X	X	X		
11/19/14													
Samples received at 5 °C													

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:	JONATHAN LOEFFLER	SOUNDEARTH	11/19/14	1711
Received by:	VINCENT	FBI	11/19/14	1711
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on November 20, 2014 from the SOU_0731-004-05_20141120, F&BI 411374 project. Per your request, the sample ID has been amended from F17BTM-31 to F17-31.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1126R.DOC

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 20, 2014 from the SOU_0731-004-05_20141120, F&BI 411374 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141120, F&BI 411374 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411374-01	E17-29
411374-02	F17-31

Several compounds in the 8260C laboratory control sample exceeded the acceptance criteria. The analytes were not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411374

Date Extracted: 11/24/14

Date Analyzed: 11/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
F17-31 411374-02	<2	93
Method Blank 04-2341 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411374

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
F17-31 411374-02	<50	<250	94
Method Blank 04-2371 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	F17-31	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411374
Date Extracted:	11/21/14	Lab ID:	411374-02
Date Analyzed:	11/21/14	Data File:	112129.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141120, F&BI 411374
Date Extracted:	11/21/14	Lab ID:	04-2326 mb
Date Analyzed:	11/21/14	Data File:	112119.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411374

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411375-08 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411374

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

Laboratory Code: 411385-03 (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	97	96	64-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411374

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411186-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	40	39	10-91	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	60	10-101	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	64	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	0.82	81 b	84 b	14-128	4 b
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	74	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	76	76	23-115	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	77	25-120	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	80	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	74	73	27-112	1
Benzene	mg/kg (ppm)	2.5	<0.03	76	76	26-114	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	79	30-112	2
Toluene	mg/kg (ppm)	2.5	<0.05	72	72	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	76	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	0.15	80	79	38-111	1
m,p-Xylene	mg/kg (ppm)	5	0.86	84	81	38-112	4
o-Xylene	mg/kg (ppm)	2.5	0.27	82	82	38-113	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	70	42-107
Chloroethane	mg/kg (ppm)	2.5	94	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	65-110
Methylene chloride	mg/kg (ppm)	2.5	110	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	110 vo	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	101	72-116
Benzene	mg/kg (ppm)	2.5	106	75-107
Trichloroethene	mg/kg (ppm)	2.5	110 vo	72-107
Toluene	mg/kg (ppm)	2.5	102	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	111 vo	77-110
Ethylbenzene	mg/kg (ppm)	2.5	109	81-114
m,p-Xylene	mg/kg (ppm)	5	109	82-115
o-Xylene	mg/kg (ppm)	2.5	103	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

411374

SAMPLE CHAIN OF CUSTODY ME 11/20/14

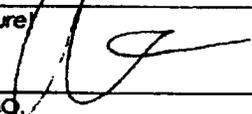
USI / DOI

Send Report To: Fere Kingston cc: Jonathan Loeffler, Courtney Porter

Company: SoundEarth Strategies

Address: 2811 Fairview Ave E, Suite 2000

City, State, ZIP: Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ = Rm per FJK on 11/21/14	EIM Y

Page # 1 of 1

TURNAROUND TIME

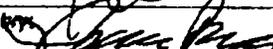
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Gx	gVOCs by EPA 8260C	Hand	Notes
E17-29	E17	29	QA	11/20/14	0905	SO:1	5					X	
E17-31	E17	31	QA	11/20/14	0920	SO:1	5	⊗	⊗	⊗	⊗	X	
<p>pe-PK 2/9/15 ms</p> <p>CP 11/20/14</p>													
Samples received at <u>10</u> °C													

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: 	Courtney Porter	SoundEarth	11/20/14	1453
Received by: 	James Bruya	F&B	11/20	1450
Relinquished by:				
Received by:				

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 20, 2014 from the SOU_0731-004-05_20141120, F&BI 411375 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 20, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141120, F&BI 411375 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411375-01	S1WSW-43
411375-02	P1WSW-40
411375-03	O1WSW-40
411375-04	K1WSW-38
411375-05	J1WSW-38
411375-06	V1WSW-39
411375-07	Y1WSW-40
411375-08	Z1WSW-40
411375-09	AA1WSW-41
411375-10	CC1WSW-43
411375-11	EE1WSW-42
411375-12	N1WSW-40
411375-13	DD1WSW-41
411375-14	II1WSW-42

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411375

Date Extracted: 11/24/14

Date Analyzed: 11/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-43 411375-01	<2	98
J1WSW-38 411375-05	<2	103
V1WSW-39 411375-06	<2	103
Y1WSW-40 411375-07	<2	103
Z1WSW-40 411375-08	<2	98
AA1WSW-41 411375-09	<2	104
CC1WSW-43 411375-10	<2	86
DD1WSW-41 411375-13	<2	103
Method Blank 04-2341 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411375

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
S1WSW-43 411375-01	<50	<250	108
J1WSW-38 411375-05	<50	<250	110
V1WSW-39 411375-06	<50	<250	103
Y1WSW-40 411375-07	<50	<250	107
Z1WSW-40 411375-08	<50	<250	112
AA1WSW-41 411375-09	<50	<250	110
CC1WSW-43 411375-10	<50	<250	102
DD1WSW-41 411375-13	<50	<250	102
Method Blank 04-2368 MB	<50	<250	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-43	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-01
Date Analyzed:	11/21/14	Data File:	112114.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J1WSW-38	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-05
Date Analyzed:	11/21/14	Data File:	112115.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-39	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-06
Date Analyzed:	11/21/14	Data File:	112116.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-40	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-07
Date Analyzed:	11/21/14	Data File:	112117.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	96	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-40	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-08
Date Analyzed:	11/21/14	Data File:	112118.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-41	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-09
Date Analyzed:	11/21/14	Data File:	112119.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-43	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-10
Date Analyzed:	11/21/14	Data File:	112120.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	95	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-41	Client:	SoundEarth Strategies
Date Received:	11/20/14	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	411375-13
Date Analyzed:	11/21/14	Data File:	112121.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141120, F&BI 411375
Date Extracted:	11/21/14	Lab ID:	04-2322 mb2
Date Analyzed:	11/21/14	Data File:	112105.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

	% Recovery:	Lower Limit:	Upper Limit:
Surrogates:			
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411375

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411375-08 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411375

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

Laboratory Code: 411375-13 (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	96	94	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	99	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/20/14

Project: SOU_0731-004-05_20141120, F&BI 411375

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411343-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	2.5	<0.03	78	85	29-129	9
Toluene	mg/kg (ppm)	2.5	<0.05	79	87	35-130	10
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	80	88	32-137	10
m,p-Xylene	mg/kg (ppm)	5	<0.1	81	88	34-136	8
o-Xylene	mg/kg (ppm)	2.5	<0.05	83	90	33-134	8
Naphthalene	mg/kg (ppm)	2.5	<0.05	91	94	14-157	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	2.5	96	68-114
Toluene	mg/kg (ppm)	2.5	96	66-126
Ethylbenzene	mg/kg (ppm)	2.5	96	64-123
m,p-Xylene	mg/kg (ppm)	5	96	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124
Naphthalene	mg/kg (ppm)	2.5	99	63-140

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

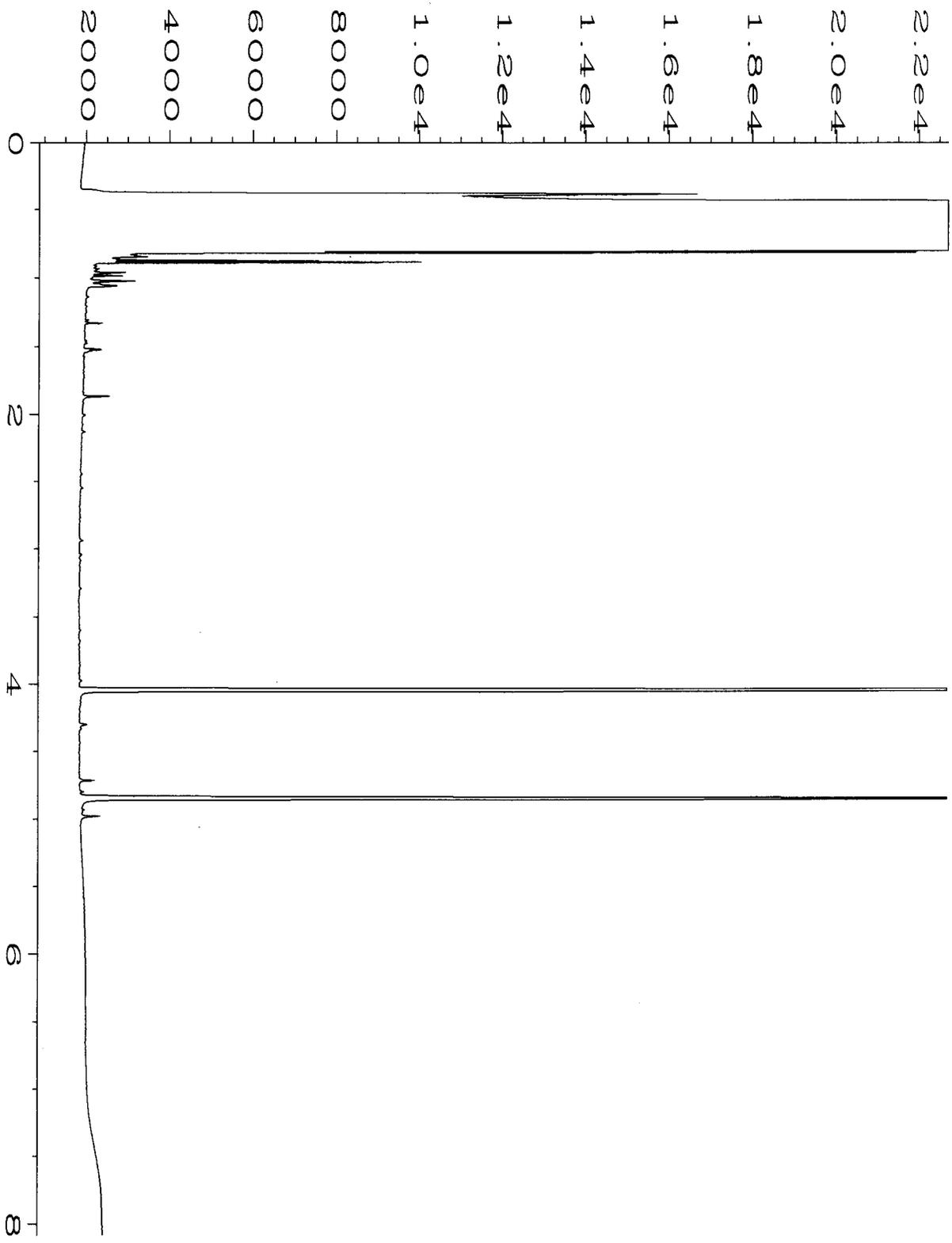
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

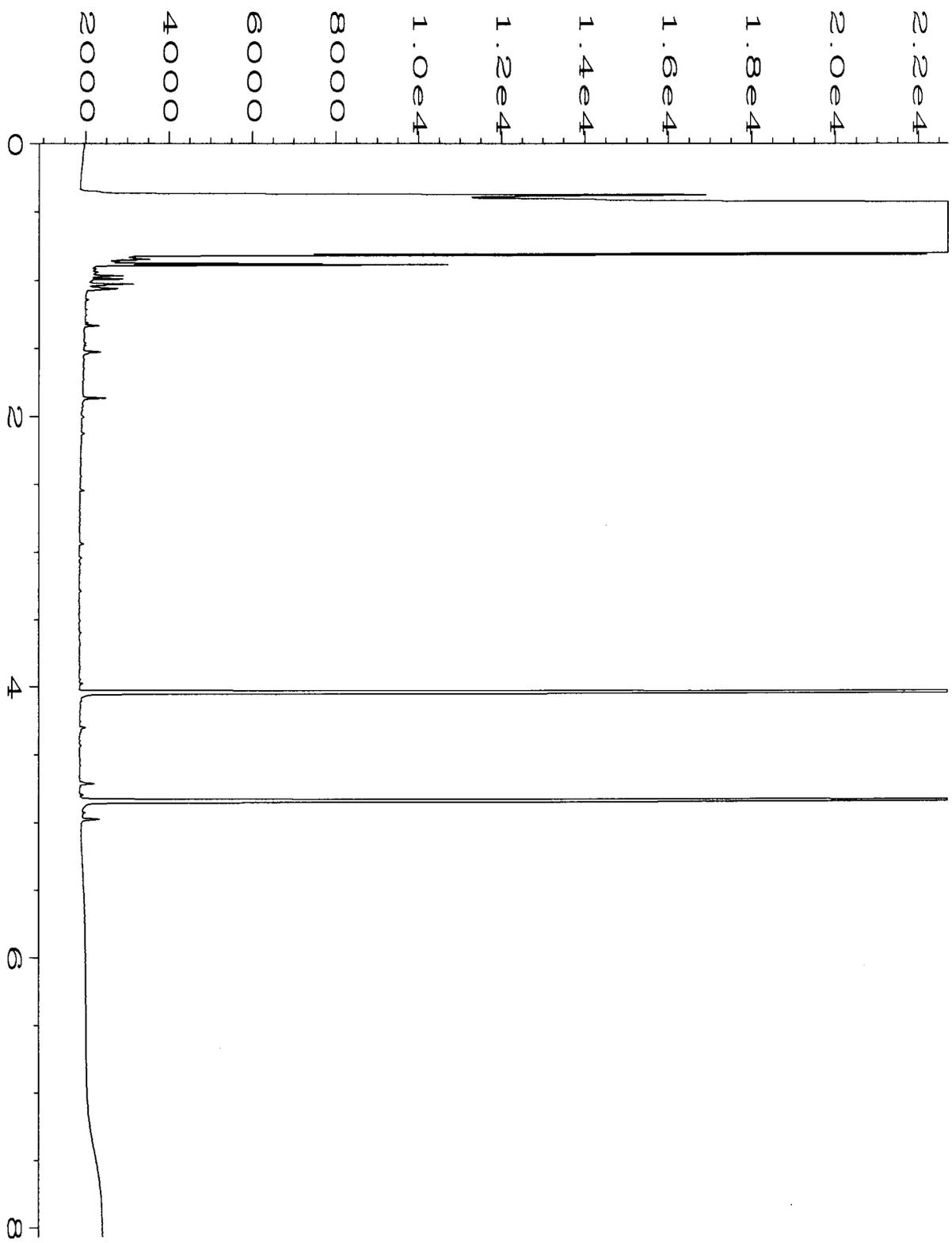
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

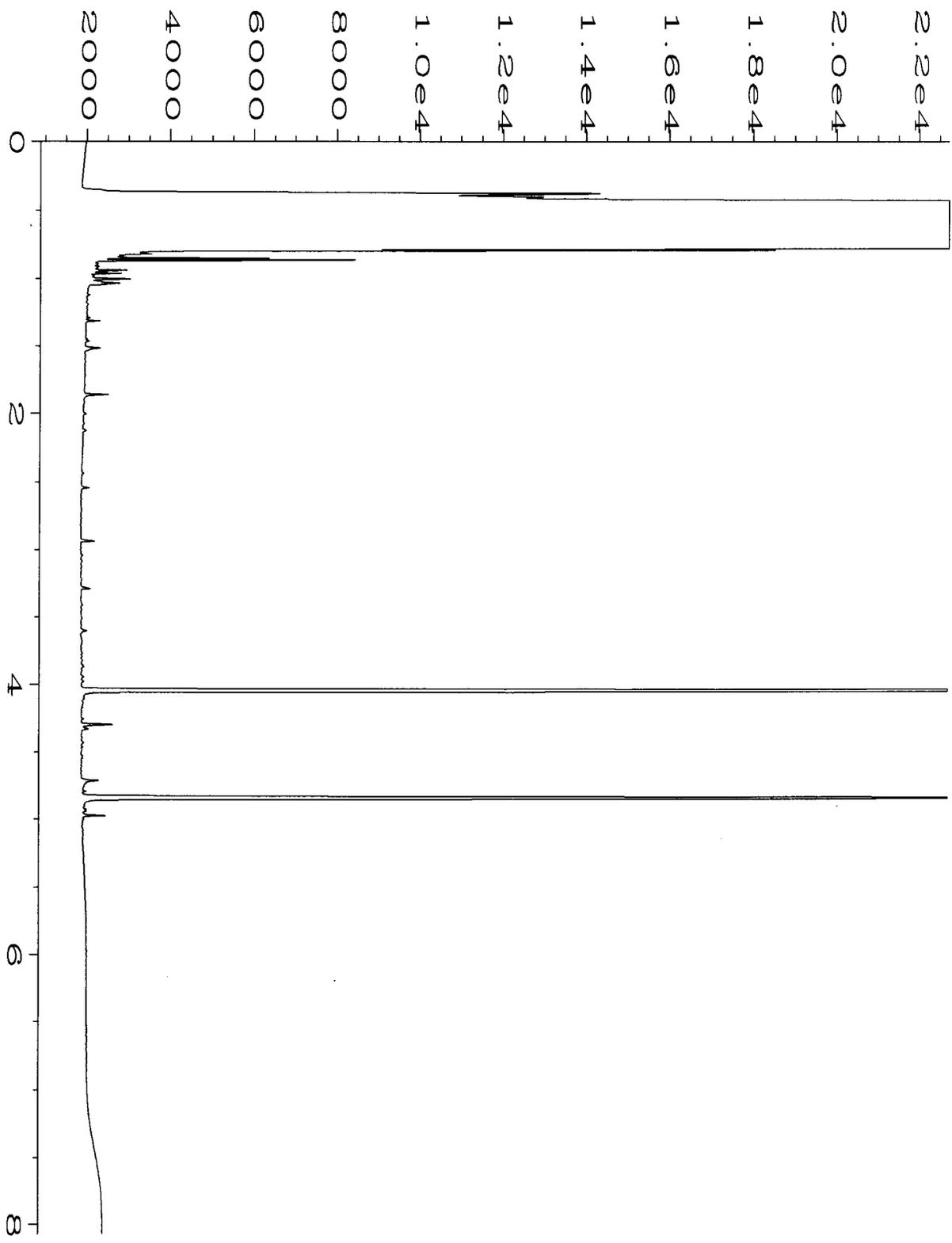
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



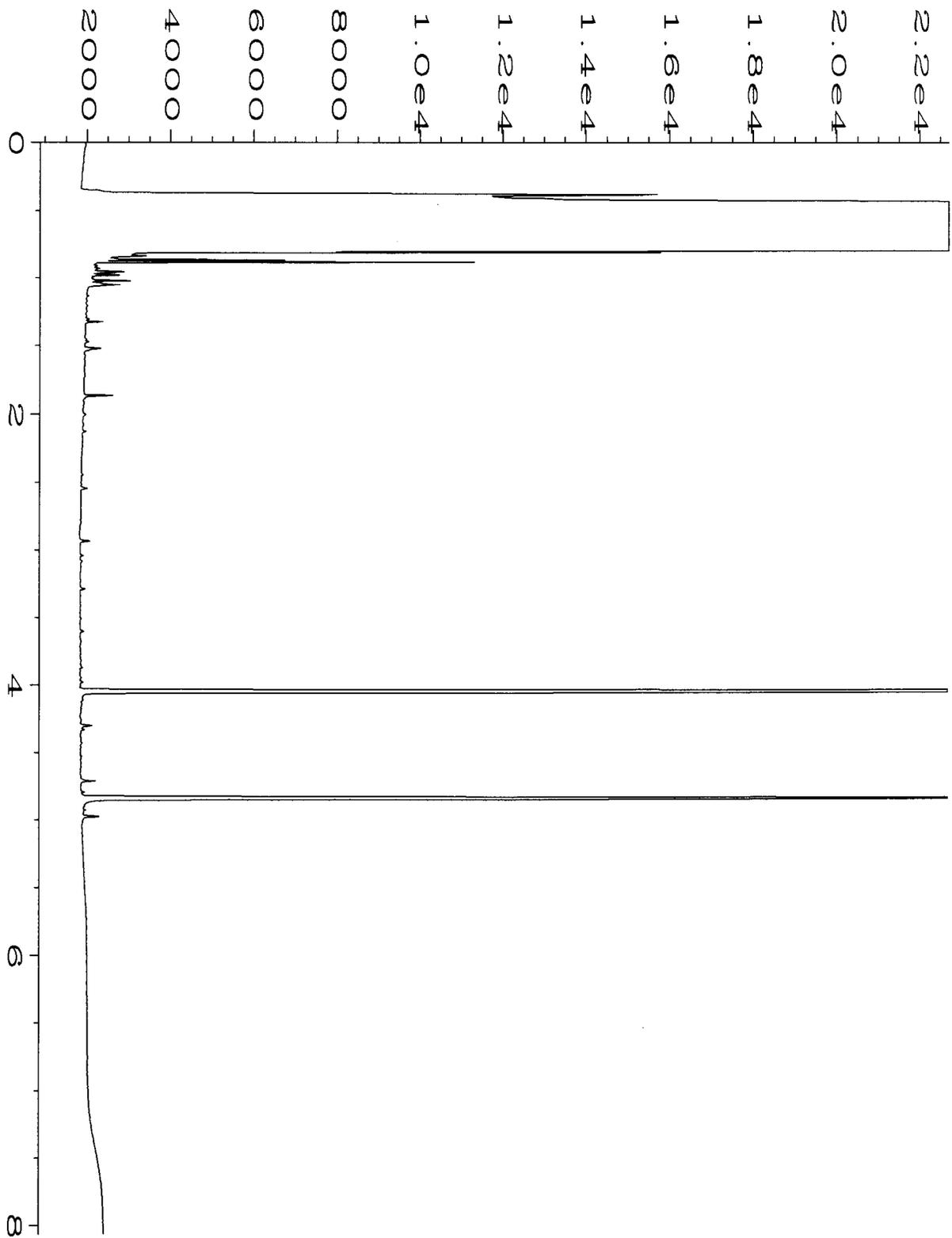
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Operator	: mwdl	Vial Number	: 26
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-01	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 01:29 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:04 PM		



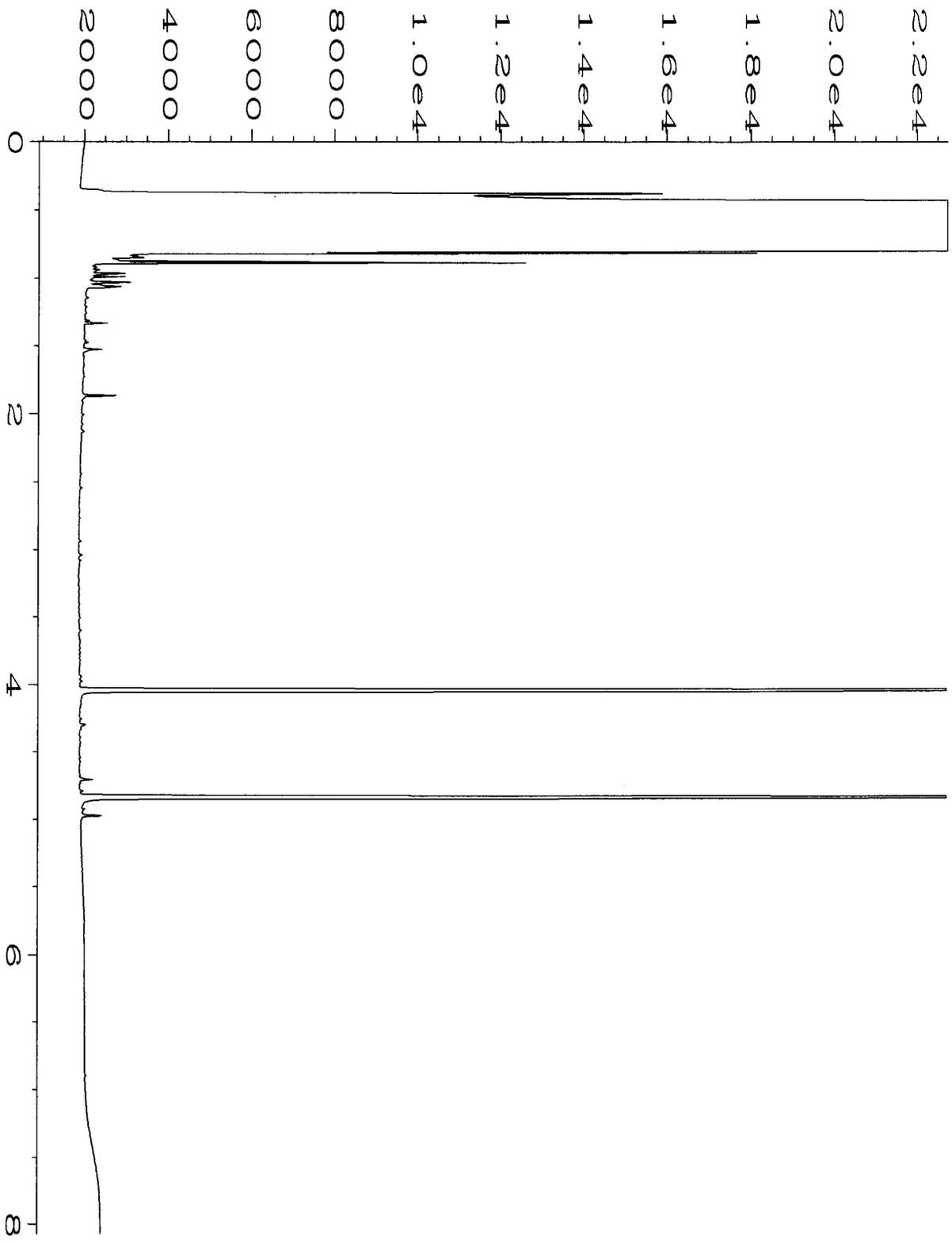
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 01:42 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



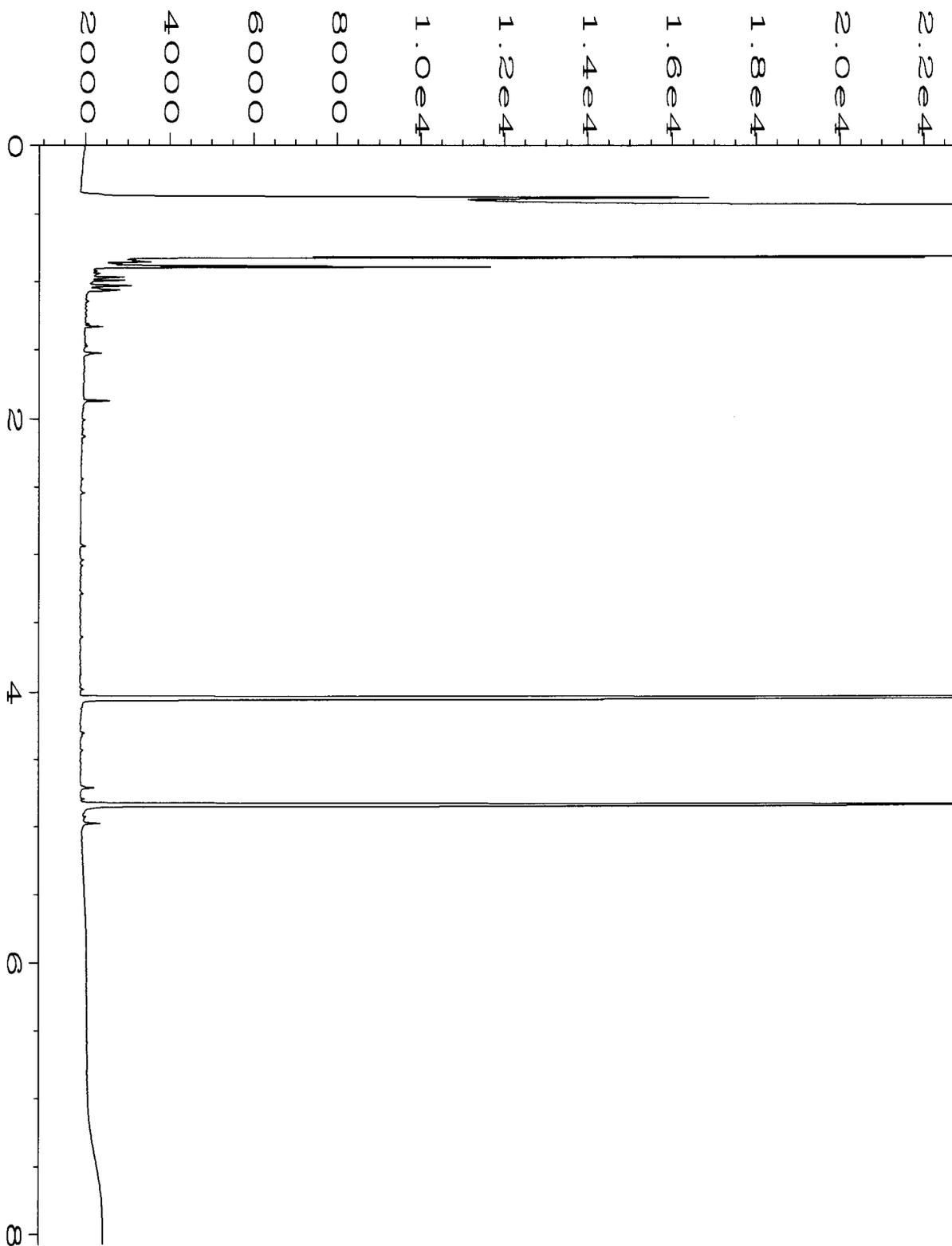
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-06	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 01:55 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



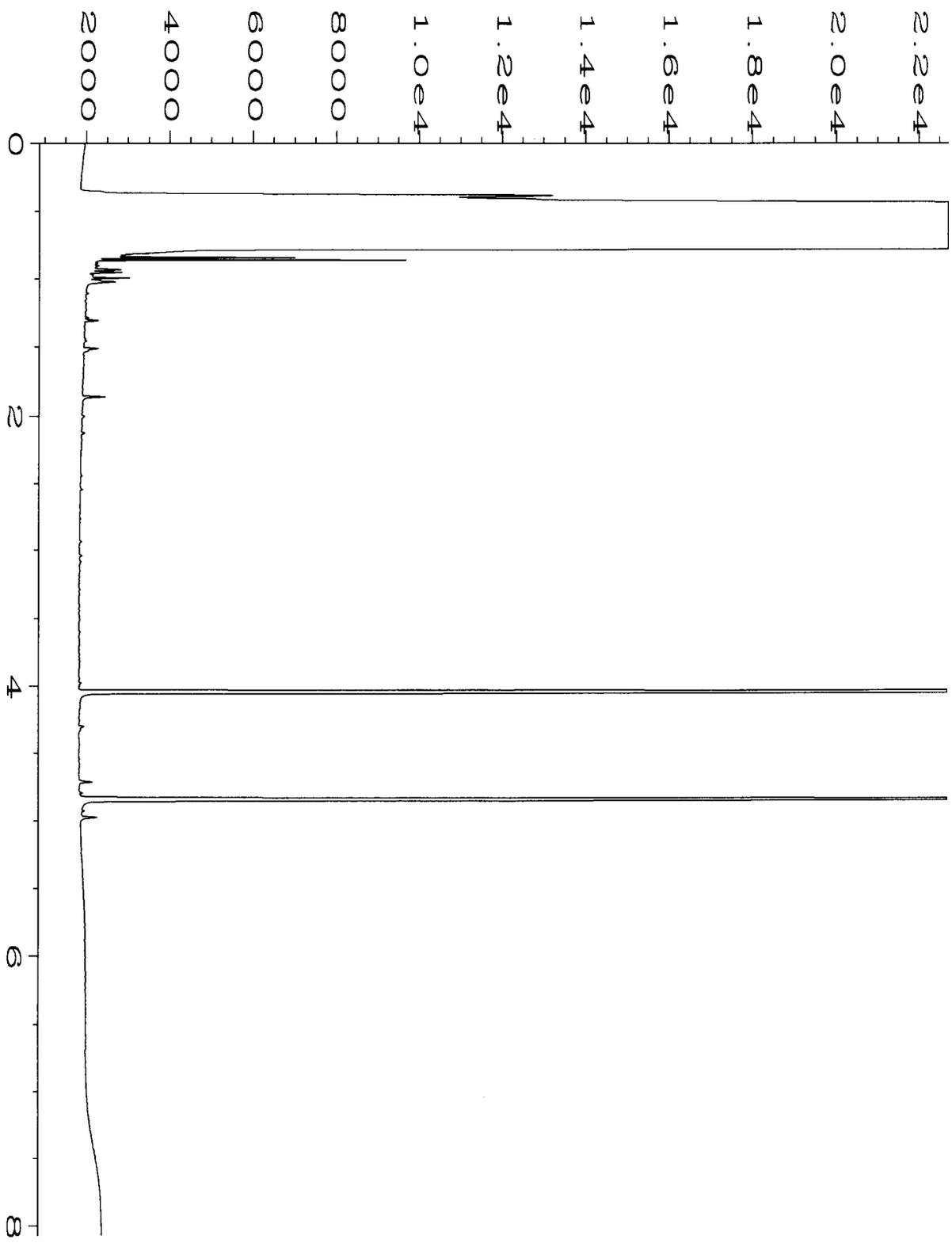
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Operator	: mwd1	Vial Number	: 29
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-07	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 02:08 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



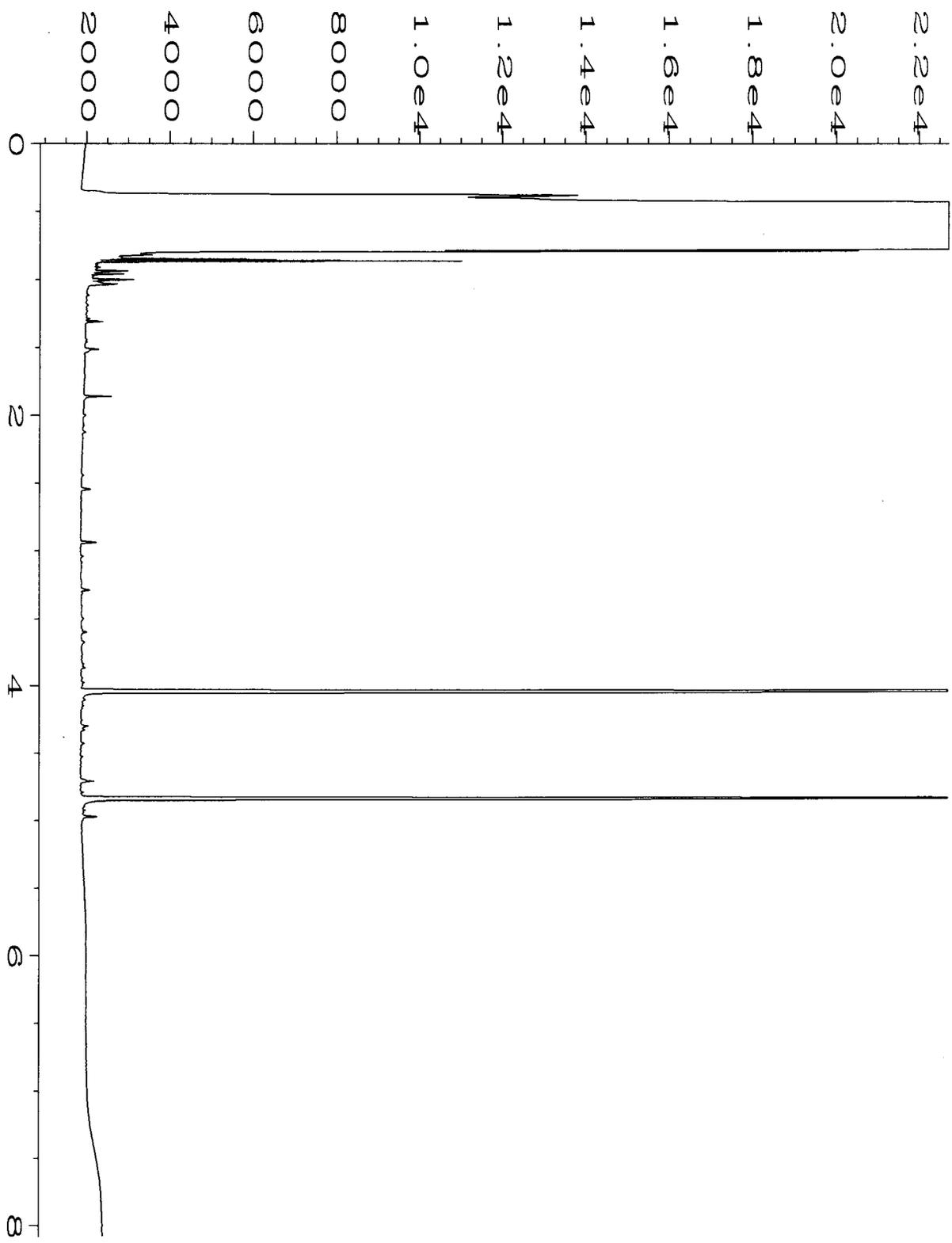
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Operator	: mwdl	Vial Number	: 30
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-08	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 02:22 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



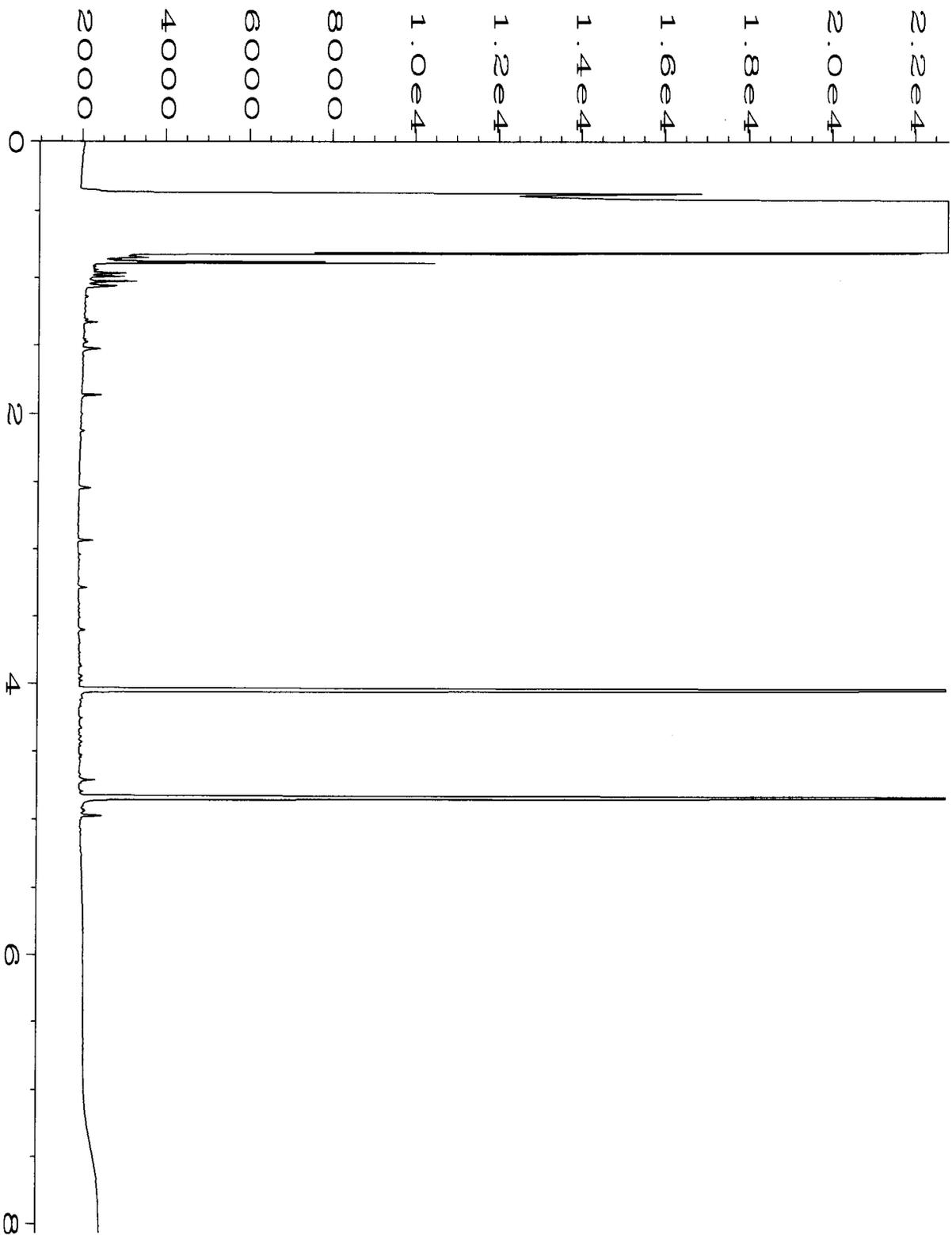
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Operator	: mwdl	Vial Number	: 31
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-09	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 02:35 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



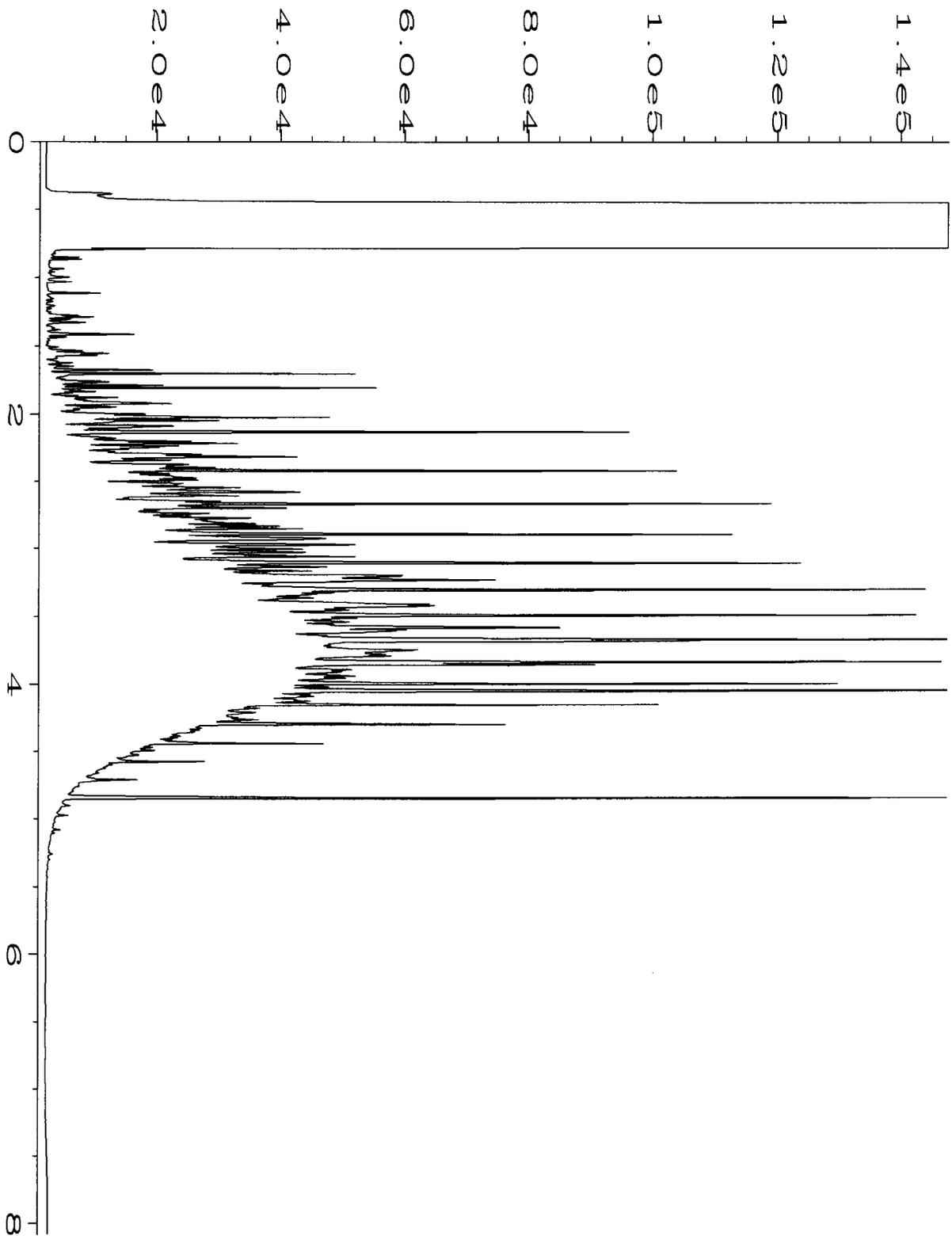
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Operator	: mwd1	Vial Number	: 32
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-10	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 02:48 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\033F0301.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 33
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411375-13	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 03:01 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\022F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 22
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2368 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 12:36 PM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:05 PM		



Data File Name	: C:\HPCHEM\4\DATA\11-21-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 08:51 AM	Analysis Method	: DX.MTH
Report Created on:	21 Nov 14 04:06 PM		

411375

SAMPLE CHAIN OF CUSTODY ME 11-20-14

D03/V84
Page # 1 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter
 Company SoundEarth Strategies
 Address 2811 Fairview Ave E, Suite 2000
 City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
SIWSW-43	S1	43	01 A-E	11/20/14	0750	soil	5	X	X	X	X		
PIWSW-40	P1	40	02	11/20/14	0755	soil	5					X	
O1WSW-40	O1	40	03	11/20/14	0805	soil	5					X	
K1WSW-38	K1	38	04	11/20/14	0810	soil	5					X	
J1WSW-38	J1	38	05	11/20/14	0815	soil	5	X	X	X	X		
VIWSW-39	V1	39	06	11/20/14	0935	soil	5	X	X	X	X		
Y1WSW-40	Y1	40	07	11/20/14	0940	soil	5	X	X	X	X		
Z1WSW-40	Z1	40	08	11/20/14	0945	soil	5	X	X	X	X		
AA1WSW-41	AA1	41	09	11/20/14	0955	soil	5	X	X	X	X		
CC1WSW-43	CC1	43	10	11/20/14	1000	soil	5	X	X	X	X		
EE1WSW-42	EE1	42	11	11/20/14	1005	soil	5					X	
NIWSW-40	N1	40	12	11/20/14	1150	soil	5					X	
DD1WSW-41	DD1	41	13	11/20/14	1200	soil	5	X	X	X	X		

Samples received at 10 °C

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:	Courtney Porter	SoundEarth	11/20/14	1450
Received by:	James Bruya	FE B	11/20	1450
Relinquished by:				
Received by:				

SAMPLE CHAIN OF CUSTODY

ME 11-20-14

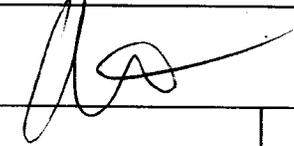
003/054 2
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME	
<input checked="" type="checkbox"/> Standard (2 Weeks)	RUSH _____
Rush charges authorized by: _____	
SAMPLE DISPOSAL	
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
IIINew-42	II1	42	14AE	11/20/14	1205	soil	5					X	
Go 11/20/14													

Samples received at 10°C

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: 	Courtney Porter	SoundEarth	11/20/14	1450
Received by: 	JAMES BRUYA	F&B	11/30	1450
Relinquished by:				
Received by:				

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

December 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on November 21, 2014 from the SOU_0731-004-05_20141121, F&BI 411398 project. There are 14 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1210R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 21, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141121, F&BI 411398 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411398-01	O1WSW-35
411398-02	S1WSW-37
411398-03	P1WSW-34
411398-04	U1WSW-38

m,p Xylene in the 8260C laboratory control sample exceeded the acceptance criteria. The analytes were not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

Date Extracted: 12/04/14 and 12/05/14

Date Analyzed: 12/04/14 and 12/05/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
O1WSW-35 411398-01	<2	93
P1WSW-34 411398-03	<2	103
Method Blank 04-2400 MB	<2	86
Method Blank 04-2433 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

Date Extracted: 12/02/14 and 12/05/14

Date Analyzed: 12/02/14 and 12/05/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
O1WSW-35 411398-01	<50	<250	96
P1WSW-34 411398-03	<50	<250	89
Method Blank 04-2416 MB	<50	<250	103
Method Blank 04-2449 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O1WSW-35	Client:	SoundEarth Strategies
Date Received:	11/21/14	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	12/02/14	Lab ID:	411398-01
Date Analyzed:	12/02/14	Data File:	120222.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	94	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1WSW-34	Client:	SoundEarth Strategies
Date Received:	11/21/14	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	12/05/14	Lab ID:	411398-03
Date Analyzed:	12/05/14	Data File:	120519.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	12/05/14	Lab ID:	04-2386 mb
Date Analyzed:	12/05/14	Data File:	120518.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	12/02/14	Lab ID:	04-2382 mb
Date Analyzed:	12/02/14	Data File:	120221.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412062-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412121-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

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

Laboratory Code: 412036-01 (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	96	105	73-135	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

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

Laboratory Code: 412121-01 (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	96	95	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	95	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411398-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	63	61	10-138	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	73	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	79	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	88	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	87	86	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	84	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	83	10-156	2
Benzene	mg/kg (ppm)	2.5	<0.03	83	83	29-129	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	96	95	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	97	95	20-133	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	97	98	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	109	109	34-136	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	97	98	33-134	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	47-128
Methylene chloride	mg/kg (ppm)	2.5	101	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Benzene	mg/kg (ppm)	2.5	96	68-114
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Toluene	mg/kg (ppm)	2.5	111	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	113	72-114
Ethylbenzene	mg/kg (ppm)	2.5	114	64-123
m,p-Xylene	mg/kg (ppm)	5	125 vo	78-122
o-Xylene	mg/kg (ppm)	2.5	113	77-124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412122-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	52	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	63	62	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	66	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	72	74	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	76	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	79	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	78	78	27-112	0
Benzene	mg/kg (ppm)	2.5	<0.03	76	75	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	80	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	83	81	34-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	81	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	86	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	88	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	90	38-113	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	65-110
Methylene chloride	mg/kg (ppm)	2.5	86	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	92	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	91	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	94	72-107
Toluene	mg/kg (ppm)	2.5	95	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	98	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	100	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

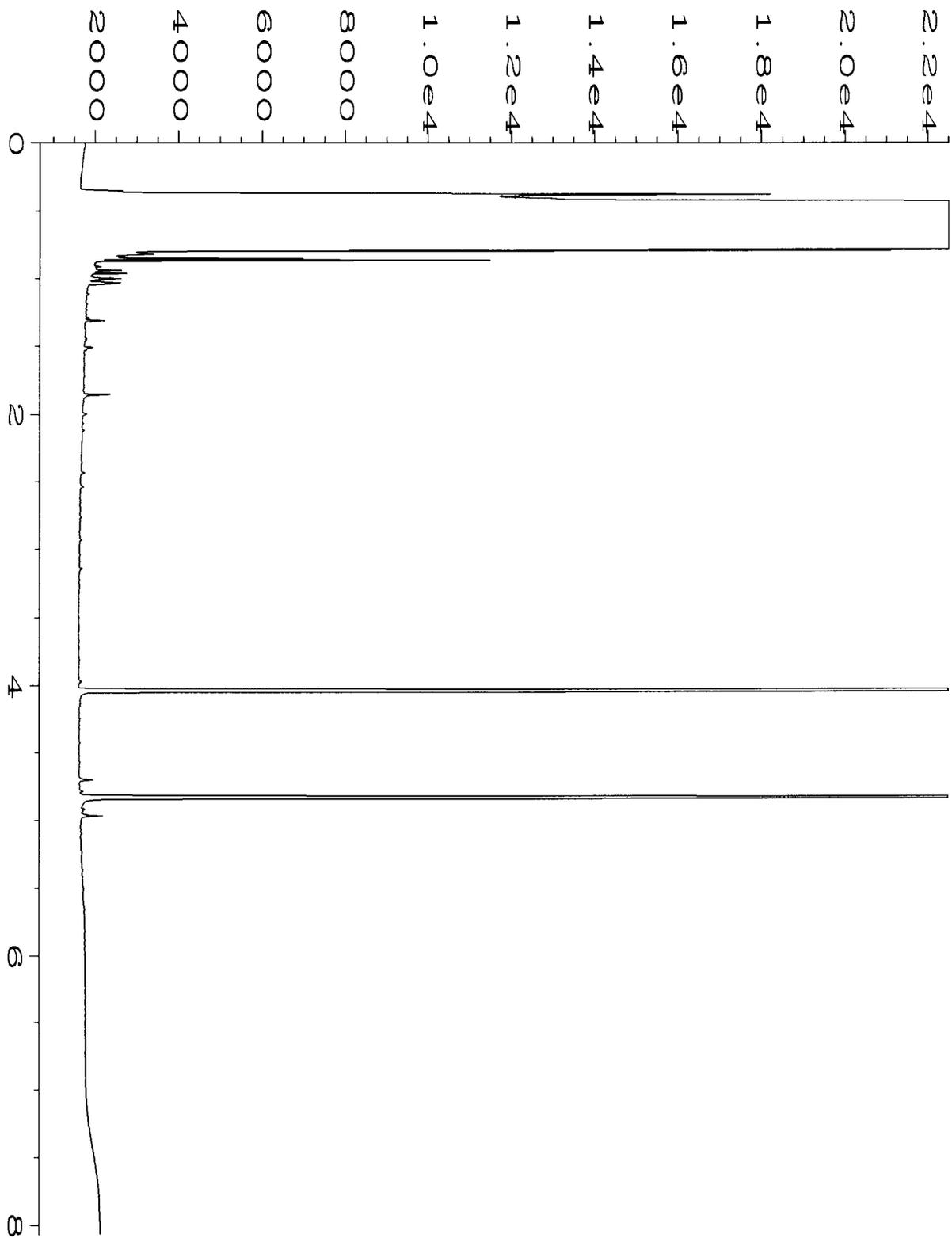
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

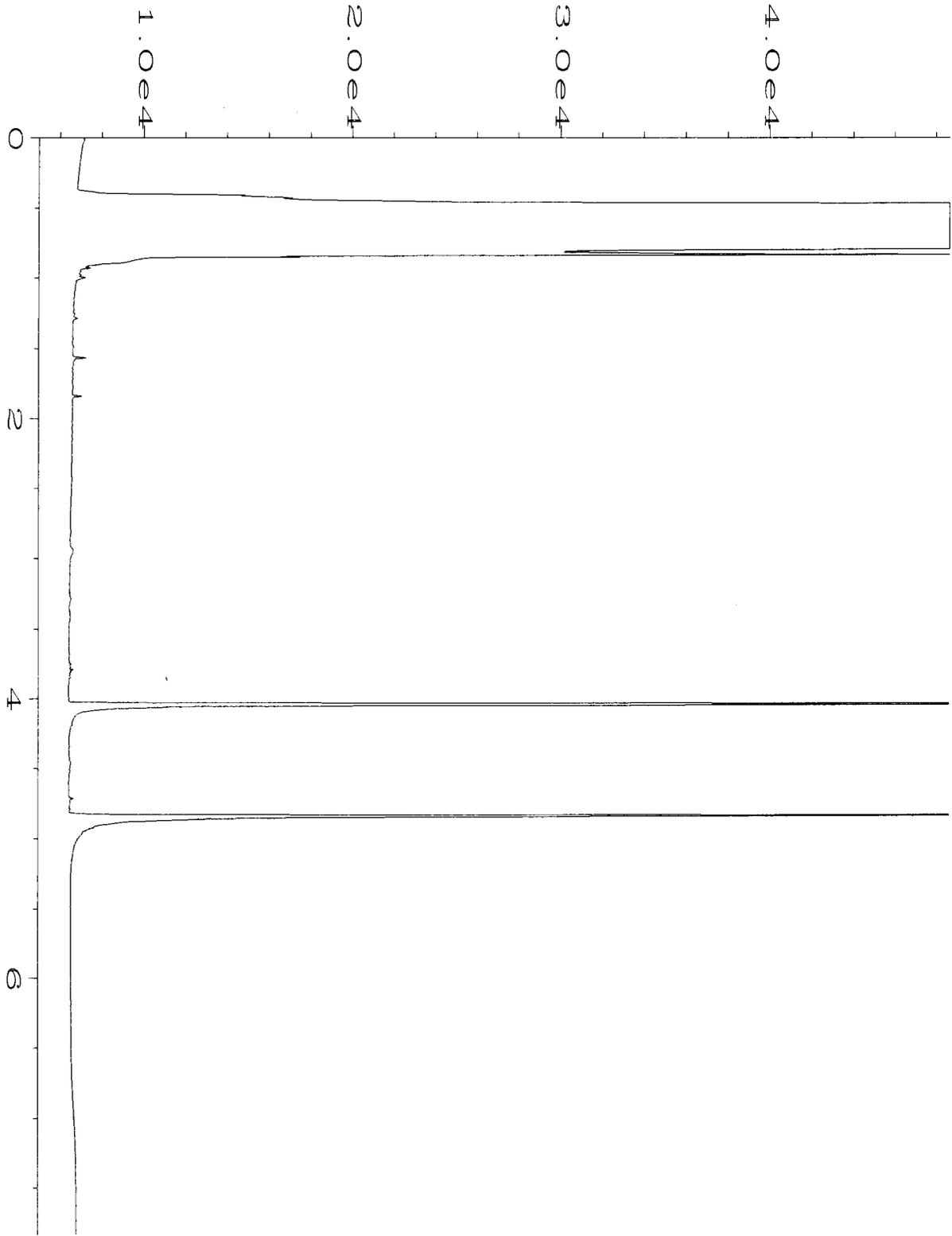
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

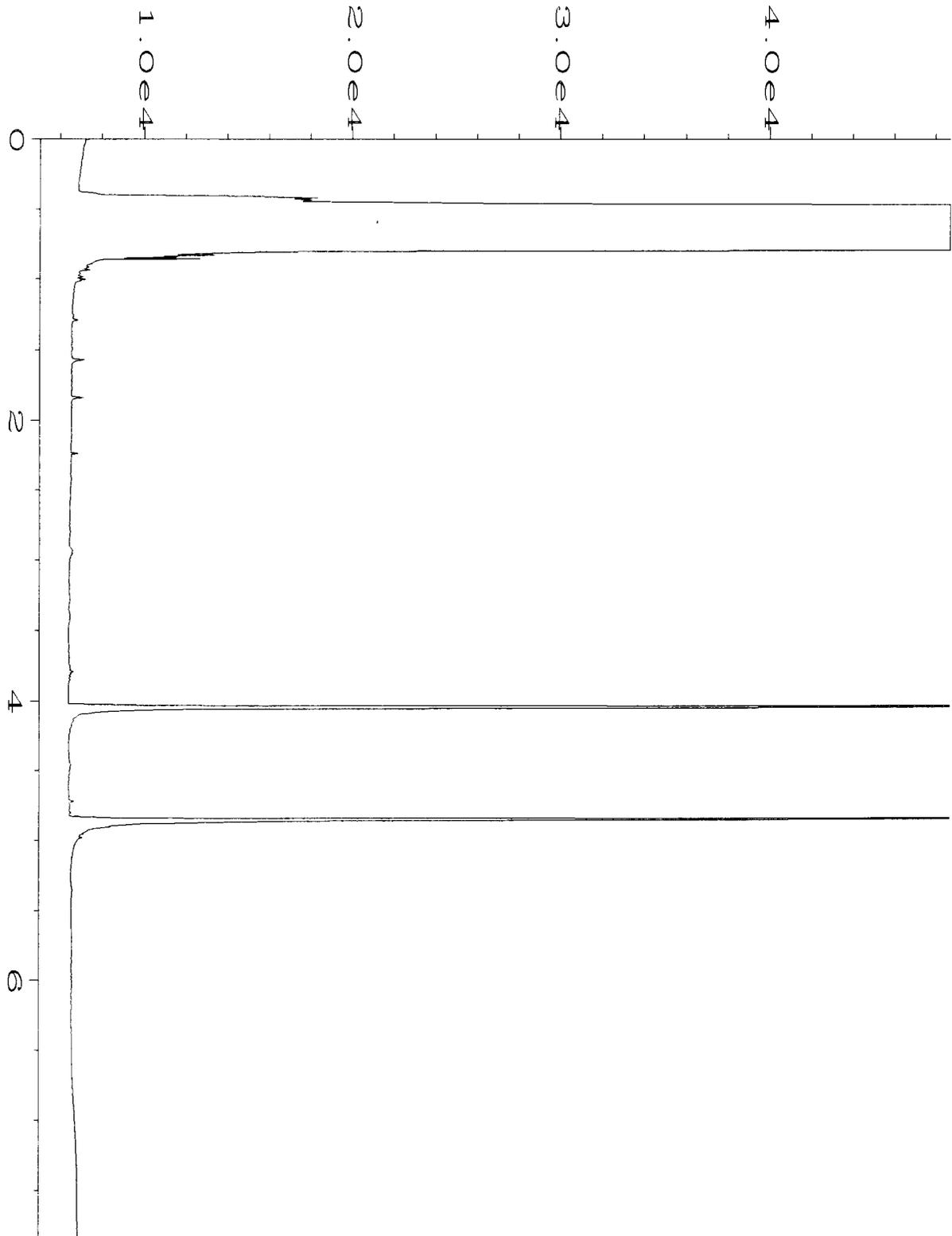
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



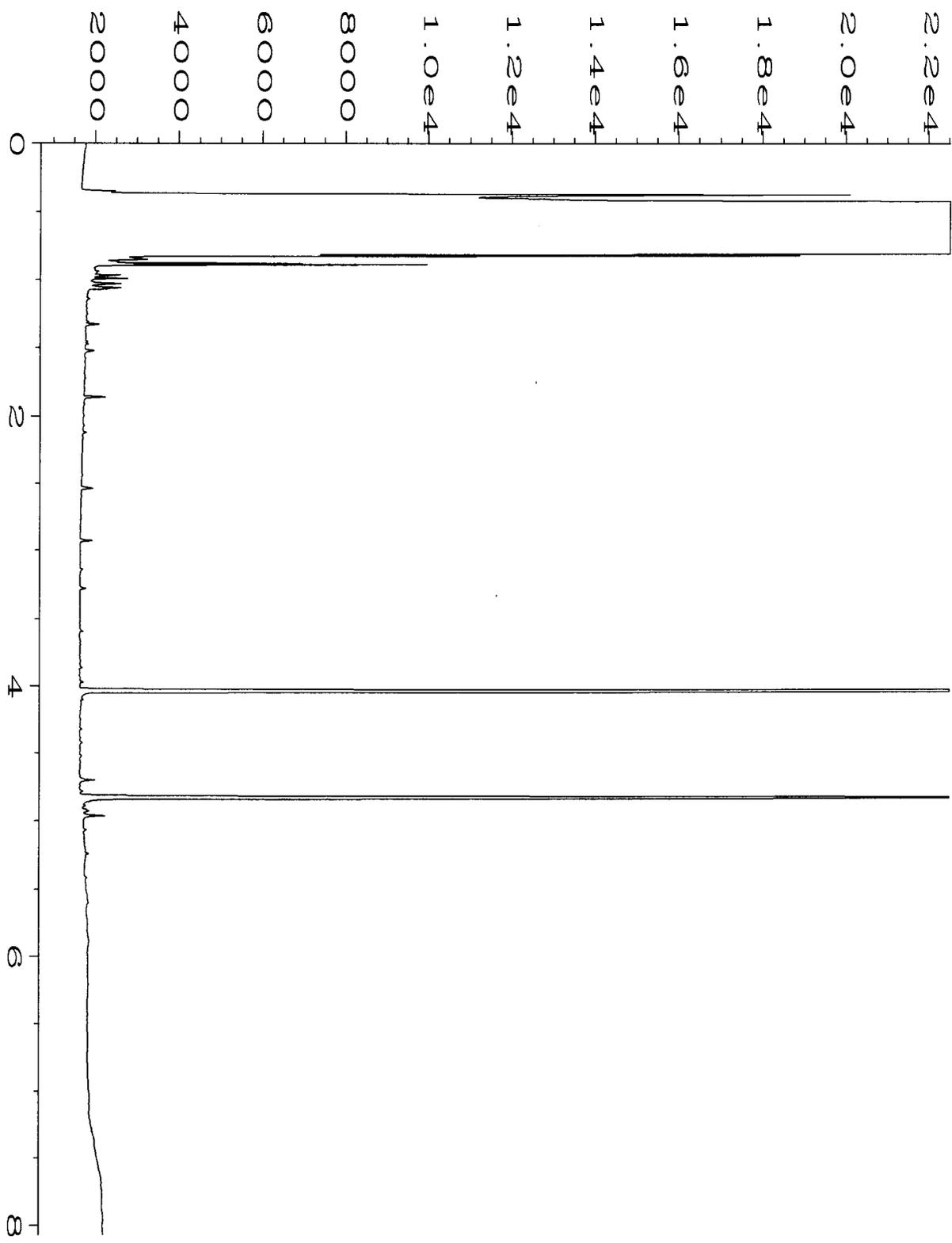
Data File Name	: C:\HPCHEM\4\DATA\12-02-14\035F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 35
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411398-01	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 07:17 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:25 PM		



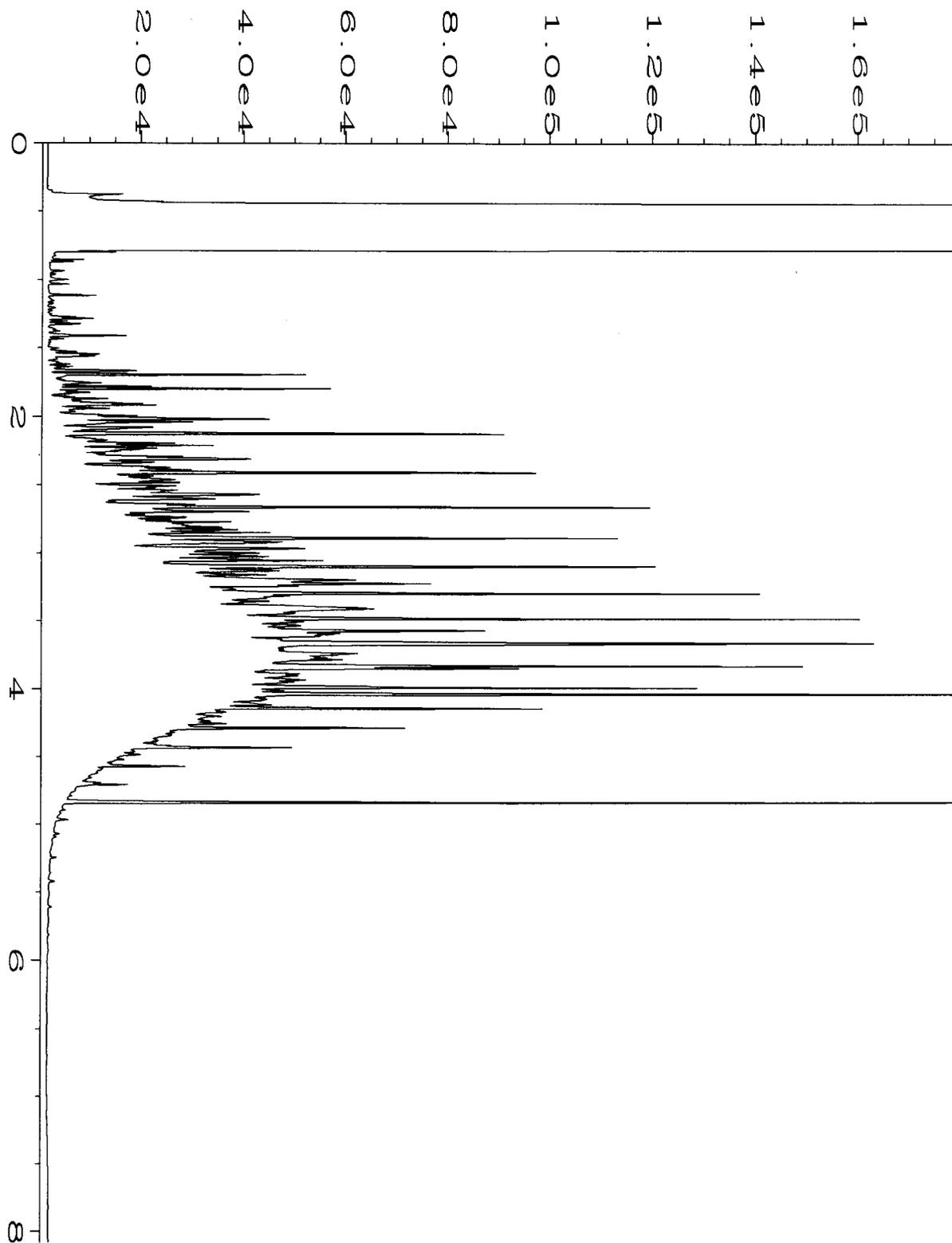
Data File Name	: C:\HPCHEM\1\DATA\12-05-14\050F0901.D	Page Number	: 1
Operator	: ML	Vial Number	: 50
Instrument	: GC1	Injection Number	: 1
Sample Name	: 411398-03	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 05 Dec 14 08:28 PM	Analysis Method	: DX.MTH
Report Created on:	08 Dec 14 09:16 AM		



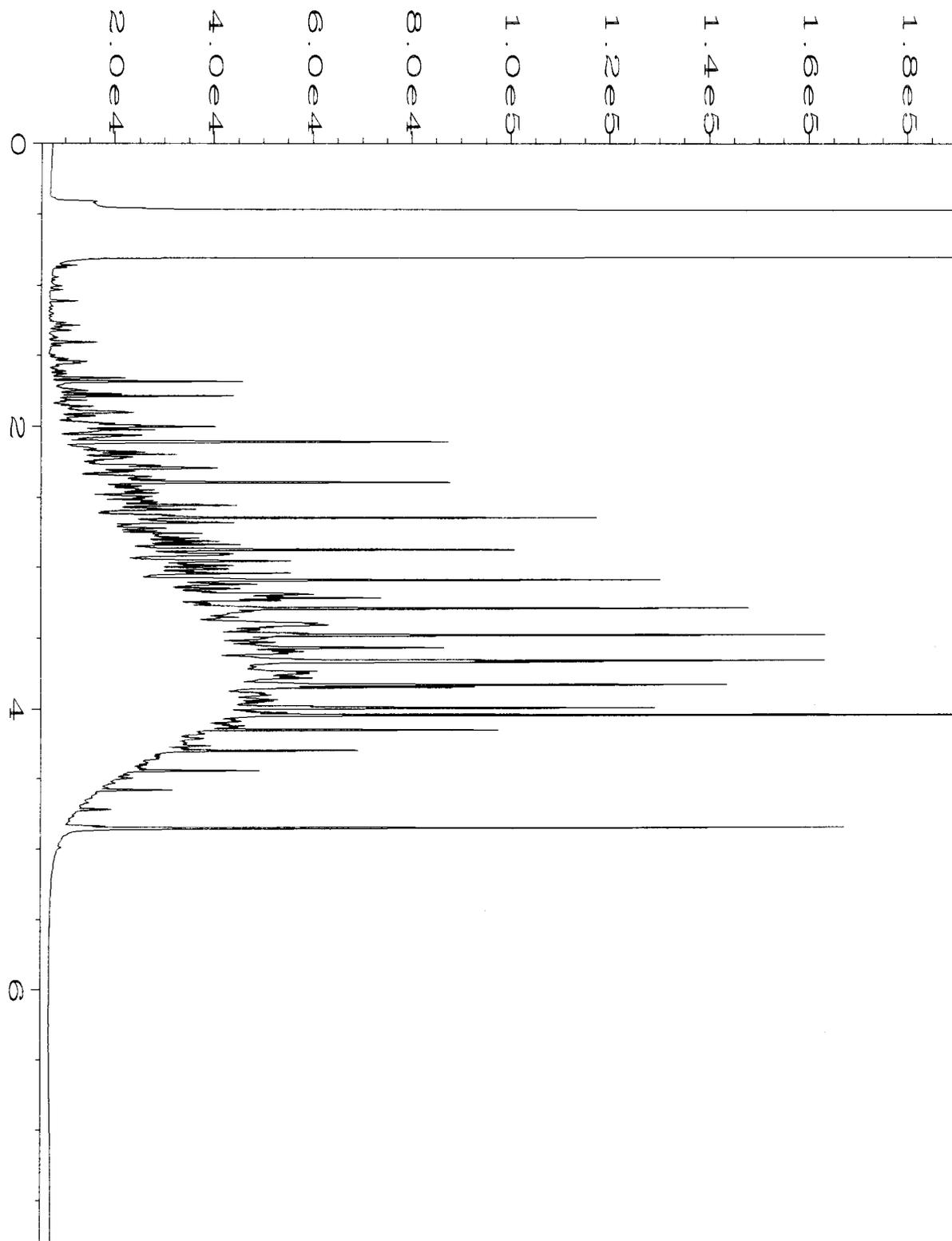
Data File Name	: C:\HPCHEM\1\DATA\12-05-14\036F0701.D	Page Number	: 1
Operator	: ML	Vial Number	: 36
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2449 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 05 Dec 14 05:10 PM	Analysis Method	: DX.MTH
Report Created on:	08 Dec 14 09:15 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\029F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2416 mb	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 05:59 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:28 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\003F0201.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 09:25 AM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:25 PM		



Data File Name	: C:\HPCHEM\1\DATA\12-05-14\003F0201.D	Page Number	: 1
Operator	: ML	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 05 Dec 14 08:09 AM	Analysis Method	: DX.MTH
Report Created on:	08 Dec 14 09:21 AM		

411398

SAMPLE CHAIN OF CUSTODY

ME 11-21-14

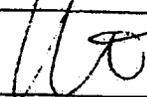
301 / 081

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ - Run per RSK on 12/1/14	EIM Y

Page # 1 of 1

TURNAROUND TIME

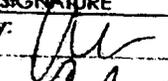
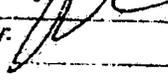
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Q2	BTEX by EPA 821B	DRPHORPH by NWTPH-Q2	VOCs by EPA 8260C	HOLD	Notes
DIWSW-35	G1	35	01A	11/21/14	0740	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
SIWSW-37	S1	37	02	11/21/14	0745	Soil	5	X	X	X	X	X	✓ - per RSK
PIWSW-34	P1	34	03	11/21/14	0600	Soil	5	✓	✓	✓	✓	X	RSK
LIWSW-38	U1	38	04	11/21/14	0900	Soil	5	X	X	X	X	X	
OP 11/21/14													

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
	Courtney Porter	SoundEarth	11/21/14	1435
	Matthew [unclear]	FBI	11/27/14	1475
Samples received at <u>3</u> °C				

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

November 26, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 21, 2014 from the SOU_0731-004-05_20141121, F&BI 411398 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1126R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 21, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141121, F&BI 411398 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411398-01	O1WSW-35
411398-02	S1WSW-37
411398-03	P1WSW-34
411398-04	U1WSW-38

Methylene chloride in the 8260C matrix spike and matrix spike duplicate exceeded the acceptance criteria. The analyte was not detected in the sample, therefore the data were acceptable.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

Date Extracted: 11/24/14

Date Analyzed: 11/24/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-37 411398-02	<2	103
U1WSW-38 411398-04	<2	103
Method Blank 04-2341 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

Date Extracted: 11/21/14

Date Analyzed: 11/21/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
S1WSW-37 411398-02	<50	<250	86
U1WSW-38 411398-04	<50	<250	95
Method Blank 04-2371 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-37	Client:	SoundEarth Strategies
Date Received:	11/21/14	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	11/24/14	Lab ID:	411398-02
Date Analyzed:	11/24/14	Data File:	112419.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-38	Client:	SoundEarth Strategies
Date Received:	11/21/14	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	11/24/14	Lab ID:	411398-04
Date Analyzed:	11/24/14	Data File:	112420.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.030

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141121, F&BI 411398
Date Extracted:	11/24/14	Lab ID:	04-2325 mb
Date Analyzed:	11/24/14	Data File:	112418.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 411375-08 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

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

Laboratory Code: 411385-03 (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	97	96	64-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/26/14

Date Received: 11/21/14

Project: SOU_0731-004-05_20141121, F&BI 411398

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411398-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	59	56	10-91	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	82	79	10-101	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	81	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	134 vo	134 vo	14-128	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	87	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	91	89	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	88	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	95	94	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	88	88	27-112	0
Benzene	mg/kg (ppm)	2.5	<0.03	92	94	26-114	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	96	97	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	87	86	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	93	93	27-110	0
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	93	92	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	92	92	38-112	0
o-Xylene	mg/kg (ppm)	2.5	<0.05	89	89	38-113	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	63	42-107
Chloroethane	mg/kg (ppm)	2.5	84	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	84	65-110
Methylene chloride	mg/kg (ppm)	2.5	105	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	92	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	88	72-116
Benzene	mg/kg (ppm)	2.5	91	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	84	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	92	77-110
Ethylbenzene	mg/kg (ppm)	2.5	90	81-114
m,p-Xylene	mg/kg (ppm)	5	89	82-115
o-Xylene	mg/kg (ppm)	2.5	87	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

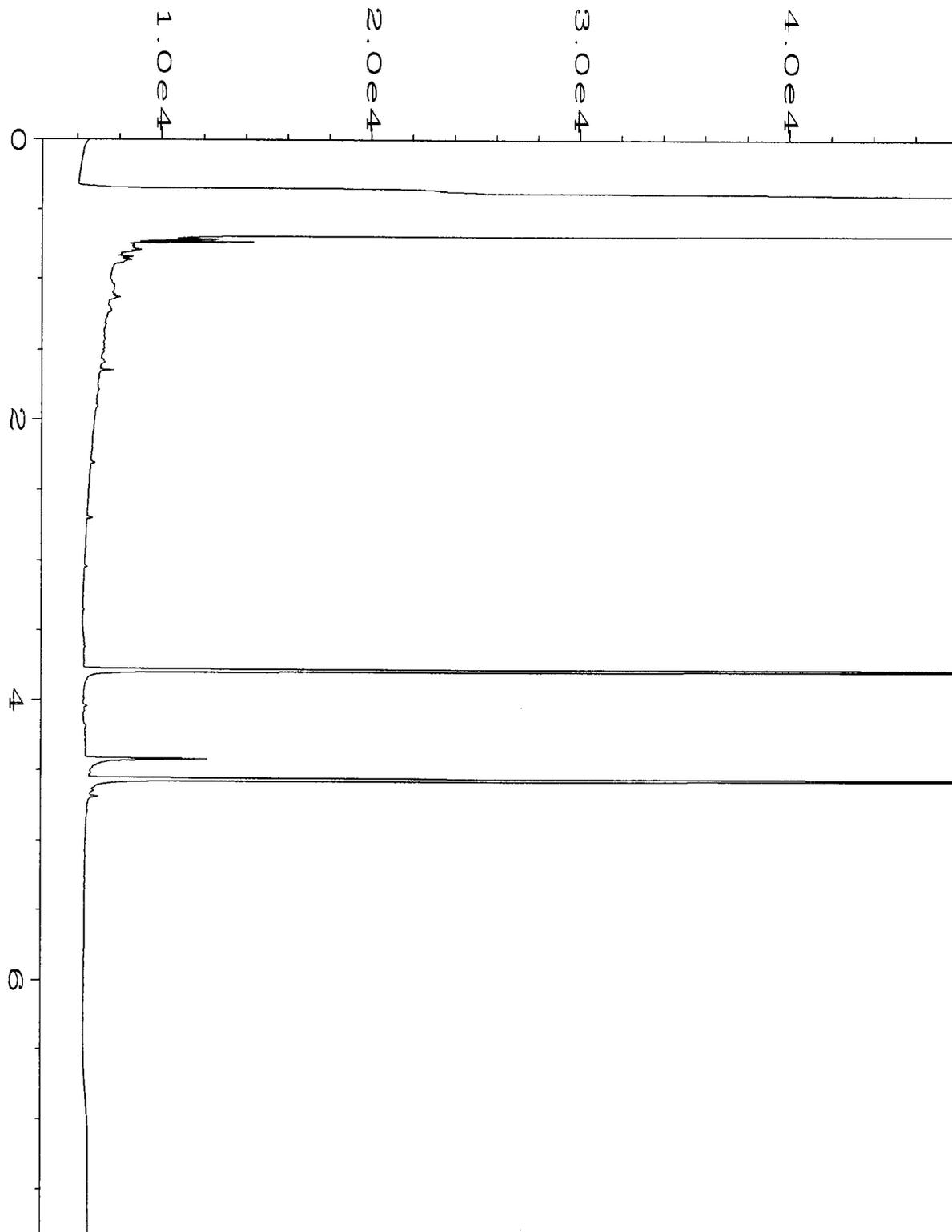
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

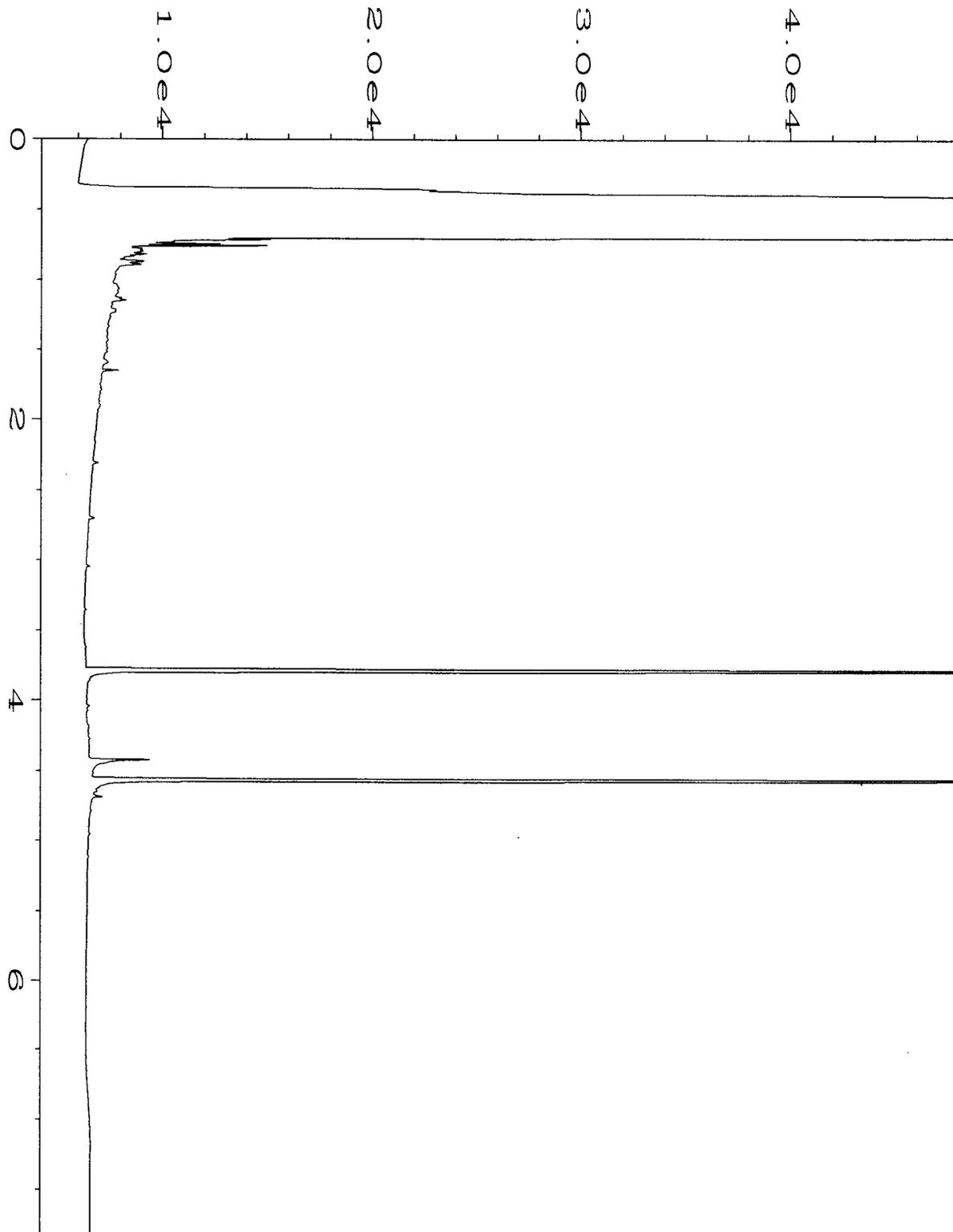
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

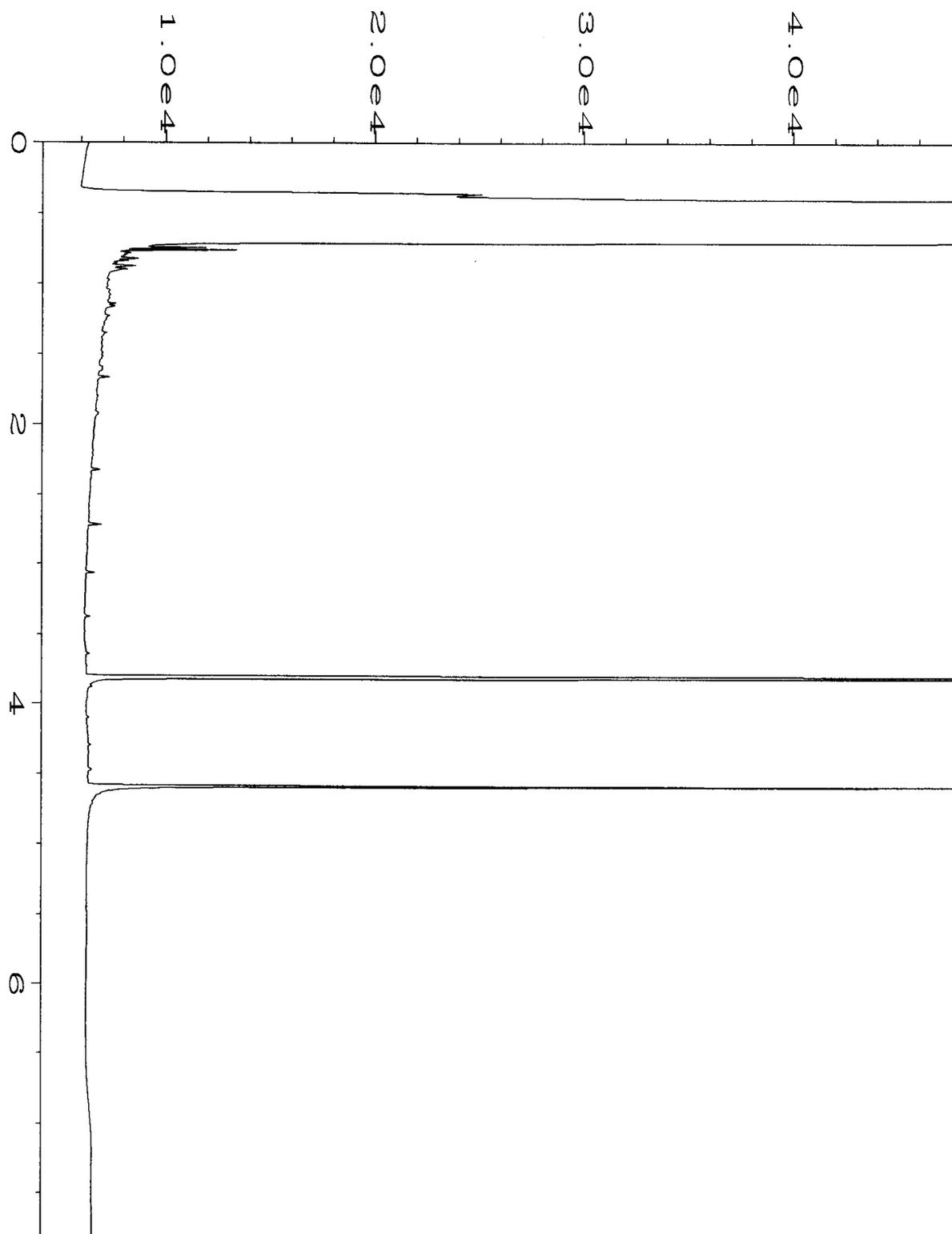
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



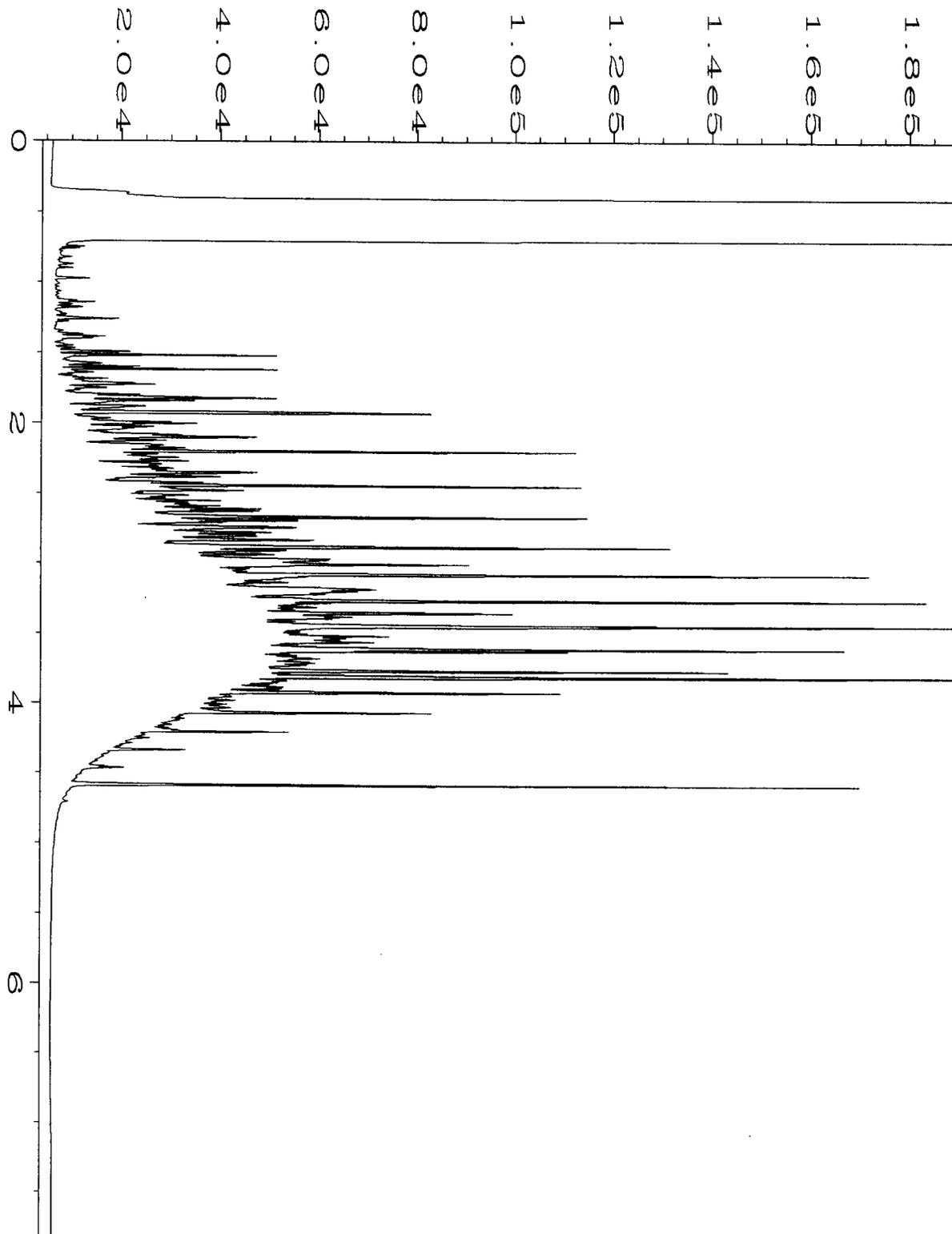
Data File Name	: C:\HPCHEM\6\DATA\11-21-14\041F1101.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 41
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 411398- 01 02m	Sequence Line	: 11
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 07:24 PM	Analysis Method	: DX.MTH
Report Created on:	24 Nov 14 11:28 AM		



Data File Name	: C:\HPCHEM\6\DATA\11-21-14\042F1101.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 42
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 411398-02	Sequence Line	: 11
Run Time Bar Code:	04	Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 07:37 PM	Analysis Method	: DX.MTH
Report Created on:	24 Nov 14 11:28 AM		



Data File Name	: C:\HPCHEM\6\DATA\11-21-14\016F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 16
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 04-2371 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 01:04 PM	Analysis Method	: DX.MTH
Report Created on:	24 Nov 14 11:28 AM		



Data File Name	: C:\HPCHEM\6\DATA\11-21-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 21 Nov 14 09:16 AM	Analysis Method	: DX.MTH
Report Created on:	24 Nov 14 11:28 AM		

411398

SAMPLE CHAIN OF CUSTODY

ME 11-21-14

DO1 / 081

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
O1WSW-35	O1	35	01A5	11/21/14	0740	Soil	5					X	
S1WSW-37	S1	37	02	11/21/14	0745	Soil	5	X	X	X	X		
P1WSW-34	P1	34	03	11/21/14	0800	Soil	5					X	
U1WSW-38	U1	38	04	11/21/14	0900	Soil	5	X	X	X	X		
Go 11/21/14													

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: 				
Received by: 	Courtney Porter	SoundEarth	11/21/14	1435
Relinquished by: 	Matthew Porter	FBS	11/21/14	1475
Received by:				
Samples received at <u>3</u> °C				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on November 26, 2014 from the SOU_0731-004-05_20141126, F&BI 411456 project. Per your request, the sample ID has been amended from E27BTM-35 to E27-35.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1203R.DOC

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

December 3, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 26, 2014 from the SOU_0731-004-05_20141126, F&BI 411456 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1203R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141126, F&BI 411456 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411456 -01	E27-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411456

Date Extracted: 11/26/14

Date Analyzed: 11/26/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-132)
E27-35 411456-01	<0.02	<0.02	<0.02	<0.06	<2	82
Method Blank 04-2392 MB	<0.02	<0.02	<0.02	<0.06	<2	77

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411456

Date Extracted: 12/01/14

Date Analyzed: 12/01/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
E27-35 411456-01	<50	<250	103
Method Blank 04-2407 MB	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	E27-35	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411456
Date Extracted:	11/26/14	Lab ID:	411456-01
Date Analyzed:	11/26/14	Data File:	112625.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141126, F&BI 411456
Date Extracted:	11/26/14	Lab ID:	04-2376 mb2
Date Analyzed:	11/26/14	Data File:	112605.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411456

**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: 411444-01 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	85	69-120
Toluene	mg/kg (ppm)	0.5	86	70-117
Ethylbenzene	mg/kg (ppm)	0.5	85	65-123
Xylenes	mg/kg (ppm)	1.5	83	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411456

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

Laboratory Code: 411456-01 (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	101	93	73-135	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/03/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411456

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411344-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	53	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	64	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	71	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	83	86	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	82	23-115	2
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	86	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	82	22-124	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	82	27-112	0
Trichloroethene	mg/kg (ppm)	2.5	<0.02	85	85	30-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	80	27-110	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	79	42-107
Chloroethane	mg/kg (ppm)	2.5	86	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	65-110
Methylene chloride	mg/kg (ppm)	2.5	96	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	96	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	97	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Trichloroethene	mg/kg (ppm)	2.5	97	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	95	77-110

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

411456

SAMPLE CHAIN OF CUSTODY

ME 11/26/14

VSI/DO1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
E27	E27	35	01A	11/26/14	1005	Soil	5	X	X	X	X	
<p>per PK 2/9/15 ML</p> <p>CRD 11/26/14</p>												

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:	Courtney Porter	SoundEarth	11/26/14	1105
Received by:	James Bruya	F&B	11/26	1105
Relinquished by:				
Received by:				
Samples received at			4	°C

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

December 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on November 26, 2014 from the SOU_0731-004-05_20141126, F&BI 411457 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be 'Michael Erdahl'.

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141126, F&BI 411457 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411457 -01	S1WSW-33
411457 -02	U1WSW-33
411457 -03	V1WSW-34
411457 -04	Y1WSW-35
411457 -05	Z1WSW-35
411457 -06	AA1WSW-36
411457 -07	N1WSW-35
411457 -08	JJ1SSW-42
411457 -09	JJ2SSW-43
411457 -10	JJ6WSW-45
411457 -11	JJ6SSW-40
411457 -12	JJ8SSW-45
411457 -13	JJ8SSW-40
411457 -14	JJ13SSW-40
411457 -15	JJ14SSW-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

Date Extracted: 12/08/14

Date Analyzed: 12/08/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
JJ1SWSW-42 411457-08	<2	83
Method Blank 04-2435 MB	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

Date Extracted: 12/08/14

Date Analyzed: 12/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ1SWSW-42 411457-08	<50	<250	109
Method Blank 04-2464 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1SWSW-42	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/08/14	Lab ID:	411457-08
Date Analyzed:	12/08/14	Data File:	120819.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/08/14	Lab ID:	04-2451 mb
Date Analyzed:	12/08/14	Data File:	120806.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	85	85	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

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

Laboratory Code: 412132-06 (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	220	110	104	73-135	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	49	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	61	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	65	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	70	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	76	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	78	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	84	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	85	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	87	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	89	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

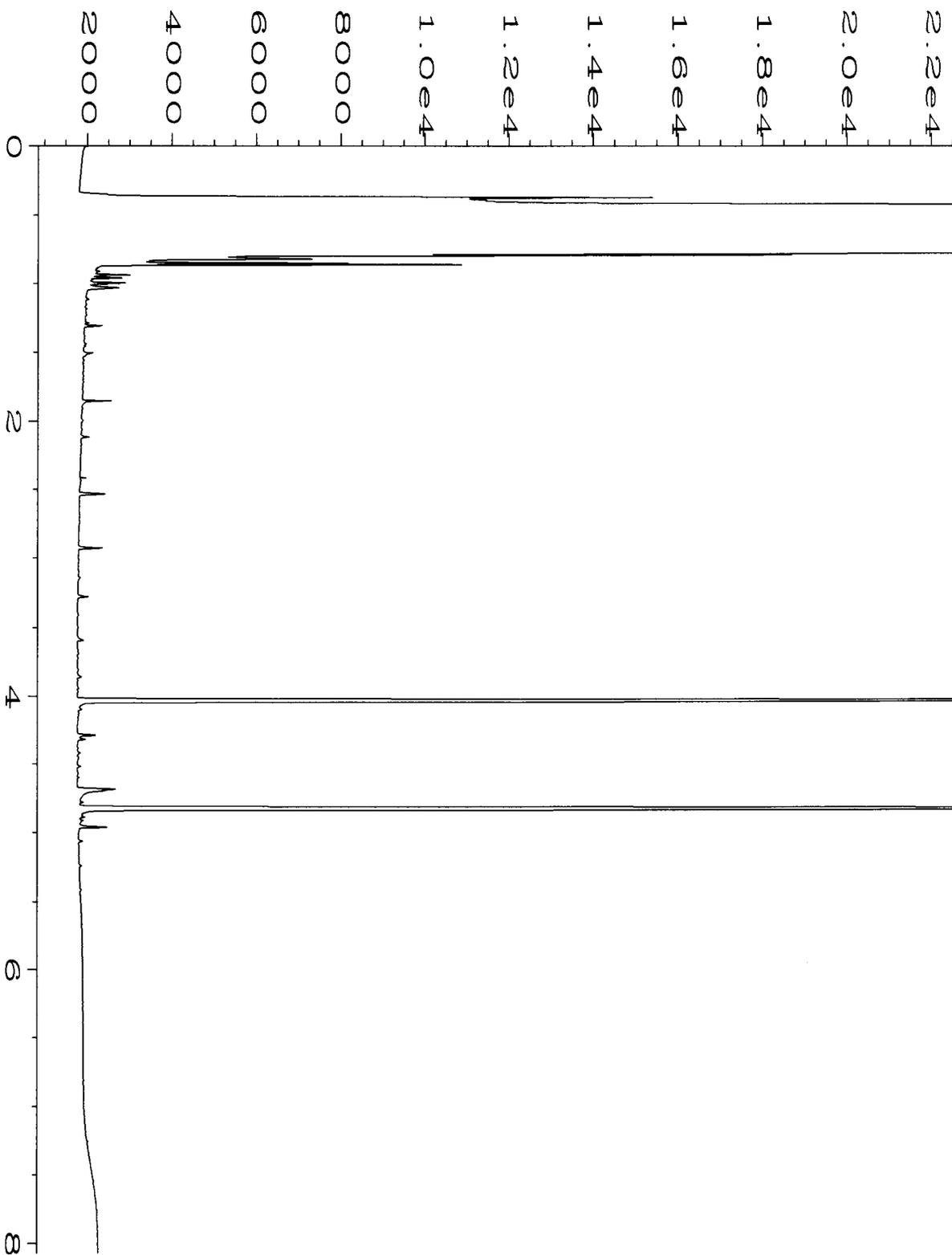
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

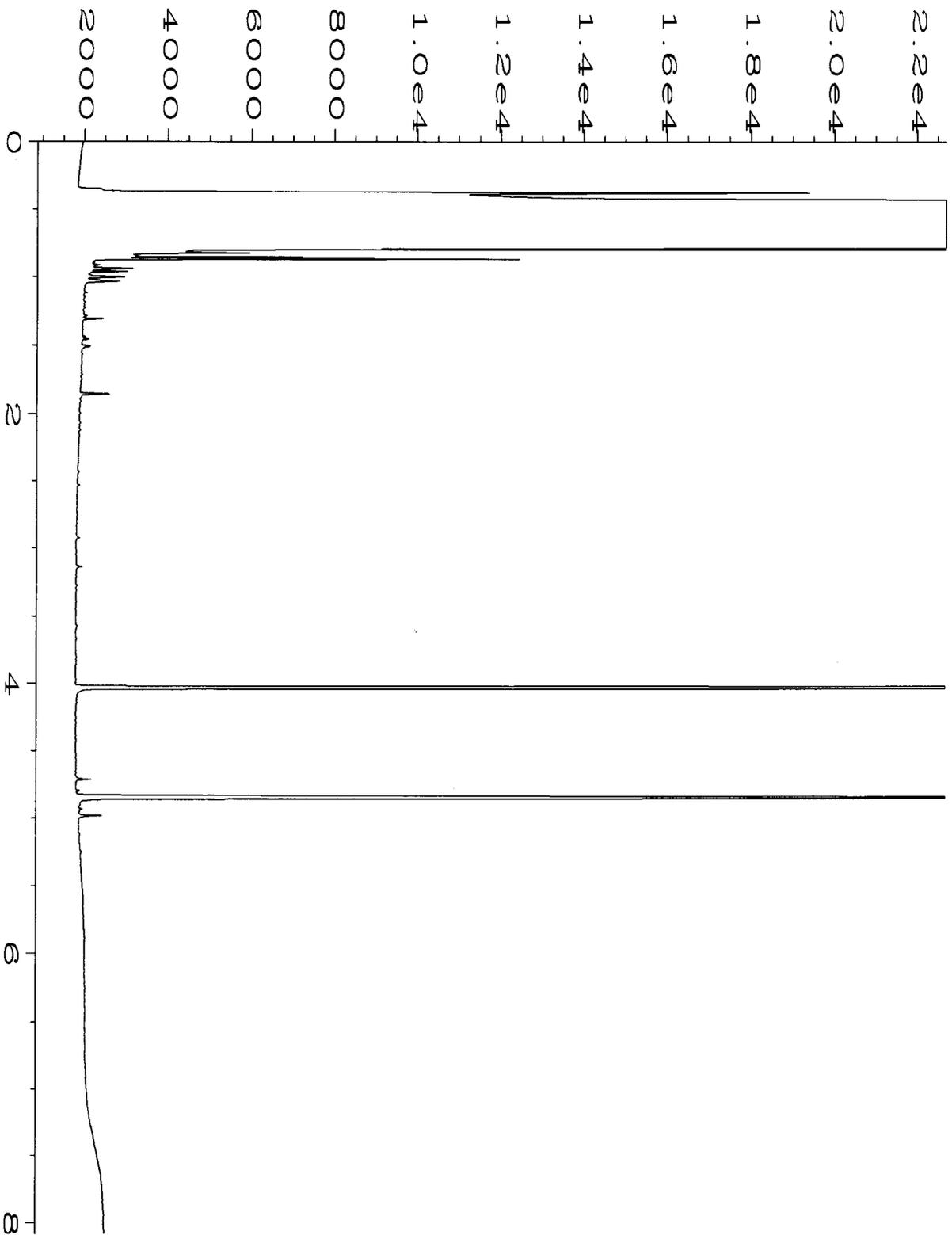
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

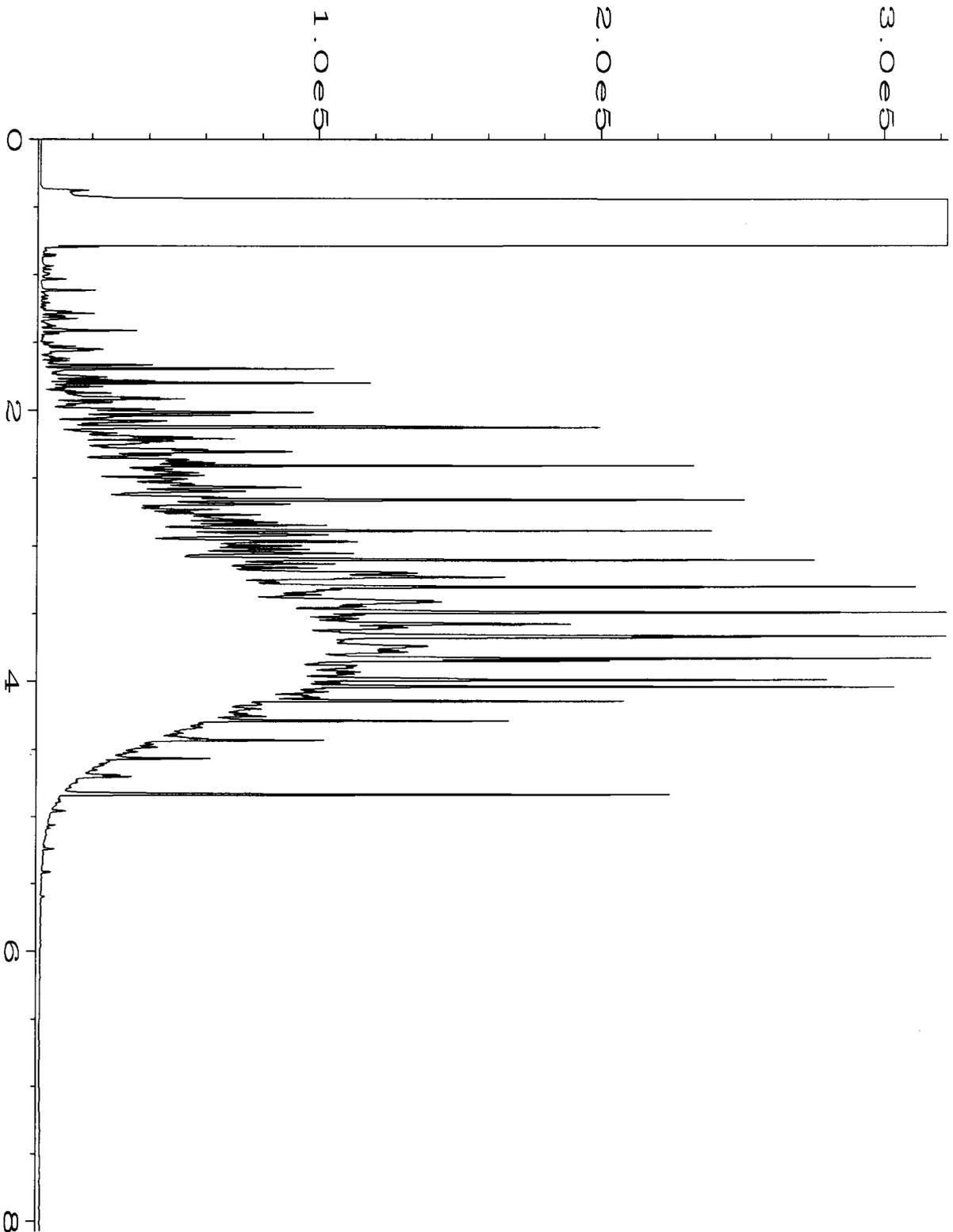
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



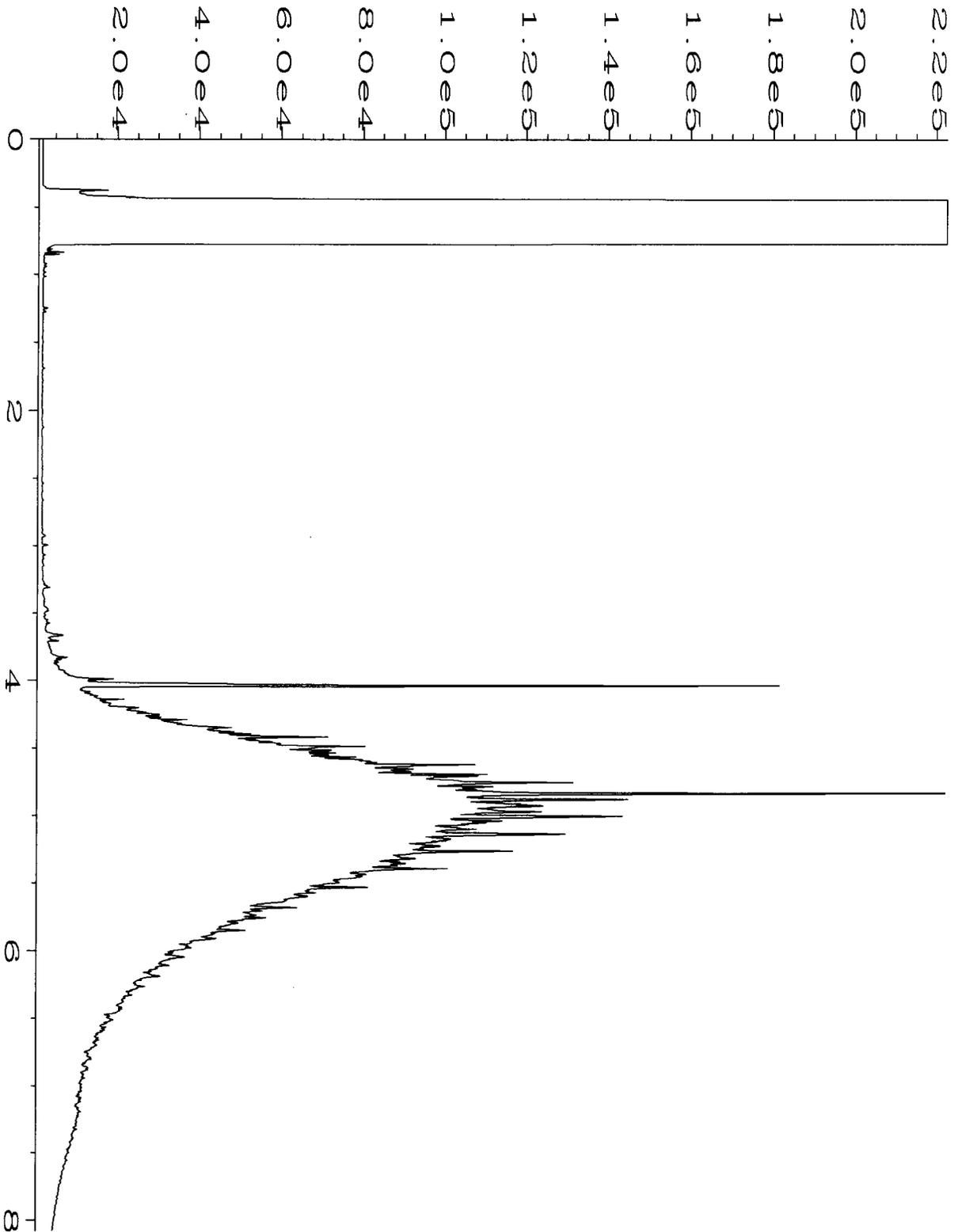
Data File Name	: C:\HPCHEM\4\DATA\12-08-14\040F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 40
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-08	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 08:08 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:42 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-08-14\020F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2464 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 02:51 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:40 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-08-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 06:48 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:40 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-08-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 06:35 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:40 AM		

411457

Send Report To Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLE CHAIN OF CUSTODY

HE 11/26/14 VSA/ 2 203
Page # 1 of 2

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS Q = Run per Rk by 12/1/14 √ = run per CMP 12/8/14	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRAPH by NWTPH-Dx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
S1WSW-33	B1	33	01E	11/24/14	0745	Soil	5	(X)	(X)	(X)	(X)	X	
U1WSW-33	U1	33	02	11/24/14	0750	Soil	5	(X)	(X)	(X)	(X)	X	
V1WSW-34	V1	34	03	11/24/14	0755	Soil	5	(X)	(X)	(X)	(X)	X	
Y1WSW-35	Y1	35	04	11/24/14	0800	Soil	5	(X)	(X)	(X)	(X)	X	
Z1WSW-35	Z1	35	05	11/24/14	0810	Soil	5	(X)	(X)	(X)	(X)	X	
AA1WSW-36	AA1	36	06	11/24/14	0815	Soil	5	(X)	(X)	(X)	(X)	X	
NIWSW-35	NI	35	02	11/24/14	0840	Soil	5	(X)	(X)	(X)	(X)	X	
JJ1WSW-42	JJ1	42	08	11/25/14	1025	Soil	5	✓	✓	✓	✓	X	
JJ2WSW-43	JJ2	43	09	11/25/14	1030	Soil	5					X	
JJ6WSW-45	JJ6	45	10	11/24/14	1105	Soil	5					X	
JJ6WSW-40	JJ6	40	11	11/25/14	1110	Soil	5	(X)	(X)	(X)	(X)	X	
JJ8WSW-45	JJ8	45	12	11/25/14	1210	Soil	5					X	
JJ8WSW-40	JJ8	40	13	11/25/14	1215	Soil	5					X	

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: <i>[Signature]</i>	Courtney Porter	SoundEarth	11/24/14	1105
Received by: <i>[Signature]</i>	James P. [Signature]	F&B	11/26	1105
Relinquished by:				
Received by:				

Samples received at 4

411457

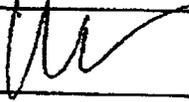
Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E. Suite 2000

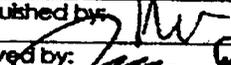
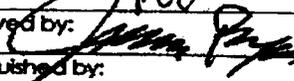
City, State, ZIP Seattle, WA 98102

SAMPLE CHAIN OF CUSTODY

SAMPLERS (signature) 		ME 11/26/14	Page # <u>2</u> of <u>2</u> ^{VS2/DOJ}
PROJECT NAME/NO. Troy Laundry Property		PO # 0731-004-05	TURNAROUND TIME Standard (2 Weeks) RUSH Rush charges authorized by:
REMARKS		EIM Y	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	GRPH by MWTPH-Dx	BTEX by EPA 8021B	DRPHORPH by MWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ1355W-40	JJ13	40	ME 14	11/25/14	1305	SOIL	5						
JJ1455W-40	JJ14	40	ME 15	11/25/14	1310	SOIL	5	⊗	⊗	⊗	⊗	⊗	
CP 11/26/14													

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: 	Courtney Porter	SoundEarth	11/24/14	
Received by: 	James Bruya	FE B	11/26	1105
Relinquished by:				
Received by:				
Samples received at			<u>4</u>	

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

December 5, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on November 26, 2014 from the SOU_0731-004-05_20141126, F&BI 411457 project. There are 16 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1205R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 26, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141126, F&BI 411457 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
411457 -01	S1WSW-33
411457 -02	U1WSW-33
411457 -03	V1WSW-34
411457 -04	Y1WSW-35
411457 -05	Z1WSW-35
411457 -06	AA1WSW-36
411457 -07	N1WSW-35
411457 -08	JJ1SSW-42
411457 -09	JJ2SSW-43
411457 -10	JJ6WSW-45
411457 -11	JJ6SSW-40
411457 -12	JJ8SSW-45
411457 -13	JJ8SSW-40
411457 -14	JJ13SSW-40
411457 -15	JJ14SSW-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

Date Extracted: 12/03/14

Date Analyzed: 12/03/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-33 411457-01	<2	100
U1WSW-33 411457-02	<2	94
V1WSW-34 411457-03	<2	100
Y1WSW-35 411457-04	<2	93
Z1WSW-35 411457-05	<2	100
AA1WSW-36 411457-06	<2	93
JJ6SSW-40 411457-11	<2	100
JJ14SSW-40 411457-15	<2	94
Method Blank 04-2397 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

Date Extracted: 12/02/14

Date Analyzed: 12/02/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
S1WSW-33 411457-01	<50	<250	97
U1WSW-33 411457-02	<50	<250	93
V1WSW-34 411457-03	<50	<250	95
Y1WSW-35 411457-04	<50	<250	98
Z1WSW-35 411457-05	<50	<250	97
AA1WSW-36 411457-06	<50	<250	98
JJ6SSW-40 411457-11	<50	<250	96
JJ14SSW-40 411457-15	<50	<250	105
Method Blank 04-2416 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-33	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-01
Date Analyzed:	12/02/14	Data File:	120230.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-33	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-02
Date Analyzed:	12/02/14	Data File:	120231.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-34	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-03
Date Analyzed:	12/02/14	Data File:	120232.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-35	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-04
Date Analyzed:	12/02/14	Data File:	120233.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.038

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-35	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-05
Date Analyzed:	12/02/14	Data File:	120234.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	93	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.036

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-36	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-06
Date Analyzed:	12/02/14	Data File:	120235.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.028

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ6SSW-40	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-11
Date Analyzed:	12/02/14	Data File:	120236.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-40	Client:	SoundEarth Strategies
Date Received:	11/26/14	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	411457-15
Date Analyzed:	12/02/14	Data File:	120237.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141126, F&BI 411457
Date Extracted:	12/02/14	Lab ID:	04-2380 mb
Date Analyzed:	12/02/14	Data File:	120228.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412052-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

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

Laboratory Code: 412036-01 (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	96	105	73-135	9

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 11/26/14

Project: SOU_0731-004-05_20141126, F&BI 411457

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411457-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	52	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	62	66	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	70	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	83	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	77	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	81	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	85	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	82	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	84	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	76	80	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	86	30-112	5
Toluene	mg/kg (ppm)	2.5	<0.05	84	89	34-112	6
Tetrachloroethene	mg/kg (ppm)	2.5	0.026	82	86	27-110	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	93	38-111	7
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	94	38-112	5
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	99	38-113	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	42-107
Chloroethane	mg/kg (ppm)	2.5	88	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	98	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	72-116
Benzene	mg/kg (ppm)	2.5	91	75-107
Trichloroethene	mg/kg (ppm)	2.5	96	72-107
Toluene	mg/kg (ppm)	2.5	99	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110
Ethylbenzene	mg/kg (ppm)	2.5	102	81-114
m,p-Xylene	mg/kg (ppm)	5	105	82-115
o-Xylene	mg/kg (ppm)	2.5	108	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

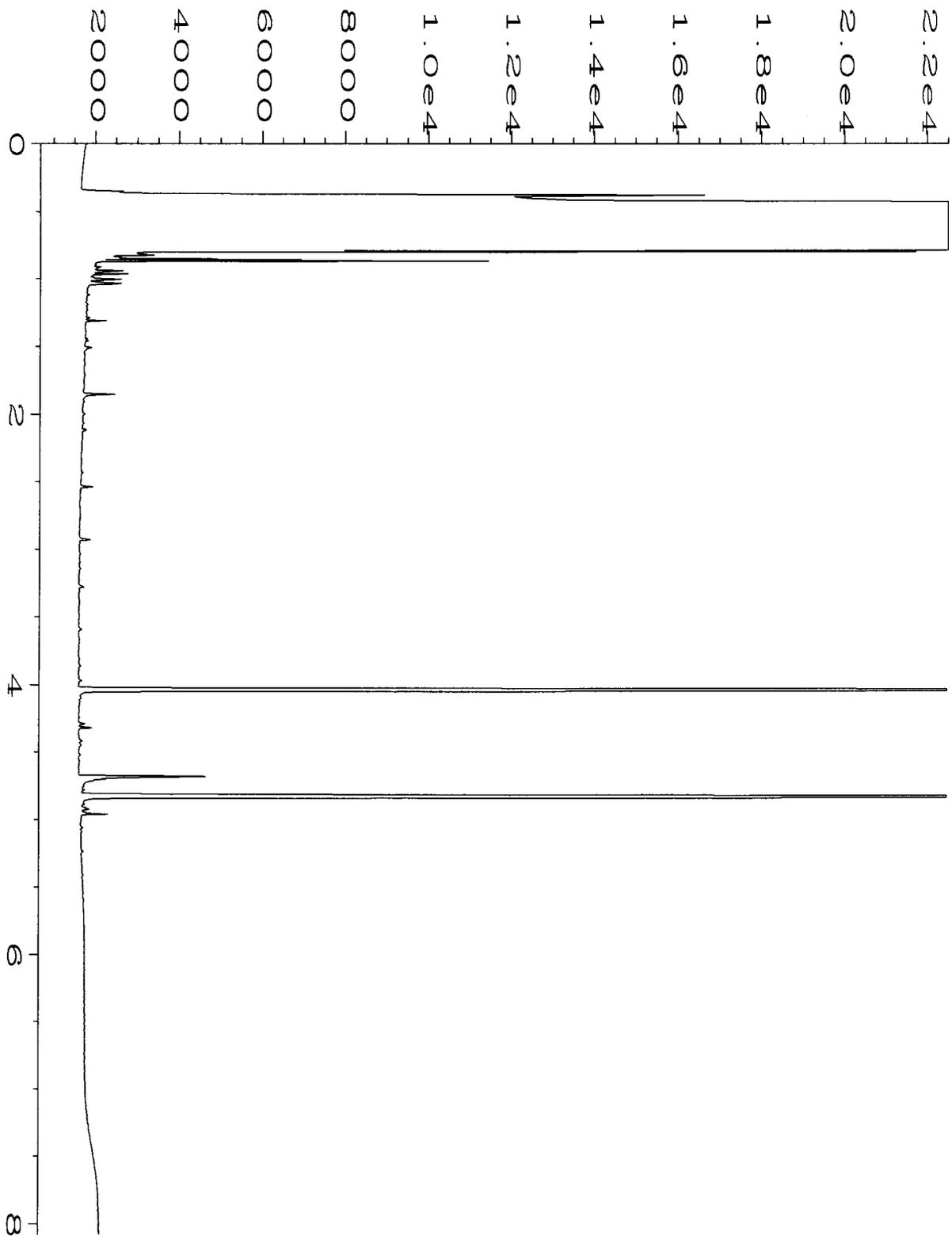
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

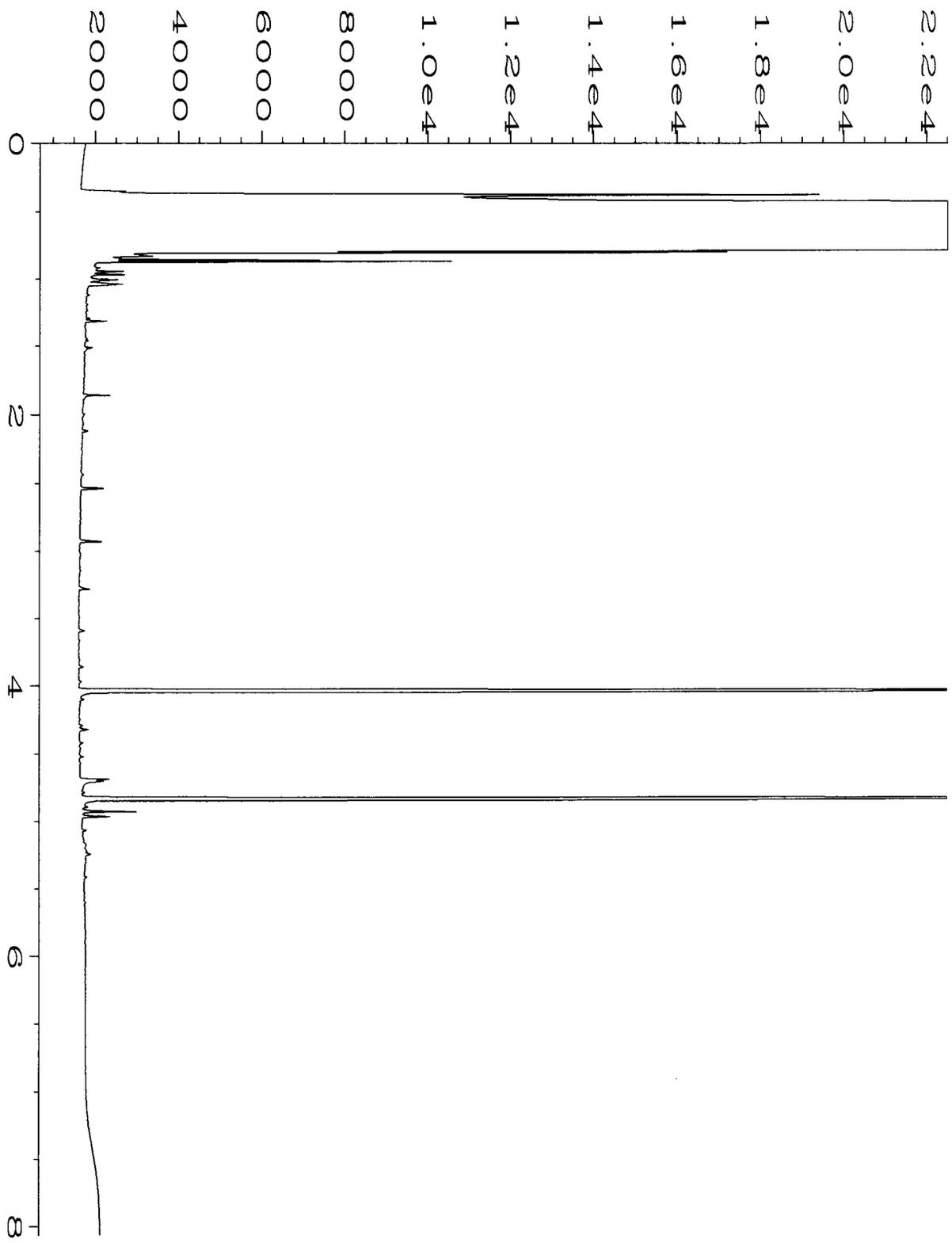
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

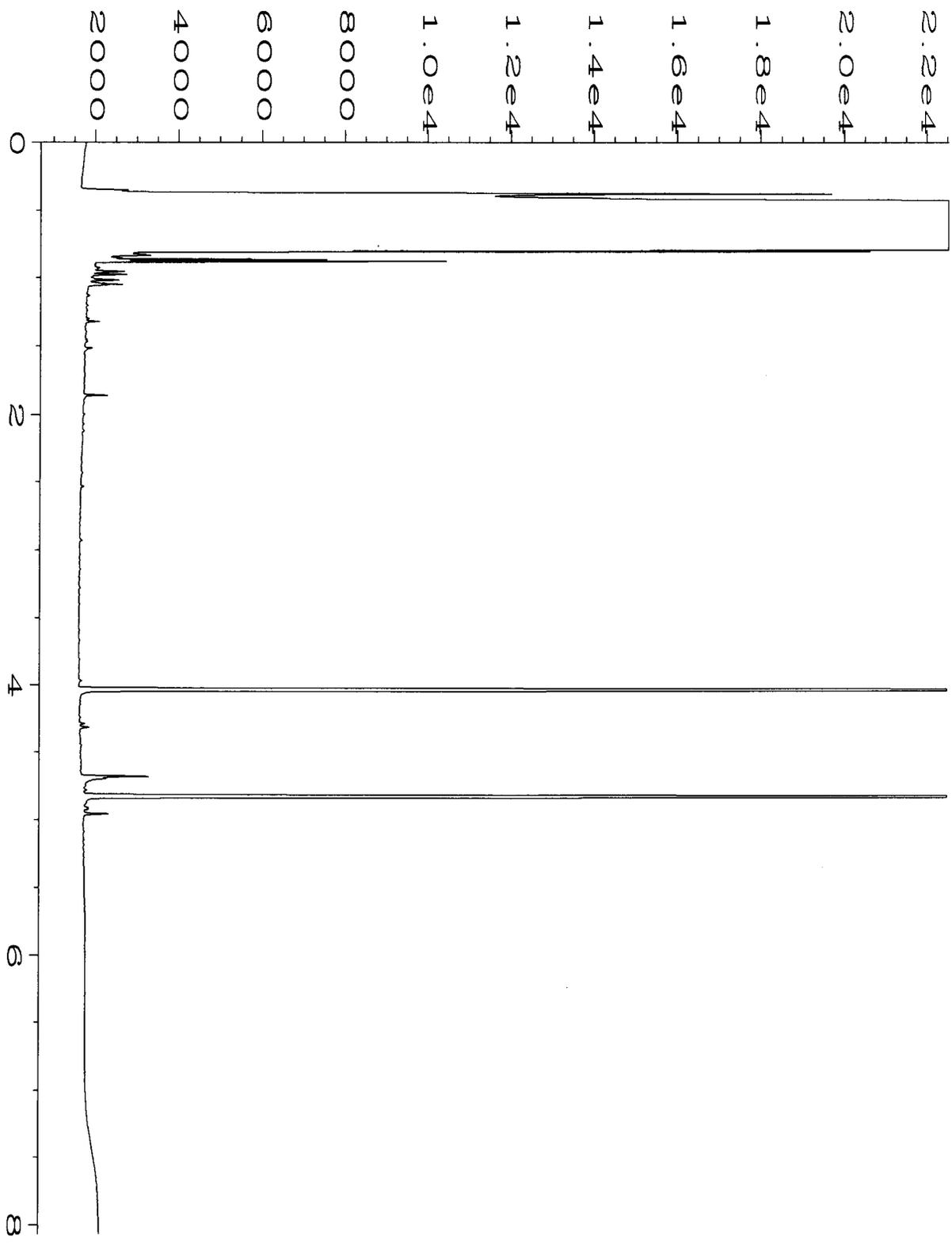
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



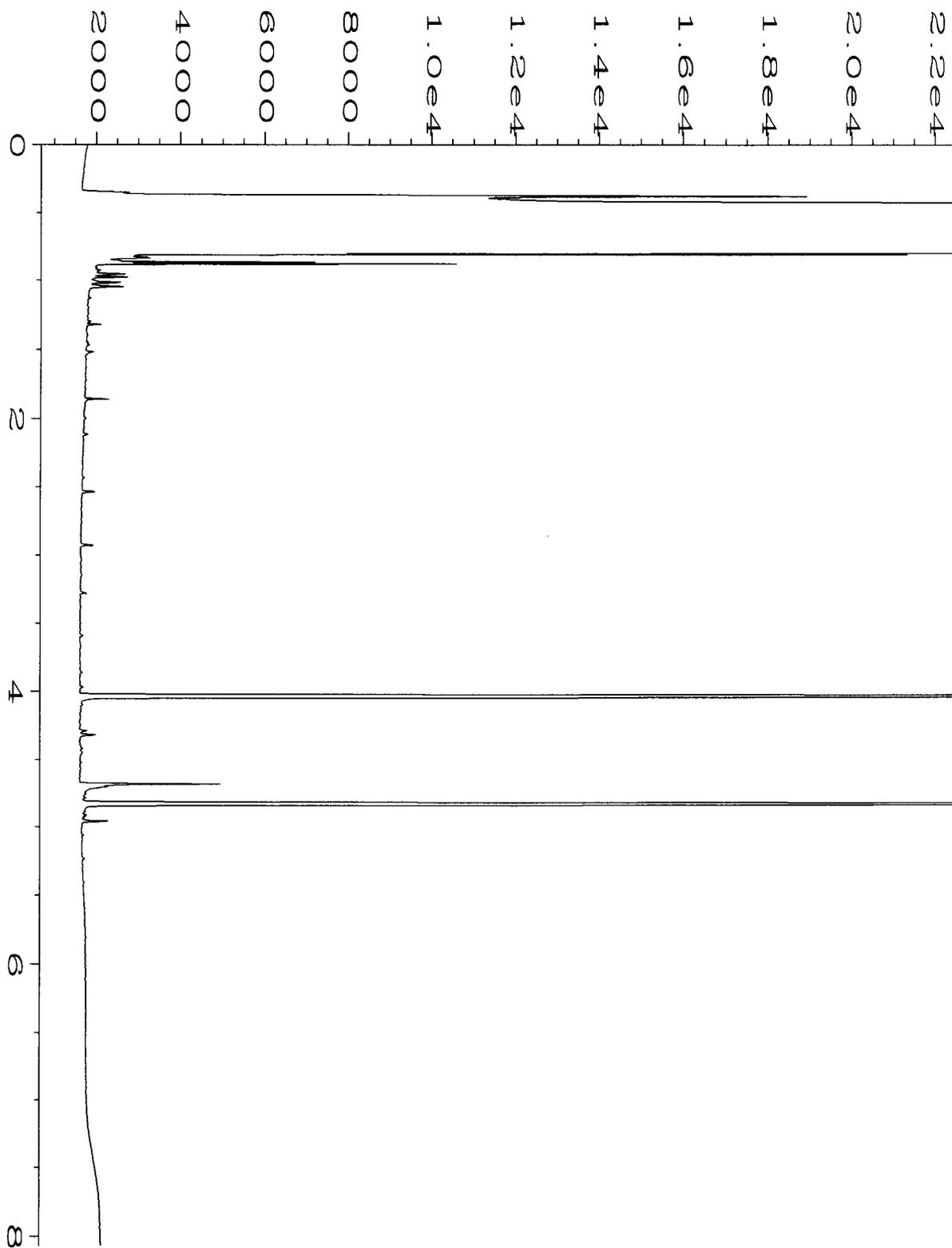
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Operator	: mwdl	Vial Number	: 36
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-01	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 07:30 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:26 PM		



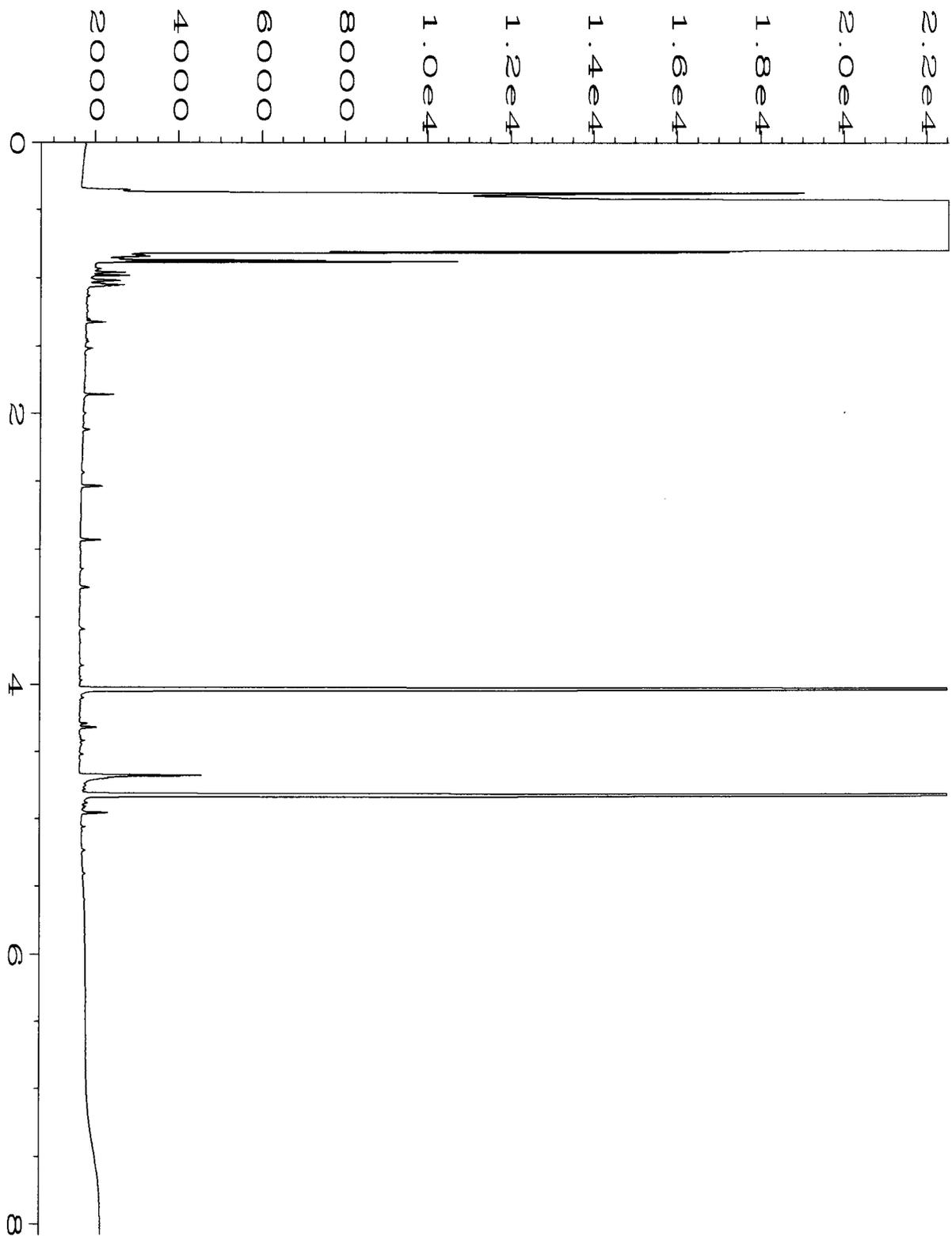
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Operator	: mwd1	Vial Number	: 37
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-02	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 07:43 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:26 PM		



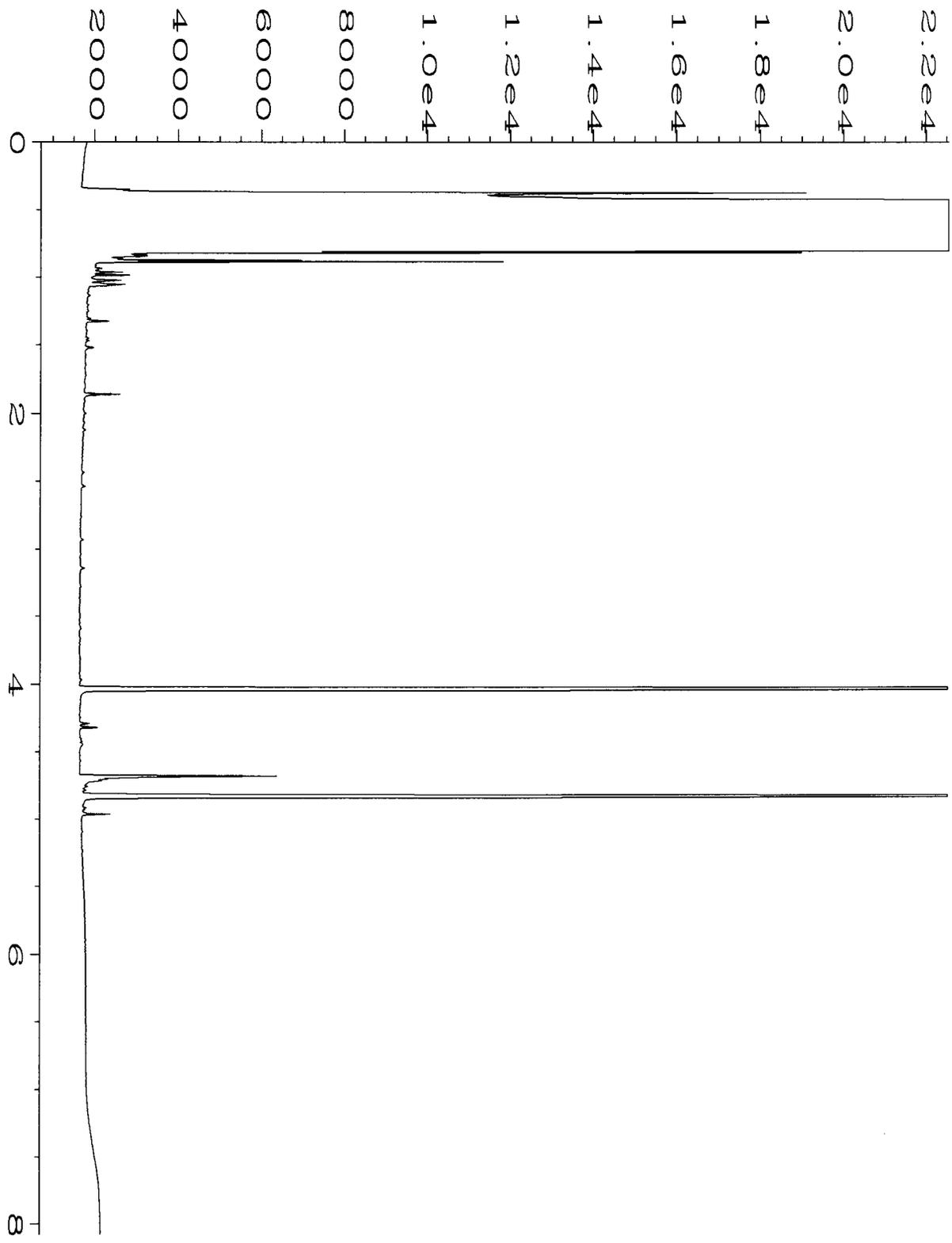
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-03	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 07:56 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:26 PM		



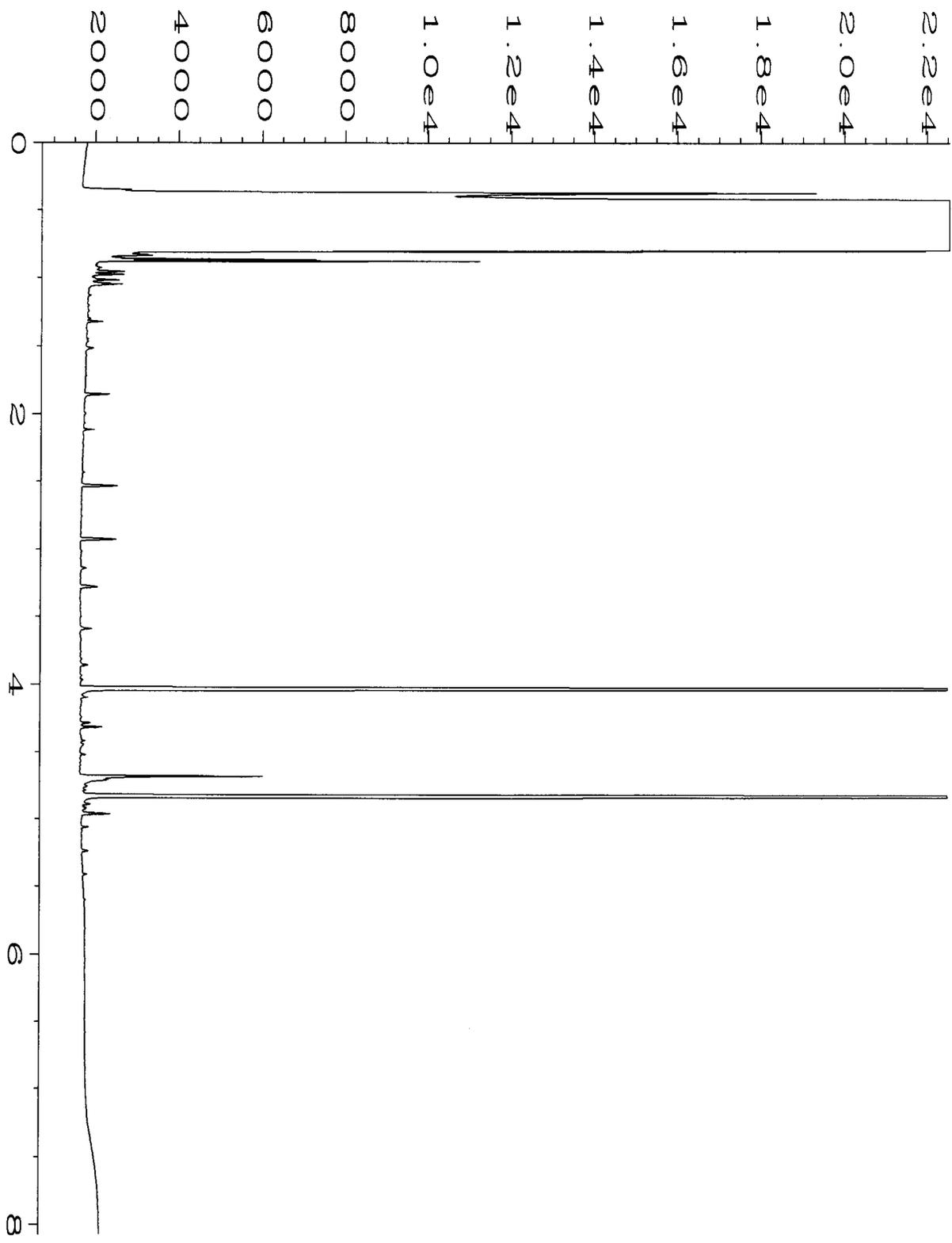
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Operator	: mwd1	Vial Number	: 39
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-04	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 08:09 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:26 PM		



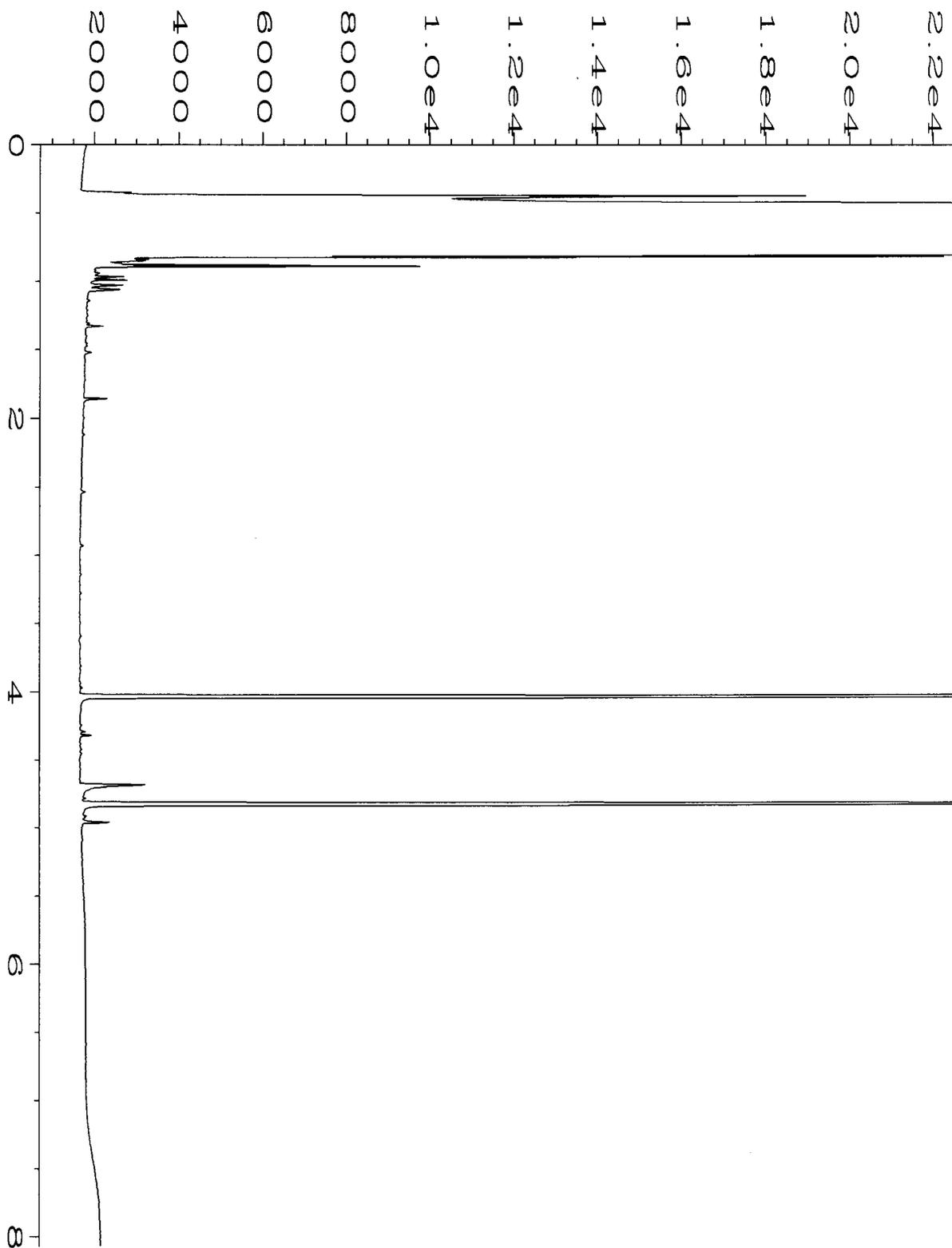
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Sample Name	: 411457-05	Sequence Line	: 10
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Report Created on:	02 Dec 14 10:26 PM		



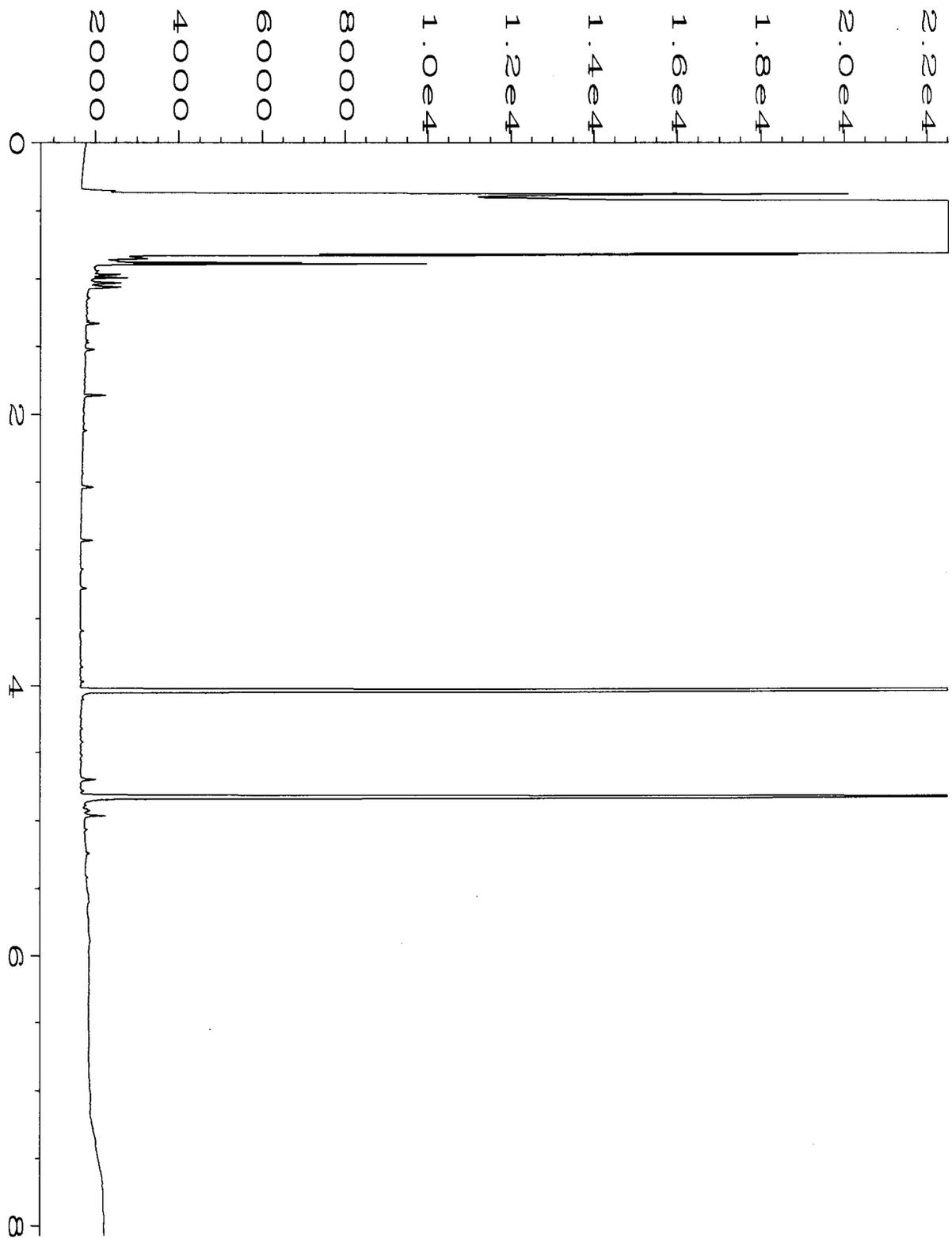
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Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-06	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
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Report Created on:	02 Dec 14 10:27 PM		



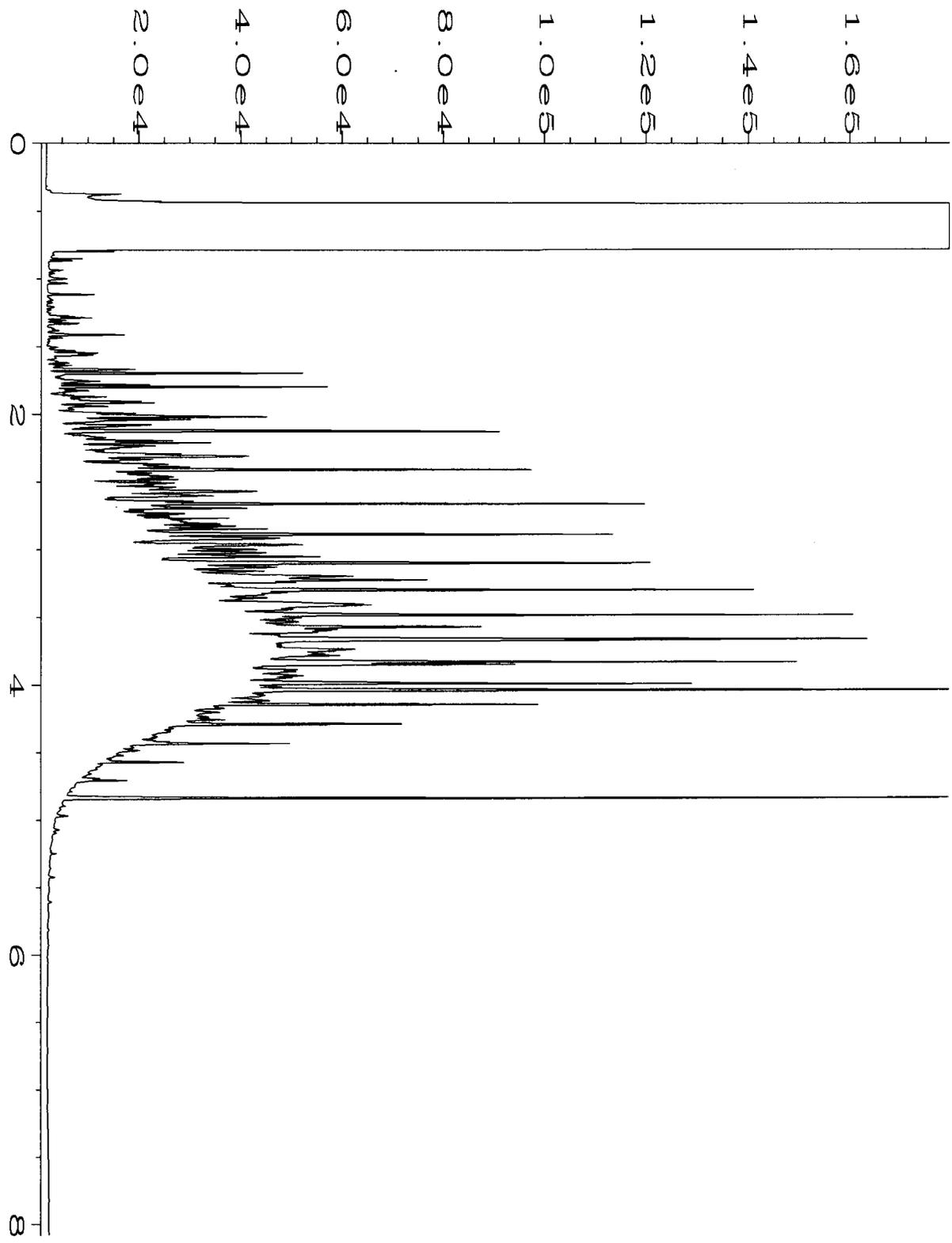
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Operator	: mwdl	Vial Number	: 42
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-11	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 08:48 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:27 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\043F1001.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 43
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 411457-15	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 09:01 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:27 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\029F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2416 mb	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 05:59 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:28 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\003F0201.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 09:25 AM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:25 PM		

411457

SAMPLE CHAIN OF CUSTODY

ME 11/26/14

VSA/ 2 203

Send Report To Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)		Page # <u>1</u> of <u>2</u>
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
REMARKS Q = Run per Rk on 12/1/14	EIM Y	SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	FIELD	Notes
S1WSW-33	B1	33	01 ^A	11/24/14	0745	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
U1WSW-33	U1	33	02	11/24/14	0750	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
V1WSW-34	V1	34	03	11/24/14	0755	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
Y1WSW-35	Y1	35	04	11/24/14	0800	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
Z1WSW-35	Z1	35	05	11/24/14	0810	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
AA1WSW-36	AA1	36	06	11/24/14	0815	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
NIWSW-35	NI	35	07	11/24/14	0840	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
JJ1WSW-42	JJ1	42	08	11/25/14	1025	Soil	5					X	
JJ2WSW-43	JJ2	43	09	11/25/14	1030	Soil	5					X	
JJ6SSW-45	JJ6	45	10	11/25/14	1105	Soil	5					X	
JJ6SSW-40	JJ6	40	11	11/25/14	1110	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
JJ8SSW-45	JJ8	45	12	11/25/14	1210	Soil	5					X	
JJ8SSW-40	JJ8	40	13	11/25/14	1215	Soil	5					X	

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:	Courtney Porter	SoundEarth	11/24/14	1105
Received by:	James P. Piro	F&B	11/26	1105
Relinquished by:				
Received by:		Samples received at	4	°C

411457

SAMPLE CHAIN OF CUSTODY

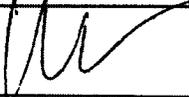
ME 11/26/14 Page # 2 of 2 ^{VS2} / DO3

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

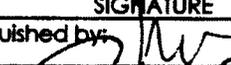
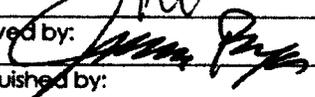
Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		TURNAROUND TIME
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
REMARKS	EIM Y	SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ135SW-40	JJ13	40	14E	11/24/14	1305	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
JJ145SW-40	JJ14	40	151	11/25/14	1310	SOIL	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
CP 11/26/14													

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: 	Courtney Porter	SoundEarth	11/24/14	
Received by: 	JAMES BRUYA	FB	11/26	1105
Relinquished by:				
Received by:		Samples received at	4	°C

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

December 2, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 1, 2014 from the SOU_0731-004-05_20141201, F&BI 412012 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in blue ink on a white background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1202R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 1, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141201, F&BI 412012 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412012 -01	BB1-35
412012 -02	BB1-30
412012 -03	Duplicate 24

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB1-35	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412012
Date Extracted:	12/01/14	Lab ID:	412012-01
Date Analyzed:	12/01/14	Data File:	120128.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.037

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BB1-30	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412012
Date Extracted:	12/01/14	Lab ID:	412012-02
Date Analyzed:	12/01/14	Data File:	120129.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.045

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Duplicate 24	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412012
Date Extracted:	12/01/14	Lab ID:	412012-03
Date Analyzed:	12/02/14	Data File:	120205.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.060

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141201, F&BI 412012
Date Extracted:	12/01/14	Lab ID:	04-2378 mb
Date Analyzed:	12/01/14	Data File:	120108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	102	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/02/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412012

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412010-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	54	10-91	8
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	73	10-101	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	79	11-103	11
Methylene chloride	mg/kg (ppm)	2.5	<0.5	85	96	14-128	12
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	85	13-112	9
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	81	87	23-115	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	92	25-120	9
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	82	83	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	86	94	27-112	9
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	84	30-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	79	27-110	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	68	68	42-107	0
Chloroethane	mg/kg (ppm)	2.5	83	82	47-115	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	92	65-110	0
Methylene chloride	mg/kg (ppm)	2.5	103	102	62-119	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	94	96	71-113	2
1,1-Dichloroethane	mg/kg (ppm)	2.5	97	98	76-109	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	101	77-110	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	96	80-109	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	100	72-116	4
Trichloroethene	mg/kg (ppm)	2.5	100	103	72-107	3
Tetrachloroethene	mg/kg (ppm)	2.5	90	96	77-110	6

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412012

SAMPLE CHAIN OF CUSTODY

ME 12/01/14

Page # 1 of 1 v51

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
BBI-35	BBI	35'	01 A-D	12/1/14	0845	SOIL	4				X	
BBI-30	BBI	30'	02	12/1/14	0855	SOIL	4				X	
DUPLICATE 24			03	12/1/14	0900	SOIL	4				X	

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:	JONATHAN LOEFFLER	SOUNDEARTH	12/1/14	1451
Received by:	JAMES BRUYA	F&B	12/1	1451
Relinquished by:				
Received by:				

Notes received at 6:00

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

December 5, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 1, 2014 from the SOU_0731-004-05_20141201, F&BI 412013 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1205R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 1, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0731-004-05 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412013 -01	JJ4SSW-44
412013 -02	AA1WSW-31
412013 -03	Z1WSW-30
412013 -04	Y1WSW-30
412013 -05	DUPLICATE25
412013 -06	DUPLICATE26

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412013

Date Extracted: 12/03/14

Date Analyzed: 12/03/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
AA1WSW-31 412013-02	<2	83
Z1WSW-30 412013-03	<2	100
Y1WSW-30 412013-04	<2	96
DUPLICATE25 412013-05	<2	100
DUPLICATE26 412013-06	<2	95
Method Blank 04-2396 MB	<2	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412013

Date Extracted: 12/02/14

Date Analyzed: 12/02/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
AA1WSW-31 412013-02	<50	<250	98
Z1WSW-30 412013-03	<50	<250	98
Y1WSW-30 412013-04	<50	<250	96
DUPLICATE25 412013-05	<50	<250	100
DUPLICATE26 412013-06	<50	<250	94
Method Blank 04-2413 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-31	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	412013-02
Date Analyzed:	12/02/14	Data File:	120241.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-30	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	412013-03
Date Analyzed:	12/02/14	Data File:	120242.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-30	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	412013-04
Date Analyzed:	12/03/14	Data File:	120243.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.035

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE25	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	412013-05
Date Analyzed:	12/03/14	Data File:	120244.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.029

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DUPLICATE26	Client:	SoundEarth Strategies
Date Received:	12/01/14	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	412013-06
Date Analyzed:	12/03/14	Data File:	120245.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.031

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141201, F&BI 412013
Date Extracted:	12/02/14	Lab ID:	04-2380 mb
Date Analyzed:	12/02/14	Data File:	120228.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412013

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412017-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412013

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

Laboratory Code: 412013-02 (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	104	102	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/05/14

Date Received: 12/01/14

Project: SOU_0731-004-05_20141201, F&BI 412013

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411457-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	52	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	62	66	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	70	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	83	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	77	13-112	7
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	81	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	85	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	79	82	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	80	84	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	76	80	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	86	30-112	5
Toluene	mg/kg (ppm)	2.5	<0.05	84	89	34-112	6
Tetrachloroethene	mg/kg (ppm)	2.5	0.026	82	86	27-110	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	93	38-111	7
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	94	38-112	5
o-Xylene	mg/kg (ppm)	2.5	<0.05	93	99	38-113	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	81	42-107
Chloroethane	mg/kg (ppm)	2.5	88	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	98	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	96	72-116
Benzene	mg/kg (ppm)	2.5	91	75-107
Trichloroethene	mg/kg (ppm)	2.5	96	72-107
Toluene	mg/kg (ppm)	2.5	99	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110
Ethylbenzene	mg/kg (ppm)	2.5	102	81-114
m,p-Xylene	mg/kg (ppm)	5	105	82-115
o-Xylene	mg/kg (ppm)	2.5	108	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

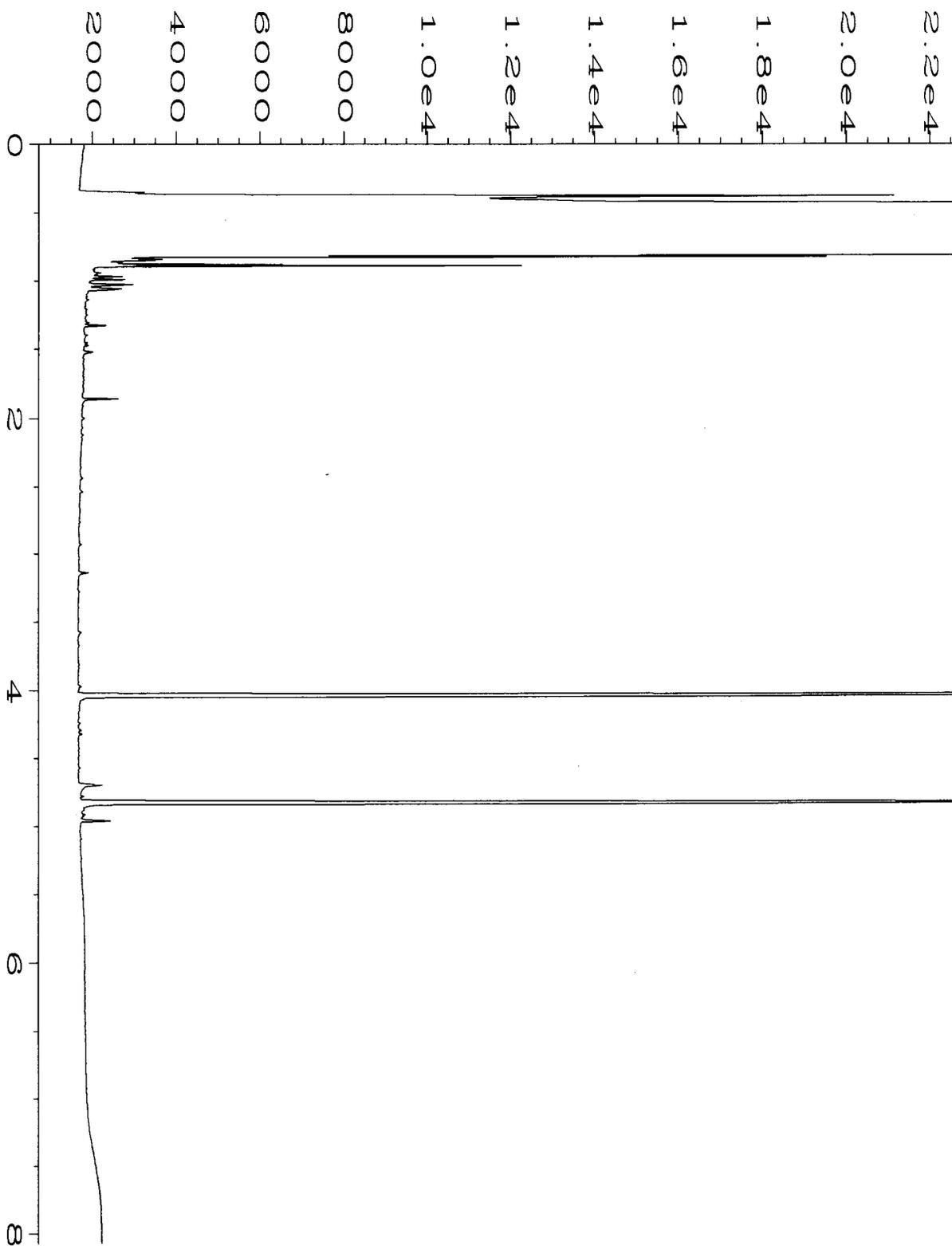
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

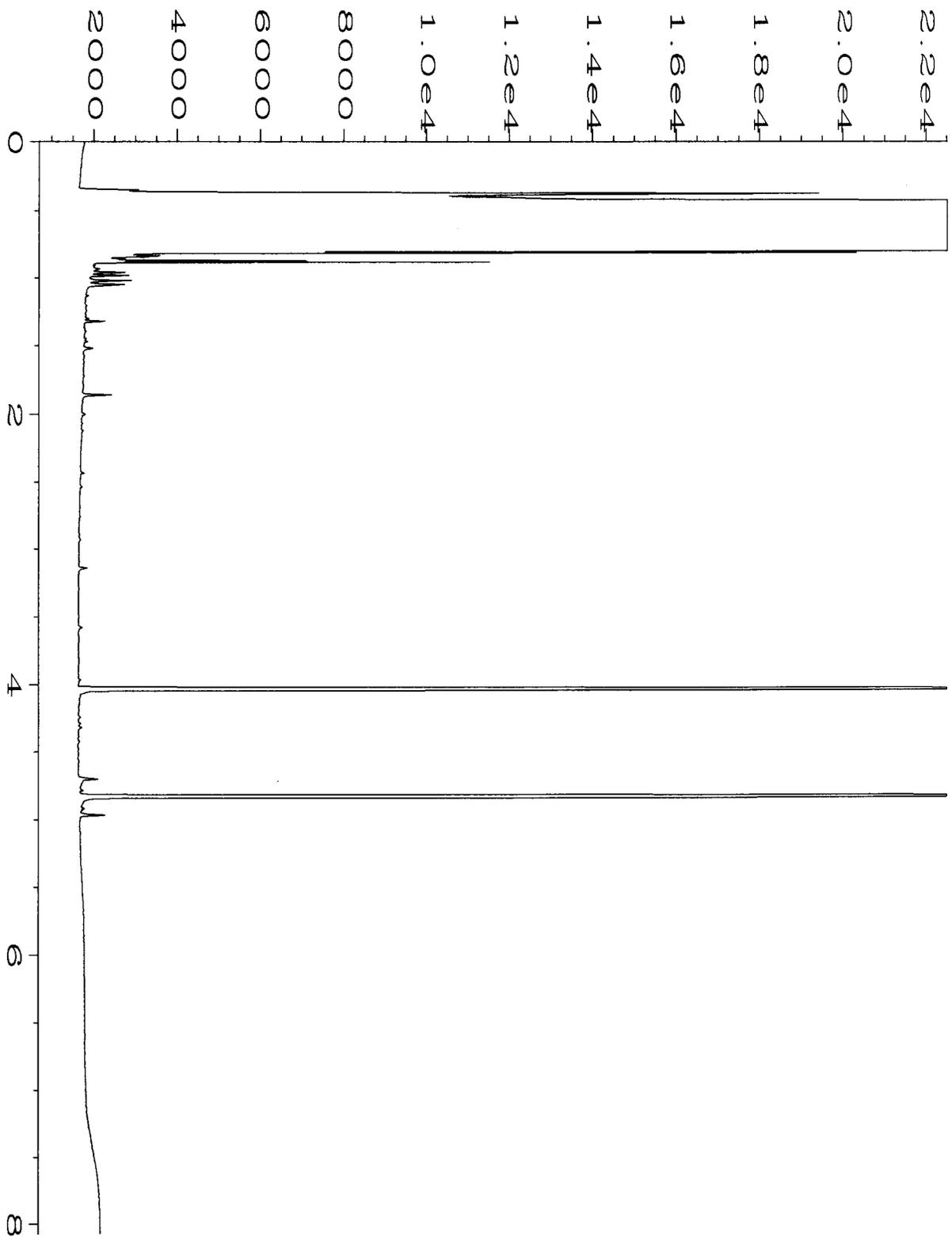
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

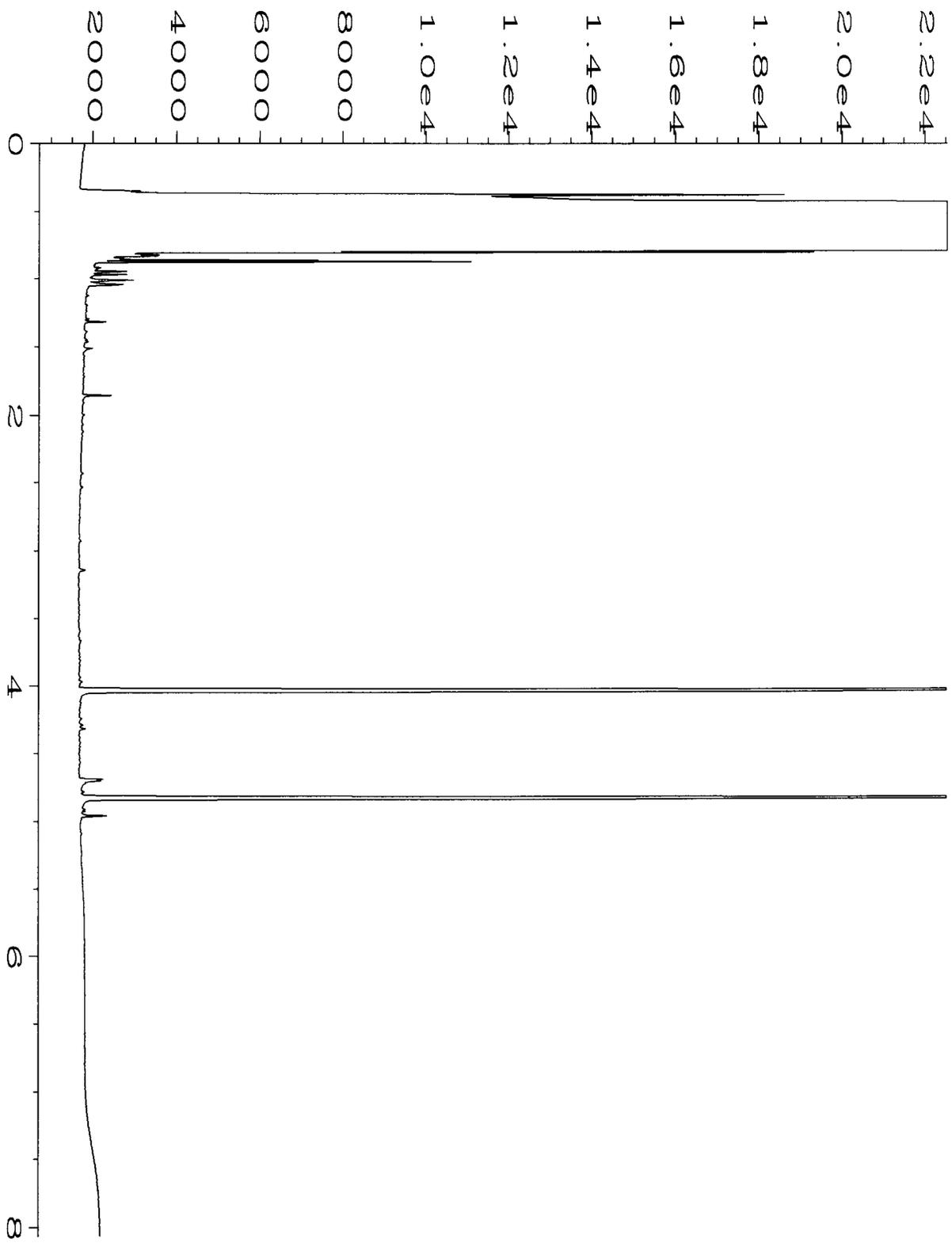
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



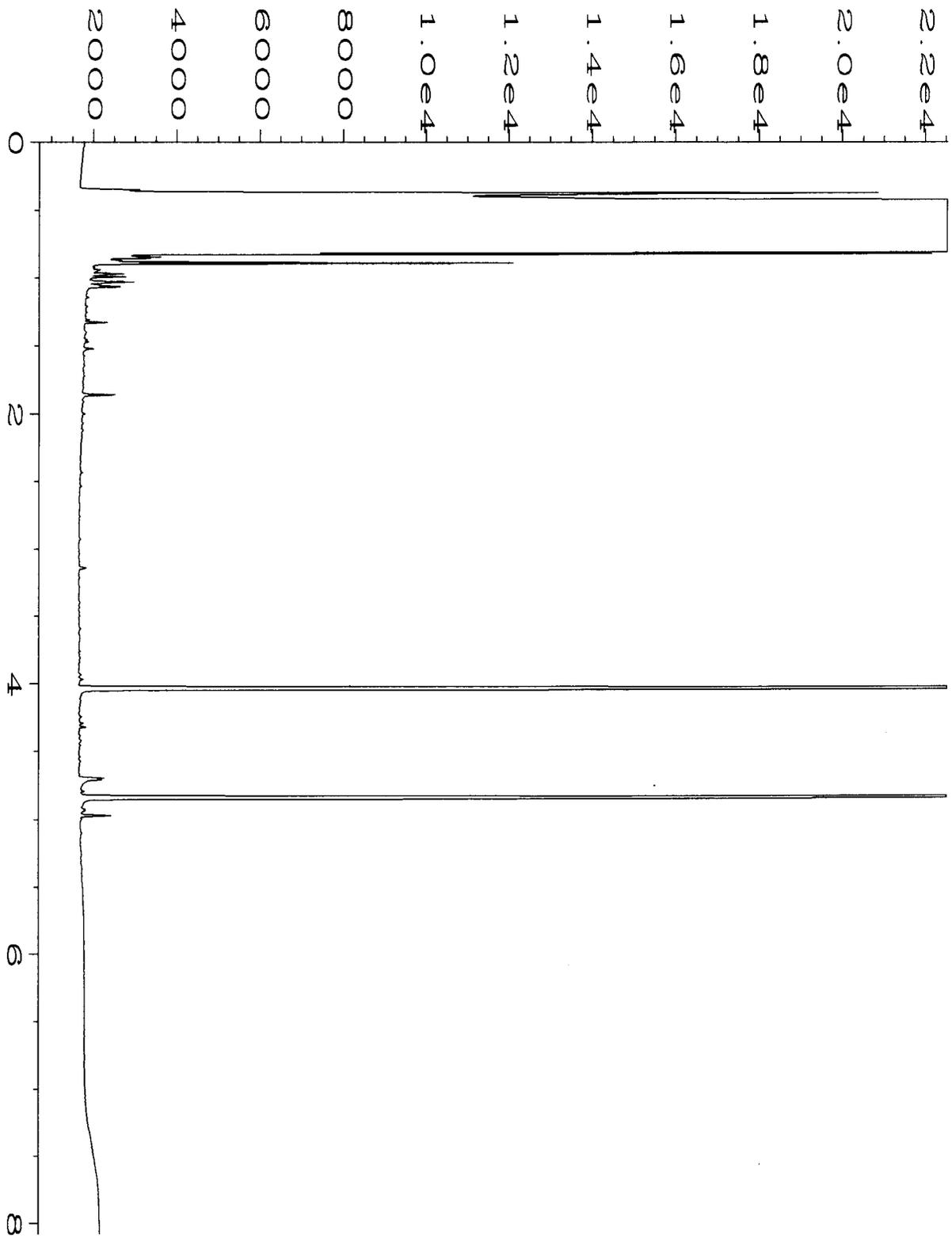
Data File Name	: C:\HPCHEM\4\DATA\12-02-14\013F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 13
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412013-02	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 11:30 AM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:22 PM		



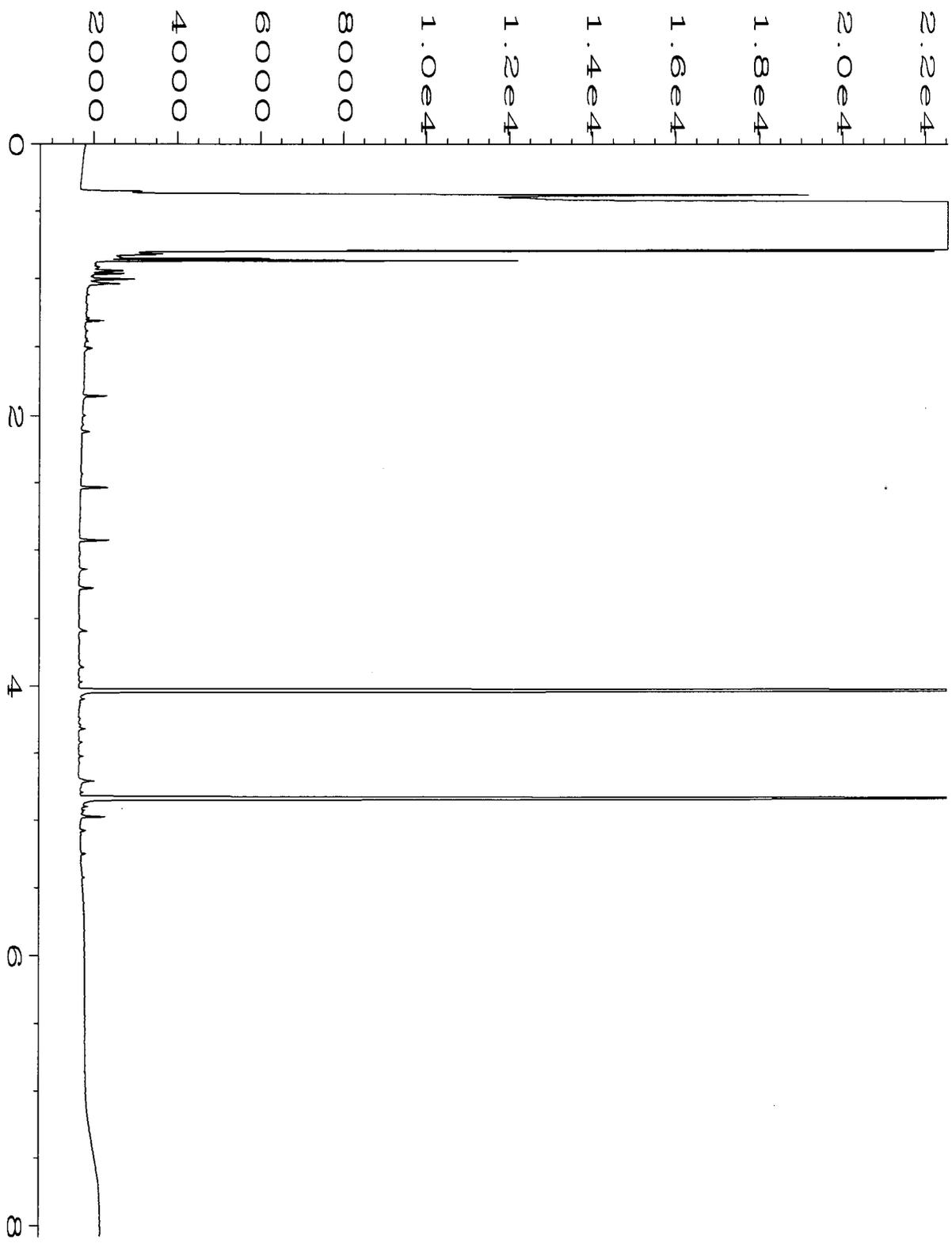
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Operator	: mwdl	Vial Number	: 14
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412013-03	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 01:40 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:22 PM		



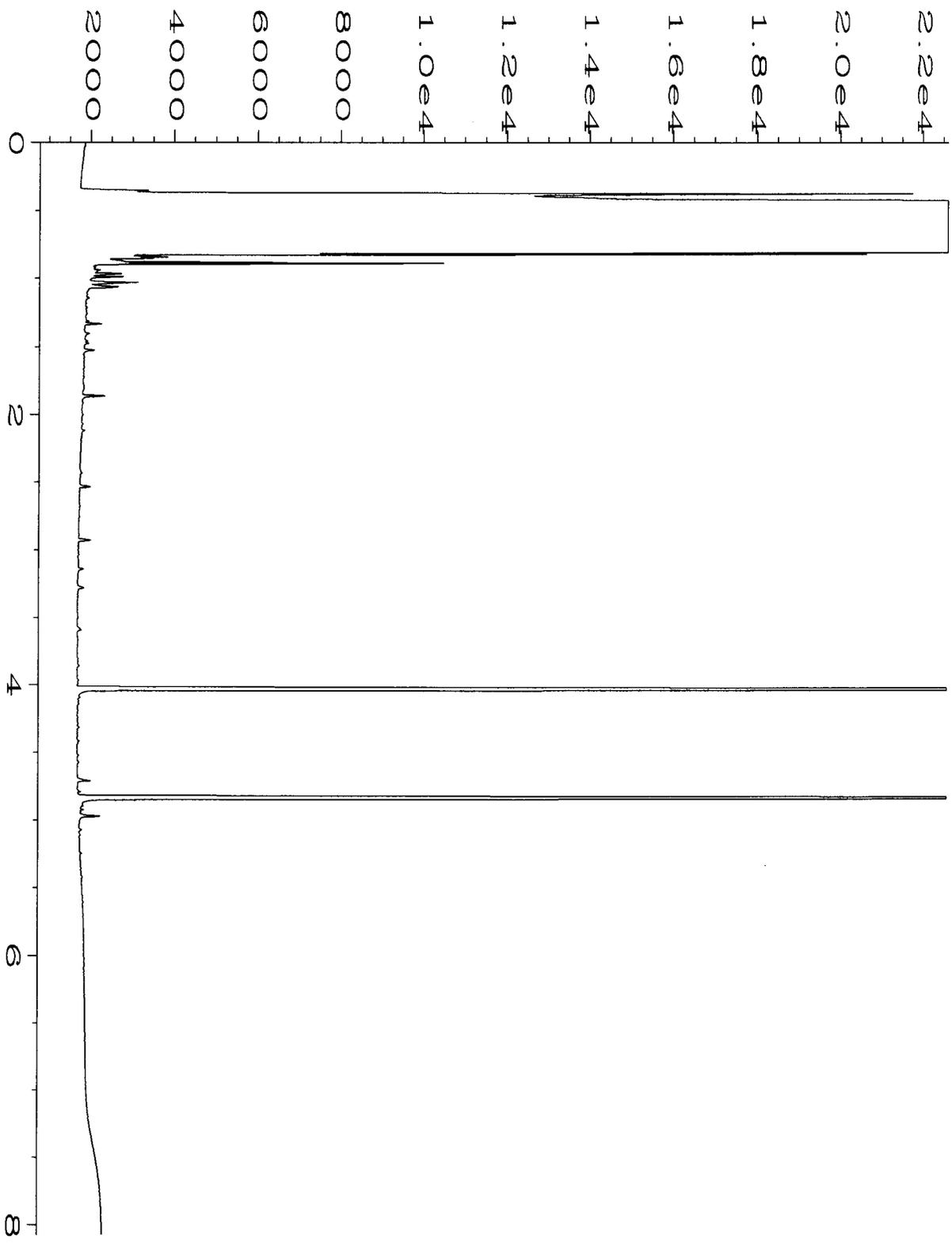
Data File Name	: C:\HPCHEM\4\DATA\12-02-14\015F0501.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 15
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412013-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 01:53 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:22 PM		



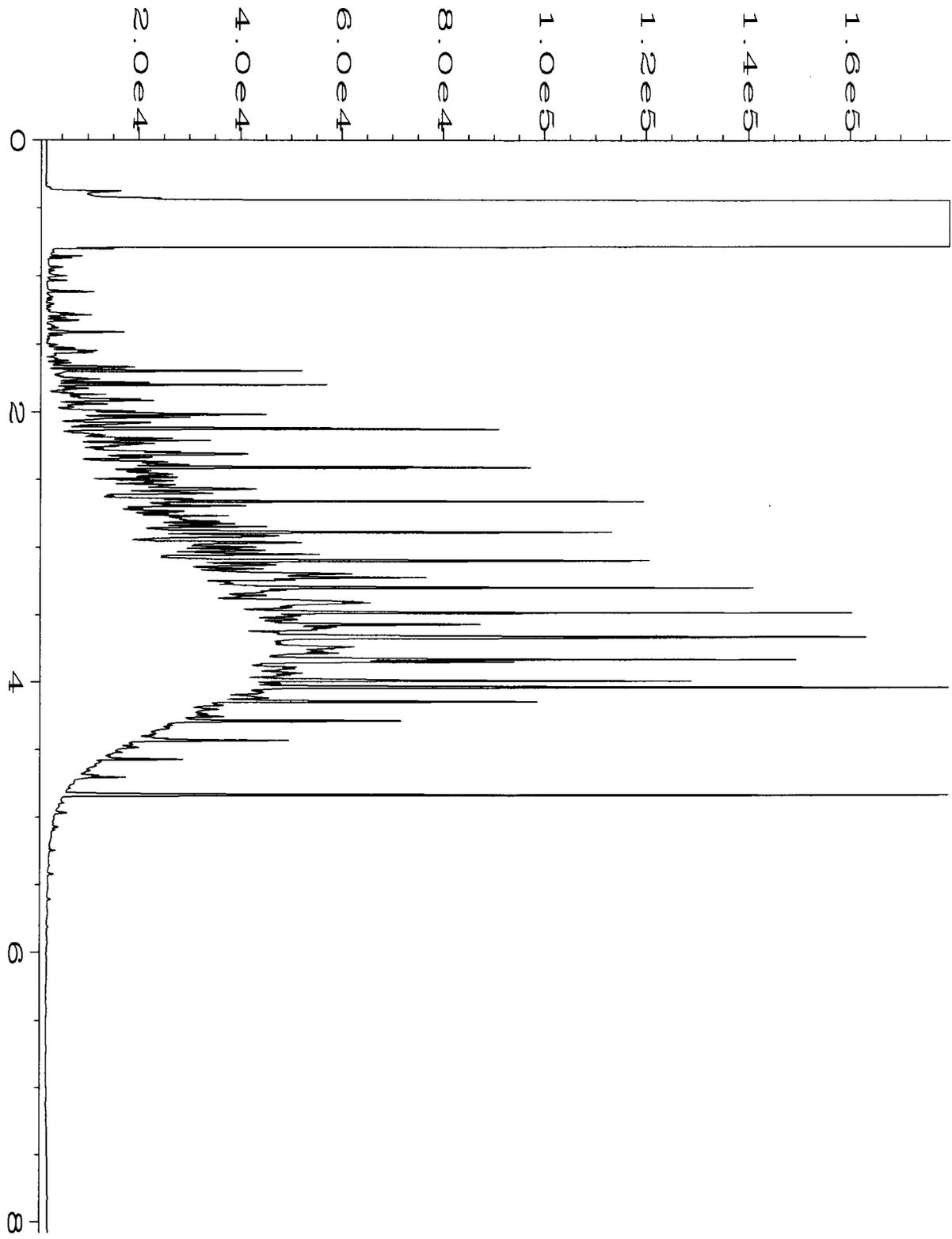
Data File Name	: C:\HPCHEM\4\DATA\12-02-14\016F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 16
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412013-05	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 02:06 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:22 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\017F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412013-06	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 02:19 PM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:23 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\009F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 9
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2413 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 10:39 AM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:22 PM		



Data File Name	: C:\HPCHEM\4\DATA\12-02-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 02 Dec 14 09:25 AM	Analysis Method	: DX.MTH
Report Created on:	02 Dec 14 10:25 PM		

41203

SAMPLE CHAIN OF CUSTODY

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

ME 12/01/14 Page # 1 of 1 US2/

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJ4SSW-44	JJ4SSW	44	01	12/1/14	1245	SOIL	5					X	
AA1WSW-31	AA1WSW	31	02	12/1/14	1300	SOIL	5	X	X	X	X		
Z1WSW-30	Z1WSW	30	03	12/1/14	1305	SOIL	5	X	X	X	X		
Y1WSW-30	Y1WSW	30	04	12/1/14	1310	SOIL	5	X	X	X	X		
DUPLICATE 25	—	—	05	12/1/14	—	SOIL	5	X	X	X	X		
DUPLICATE 26	—	—	06	12/1/14	—	SOIL	5	X	X	X	X		
<i>[Signature]</i> 12/1/14													

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUNDEARTH	12/1/14	1455
Received by: <i>James Bruya</i>	JAMES BRUYA	F&B	12/1/14	1955
Relinquished by:				
Received by:				

Samples received at 6

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

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 2, 2014 from the SOU_0731-004-05_20141202, F&BI 412044 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 2, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141202, F&BI 412044 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412044 -01	U30ESW-38
412044 -02	JJ30SESW-38
412044 -03	JJ28SSW-38

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/02/14

Project: SOU_0731-004-05_20141202, F&BI 412044

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
U30ESW-38 412044-01	<2	97
JJ30SESW-38 412044-02	<2	105
Method Blank 04-2482 MB	<2	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/02/14

Project: SOU_0731-004-05_20141202, F&BI 412044

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
U30ESW-38 412044-01	<50	<250	107
JJ30SESW-38 412044-02	<50	<250	103
Method Blank 04-2491 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U30ESW-38	Client:	SoundEarth Strategies
Date Received:	12/02/14	Project:	SOU_0731-004-05_20141202, F&BI 412044
Date Extracted:	12/12/14	Lab ID:	412044-01
Date Analyzed:	12/12/14	Data File:	121208.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ30SESW-38	Client:	SoundEarth Strategies
Date Received:	12/02/14	Project:	SOU_0731-004-05_20141202, F&BI 412044
Date Extracted:	12/12/14	Lab ID:	412044-02
Date Analyzed:	12/12/14	Data File:	121209.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141202, F&BI 412044
Date Extracted:	12/12/14	Lab ID:	04-2456 mb2
Date Analyzed:	12/12/14	Data File:	121207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/02/14

Project: SOU_0731-004-05_20141202, F&BI 412044

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412212-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/02/14

Project: SOU_0731-004-05_20141202, F&BI 412044

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

Laboratory Code: 412204-04 (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	102	109	73-135	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/02/14

Project: SOU_0731-004-05_20141202, F&BI 412044

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	78	79	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	84	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	92	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Benzene	mg/kg (ppm)	2.5	83	75-107
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Toluene	mg/kg (ppm)	2.5	85	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	89	81-114
m,p-Xylene	mg/kg (ppm)	5	91	82-115
o-Xylene	mg/kg (ppm)	2.5	93	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

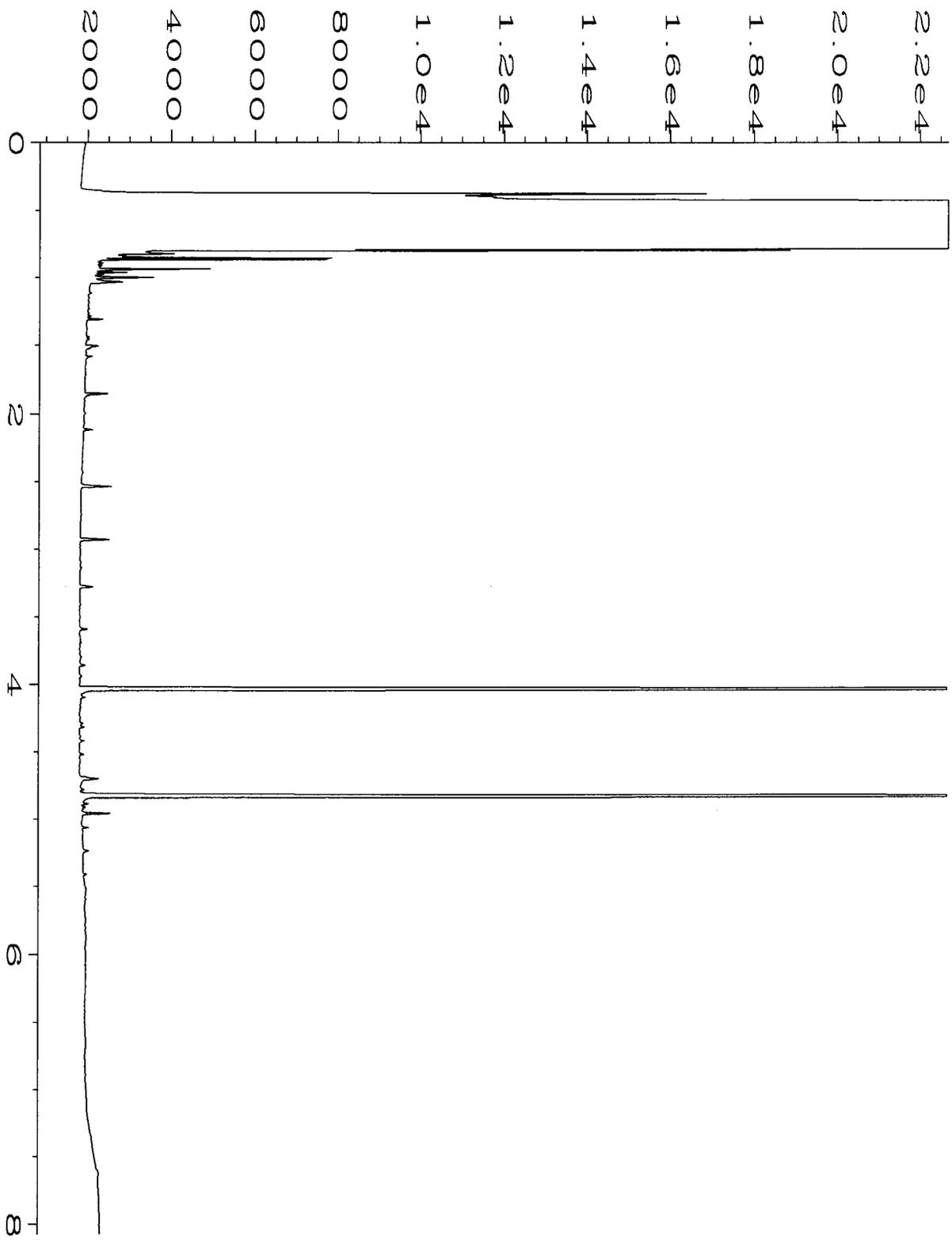
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

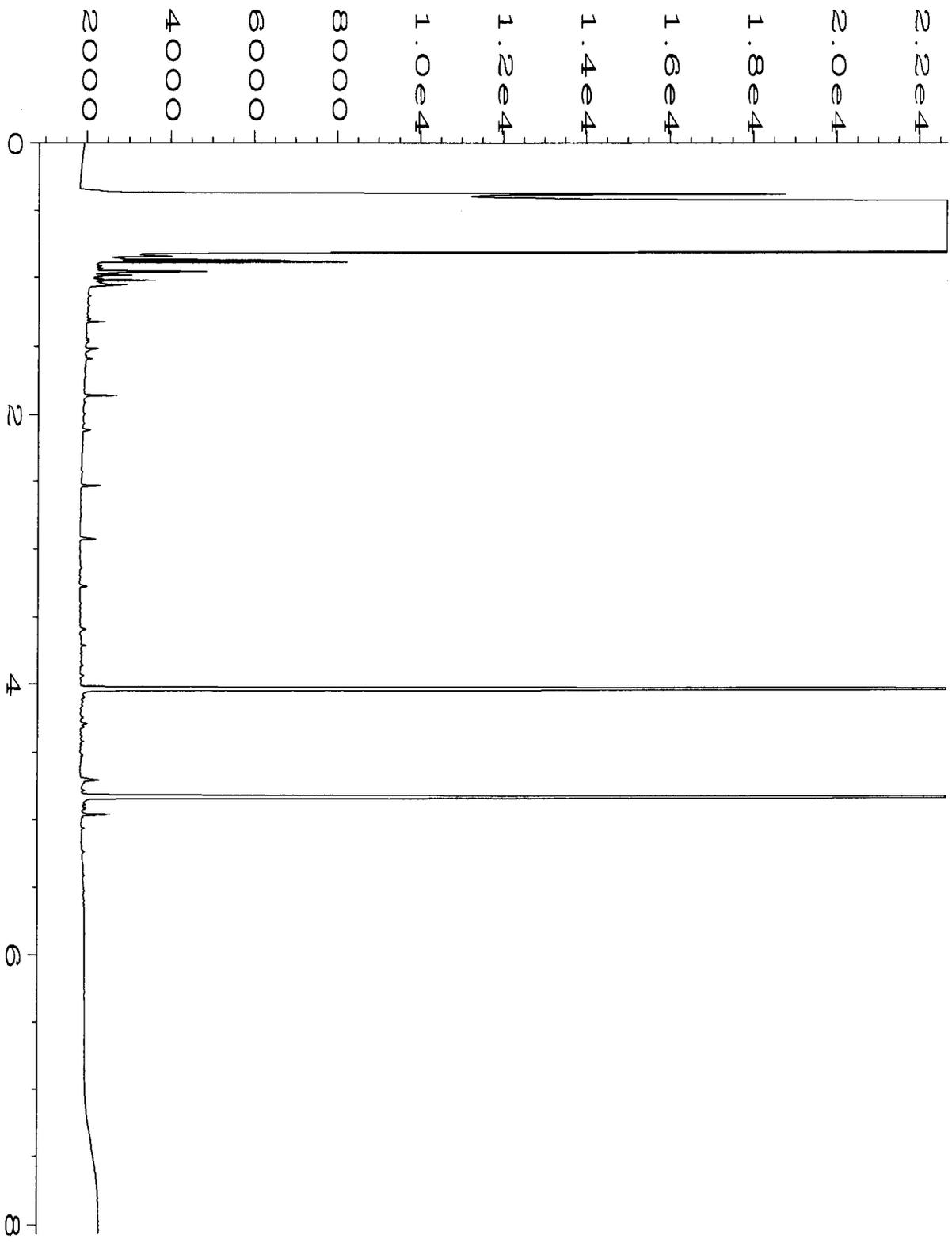
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

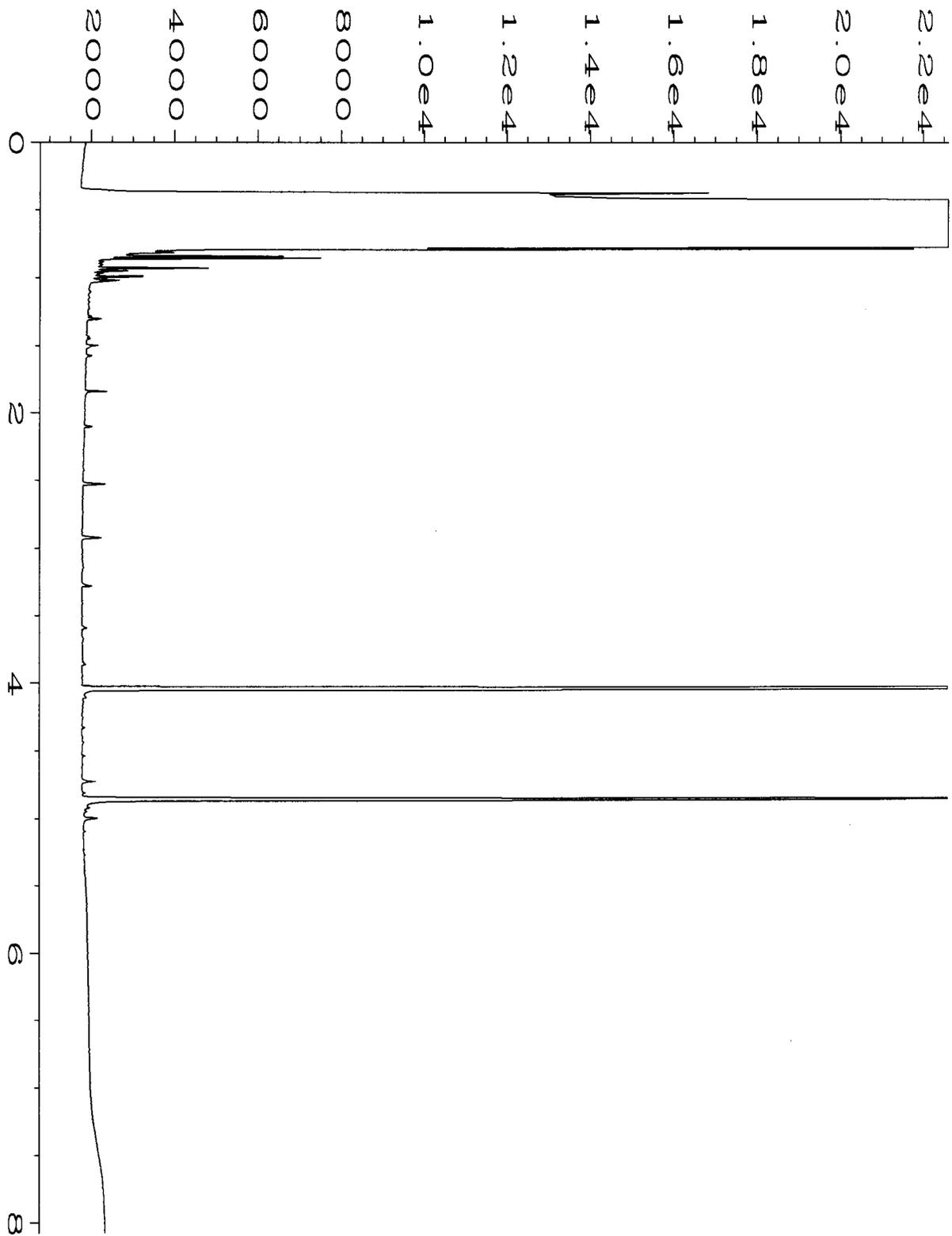
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



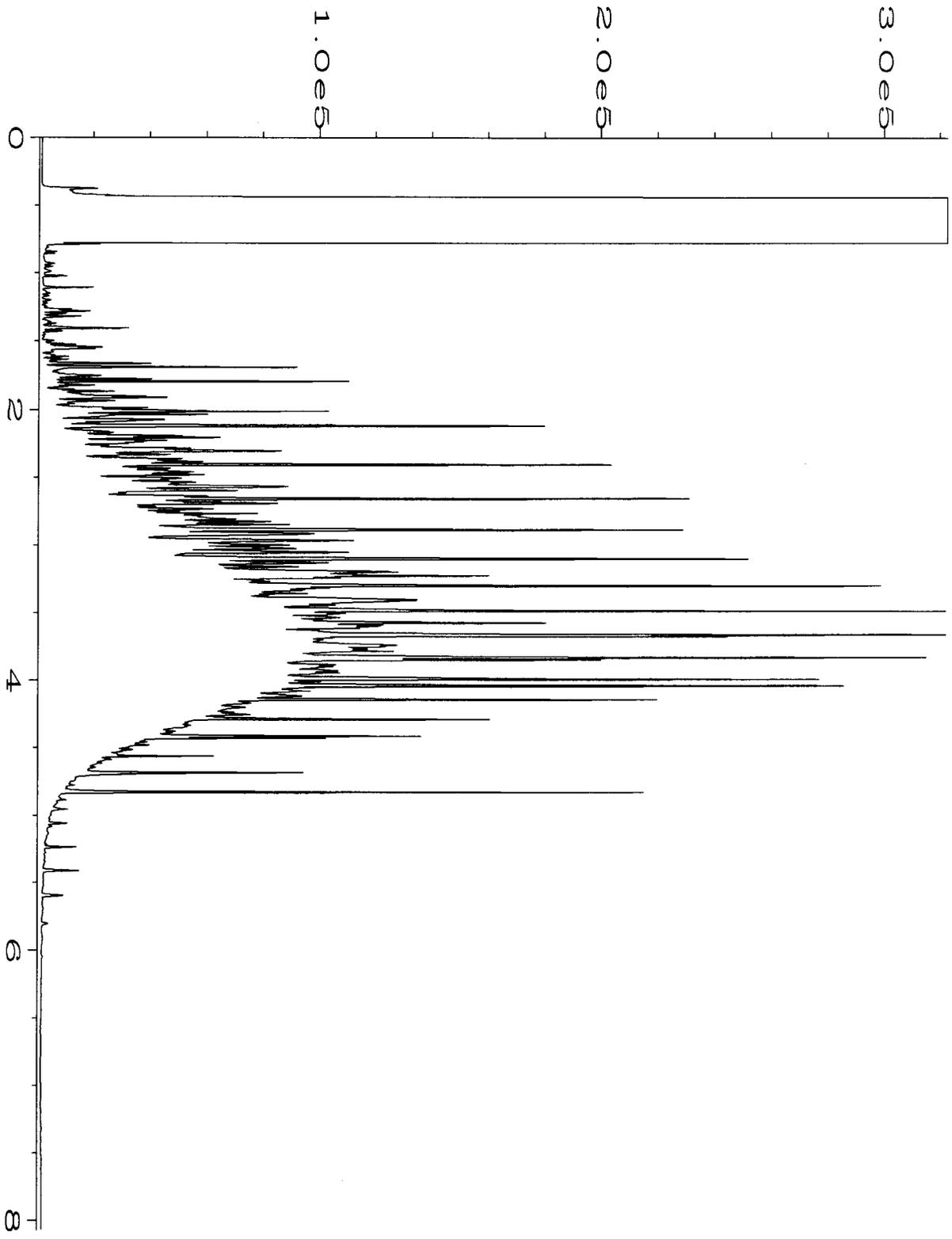
Data File Name	: C:\HPCHEM\4\DATA\12-12-14\032F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 32
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412044-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:54 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



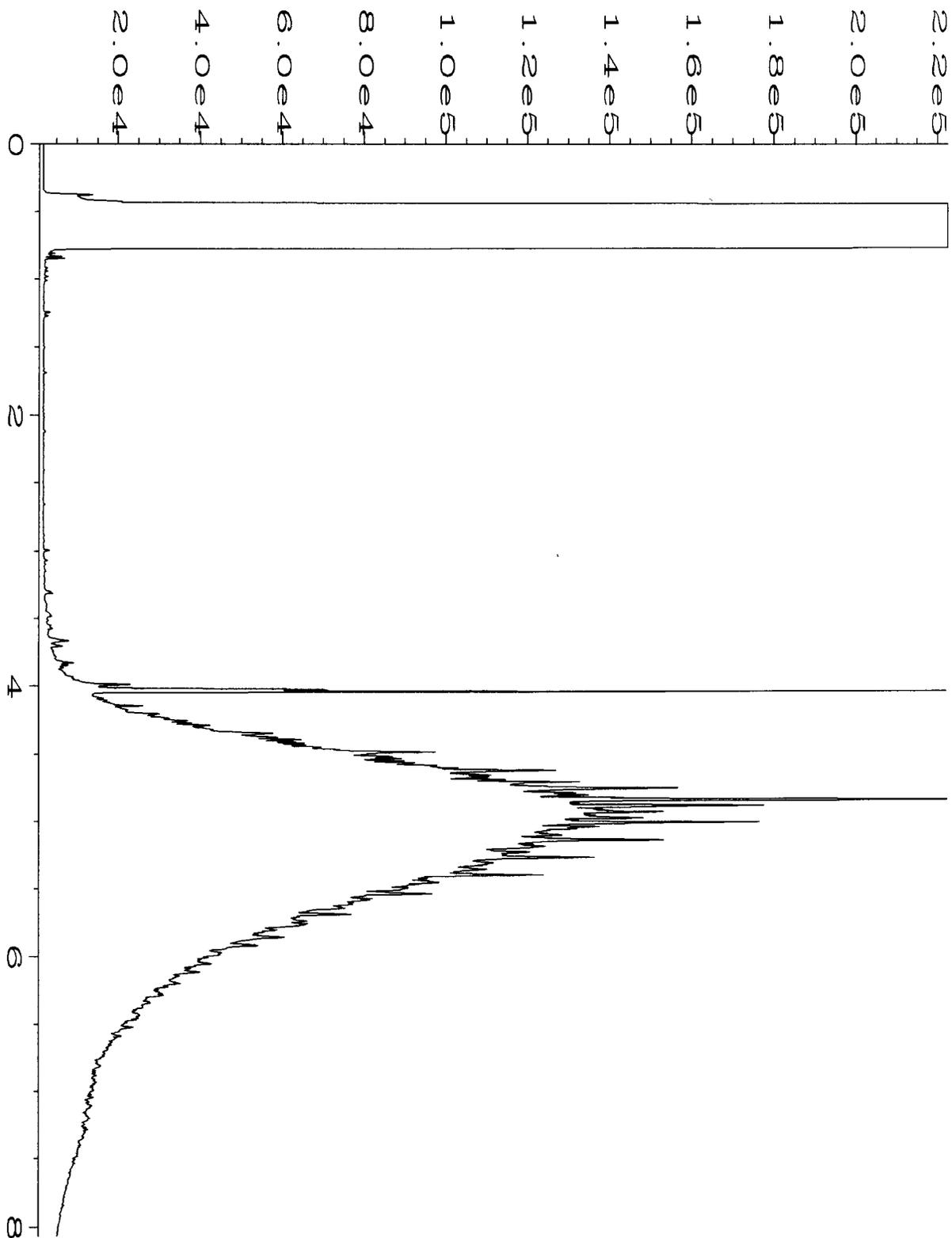
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Operator	: mwdl	Vial Number	: 33
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412044-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 06:07 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2491 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:41 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:10 AM		

412094

SAMPLE CHAIN OF CUSTODY

ME 12/2/14 602/N

Send Report To Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS X = Run per PJK on 12/2/14	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
U30ESW-38	U30 ESW	38'	U30	12/2/14	0945	SOIL	5	X	X	X	X	X	
JJ30SESW-38	JJ30 SESW	38'	JJ30	12/2/14	0955	SOIL	5	X	X	X	X	X	
JJ28SSW-38	JJ28 SSW	38'	JJ28	12/2/14	1000	SOIL	5	X	X	X	X	X	

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
	JONATHAN LOEFFLER	SOUNDEARTH	12/2/14	1450
	JAMES BRUYA	F&B	12/2	1450
Received by:				

Samples received at 6:30

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

December 4, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 3, 2014 from the SOU_0731-004-05_20141203, F&BI 412064 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in cursive, appearing to read "Michael Erdahl", is written in black ink on a light-colored rectangular background.

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1204R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 3, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141203, F&BI 412064 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412064 -01	Z5-40
412064 -02	Z5-35
412064 -03	S7-35
412064 -04	S7-30
412064 -05	Q3-30
412064 -06	Q3-25
412064 -07	Y8-30
412064 -08	R7-40

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/04/14

Date Received: 12/03/14

Project: SOU_0731-004-05_20141203, F&BI 412064

Date Extracted: 12/03/14

Date Analyzed: 12/03/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Y8-30 412064-07 1/10	260	129
Method Blank 04-2400 MB	<2	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z5-40	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-01
Date Analyzed:	12/03/14	Data File:	120318.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z5-35	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-02
Date Analyzed:	12/03/14	Data File:	120319.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	92	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S7-35	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-03
Date Analyzed:	12/03/14	Data File:	120320.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	62	142
Toluene-d8	92	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.026

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S7-30	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-04
Date Analyzed:	12/03/14	Data File:	120321.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q3-30	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-05
Date Analyzed:	12/03/14	Data File:	120322.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q3-25	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-06
Date Analyzed:	12/03/14	Data File:	120323.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	97	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y8-30	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-07
Date Analyzed:	12/03/14	Data File:	120329.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	92	51	121
4-Bromofluorobenzene	93	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	R7-40	Client:	SoundEarth Strategies
Date Received:	12/03/14	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	412064-08
Date Analyzed:	12/03/14	Data File:	120324.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141203, F&BI 412064
Date Extracted:	12/03/14	Lab ID:	04-2382 mb2
Date Analyzed:	12/03/14	Data File:	120317.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	62	142
Toluene-d8	93	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/04/14

Date Received: 12/03/14

Project: SOU_0731-004-05_20141203, F&BI 412064

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412062-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/04/14

Date Received: 12/03/14

Project: SOU_0731-004-05_20141203, F&BI 412064

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 411398-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	63	61	10-138	3
Chloroethane	mg/kg (ppm)	2.5	<0.5	73	73	10-176	0
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	79	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	88	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	87	86	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	87	86	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	84	84	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	85	83	10-156	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	21-139	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	97	95	20-133	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	84	22-139
Chloroethane	mg/kg (ppm)	2.5	85	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	47-128
Methylene chloride	mg/kg (ppm)	2.5	101	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	101	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	97	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	99	62-131
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	113	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412064

SAMPLE CHAIN OF CUSTODY

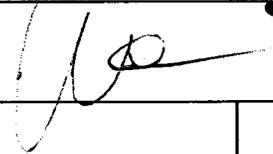
ME 12/3/14 1 of 1 V3/

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

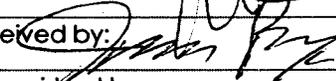
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u> TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24-hr</u> Rush charges authorized by: <u>P. Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Z5-40	Z5	40	01 ¹ B	12/3/14	0830	Soil	4				X	
Z5-35	Z5	35	02	12/3/14	0835	Soil	4				X	
S7-35	S7	35	03	12/3/14	0850	Soil	4				X	
S7-30	S7	30	04	12/3/14	0855	Soil	4				X	
Q3-30	Q3	30	05	12/3/14	0900	Soil	4				X	
Q3-25	Q3	25	06	12/3/14	0905	Soil	4				X	
Y8-30	Y8	30	07	12/3/14	0910	Soil	4	X			X	
R7-40	R7	40	08 ¹	12/3/14	0950	Soil	4				X	
CO 12/3/14												
Samples received at 4:12												

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: 	Courtney Porter	SoundEarth	12/3/14	1330
Received by: 	James Bruya	FB B	12/3	1330
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412097 project.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1210R.DOC

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

December 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412097 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1210R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 4, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141204, F&BI 412097 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412097 -01	M28-35
412097 -02	J5-35
412097 -03	T20-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412097

Date Extracted: 12/05/14

Date Analyzed: 12/05/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
M28-35 412097-01	<2	102
J5-35 412097-02	<2	84
T20-35 412097-03	<2	102
Method Blank 04-2431 MB	<2	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412097

Date Extracted: 12/05/14

Date Analyzed: 12/05/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
M28-35 412097-01	<50	<250	90
J5-35 412097-02	<50	<250	101
T20-35 412097-03	<50	<250	91
Method Blank 04-2445 MB	<50	<250	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M28-35	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412097
Date Extracted:	12/04/14	Lab ID:	412097-01
Date Analyzed:	12/04/14	Data File:	120424.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	J5-35	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412097
Date Extracted:	12/04/14	Lab ID:	412097-02
Date Analyzed:	12/04/14	Data File:	120425.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T20-35	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412097
Date Extracted:	12/04/14	Lab ID:	412097-03
Date Analyzed:	12/04/14	Data File:	120426.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141204, F&BI 412097
Date Extracted:	12/04/14	Lab ID:	04-2385 mb
Date Analyzed:	12/04/14	Data File:	120409.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412097

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412105-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412097

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

Laboratory Code: 412097-01 (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	93	94	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412097

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412081-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	54	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	64	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	68	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	77	75	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	73	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	77	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	80	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	81	78	27-112	4
Benzene	mg/kg (ppm)	2.5	<0.03	79	77	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	82	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	85	84	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	82	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	89	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	90	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	94	93	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	78	42-107
Chloroethane	mg/kg (ppm)	2.5	86	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	93	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	89	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	92	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	94	77-110
Ethylbenzene	mg/kg (ppm)	2.5	99	81-114
m,p-Xylene	mg/kg (ppm)	5	102	82-115
o-Xylene	mg/kg (ppm)	2.5	104	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

42097

SAMPLE CHAIN OF CUSTODY

ME 12/4/14

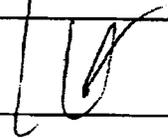
Page # 1 of 1 For US/

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

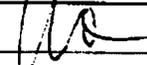
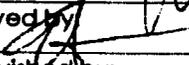
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

<p>TURNAROUND TIME</p> <p><input checked="" type="checkbox"/> Standard (2 Weeks)</p> <p>RUSH _____</p> <p>Rush charges authorized by: _____</p>
<p>SAMPLE DISPOSAL</p> <p><input checked="" type="checkbox"/> Dispose after 30 days</p> <p>Return samples</p> <p>Will call with instructions</p>

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes
M28 BA -35	M28	35	01A	12/4/14	1405	S	2.1	X	X	X	Y							
J5B BA -35	J5	35	02	12/4/14	1410	S	2.1	X	X	X	X							
T20 BA -35	T20	35	03	12/4/14	1420	S	3.1	X	X	X	X							
<p>per PK 2/9/15 MK</p> <p>CP 12/4/14</p> <p>Sampling received at 4°C</p>																		

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: 	Courtney Porter	SoundEarth	12/4/14	1440
Received by: 	Eric [unintelligible]	F&B	12/4	1440
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412098 project. Per your request, the sample ID Y3BTM-25 has been amended to Y3-25.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

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.

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fbi@isomedia.com
www.friedmanandbruya.com

December 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412098 project. There are 6 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 4, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141204, F&BI 412098 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412098 -01	CC1-40
412098 -02	CC1-35
412098 -03	Y3-25

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412098

Date Extracted: 12/05/14

Date Analyzed: 12/05/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Y3-25 412098-03	<0.02	<0.02	<0.02	<0.06	<2	79
Method Blank 04-2431 MB	<0.02	<0.02	<0.02	<0.06	<2	80

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412098

Date Extracted: 12/05/14

Date Analyzed: 12/05/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
Y3-25 412098-03	<50	<250	100
Method Blank 04-2448 MB	<50	<250	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412098

**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: 412105-01 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	73	69-120
Toluene	mg/kg (ppm)	0.5	76	70-117
Ethylbenzene	mg/kg (ppm)	0.5	77	65-123
Xylenes	mg/kg (ppm)	1.5	77	66-120
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412098

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

Laboratory Code: 412120-01 (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	101	107	73-135	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	74-139

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412058

SAMPLE CHAIN OF CUSTODY

ME 12/4/14

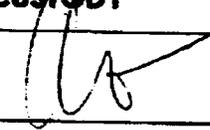
US7

Send Report to Pete Kingston cc: Jonathan Loettler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E. Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

SAMPLE DISPOSAL

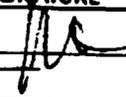
Dispose after 30 days
 Return samples
 Will call with instructions

~~Y3-25~~

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by MWTPH-Ox	BTEX by EPA 8021B	DRPHORPH by MWTPH-Ox	cVOCs by EPA 8260C	HOLD	Notes
CC1-40	CC1	40	01AD	12/4/14	1045	soil	4						
CC1-35	CC1	35	02AD	12/4/14	1050	soil	4						
Y3-25	Y3	25	03AD	12/4/14	1325	soil	4	0	0	0	X	X	0-pr PK 12/5/14 ms
Y3-25													
per PK 2/9/15 MC													
12/4/14													

Sampler observed at 4 °C

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: 	Courtney Porter	SoundEarth	12/4/14	1440
Received by: 	Eric [Signature]	F&B	12/4/14	1600
Relinquished by:				
Received by:				

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.

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(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412100 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature is cursive and appears to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonthan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 4, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141204, F&BI 412100 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412100 -01	JJ16SSW-38
412100 -02	JJ14SSW-35
412100 -03	JJ13SSW-35
412100 -04	JJ8SSW-35
412100 -05	Z1WSW-25
412100 -06	Y1WSW-25
412100 -07	V1WSW-29
412100 -08	P1WSW-30
412100 -09	CC1WSW-38

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
CC1WSW-38 412100-09	<2	99
Method Blank 04-2481 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
CC1WSW-38 412100-09	<50	<250	95
Method Blank 04-2491 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-38	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/12/14	Lab ID:	412100-09
Date Analyzed:	12/12/14	Data File:	121210.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/12/14	Lab ID:	04-2456 mb2
Date Analyzed:	12/12/14	Data File:	121207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412210-13 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

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

Laboratory Code: 412204-04 (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	102	109	73-135	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	78	79	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	84	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	92	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Benzene	mg/kg (ppm)	2.5	83	75-107
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Toluene	mg/kg (ppm)	2.5	85	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	89	81-114
m,p-Xylene	mg/kg (ppm)	5	91	82-115
o-Xylene	mg/kg (ppm)	2.5	93	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

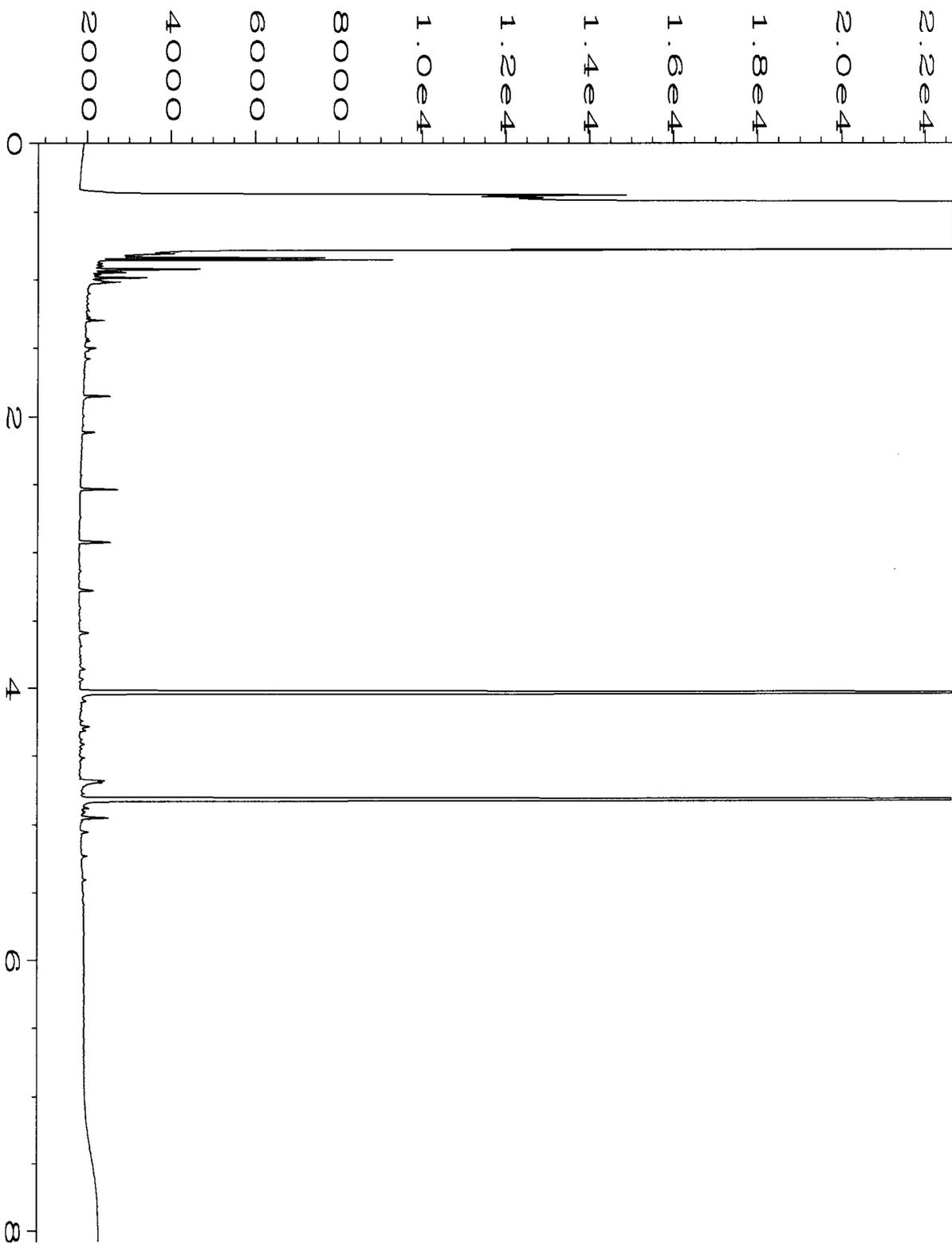
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

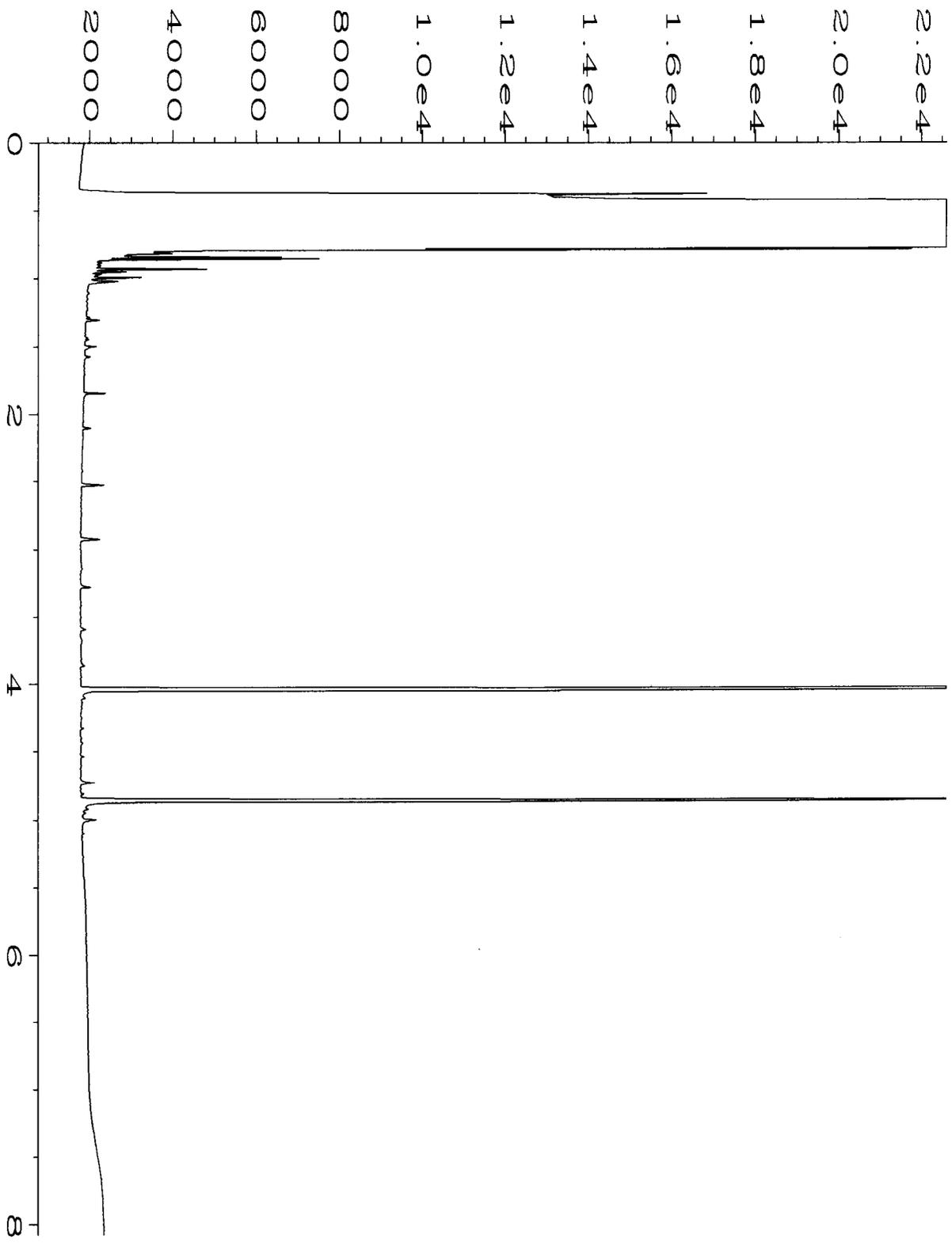
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

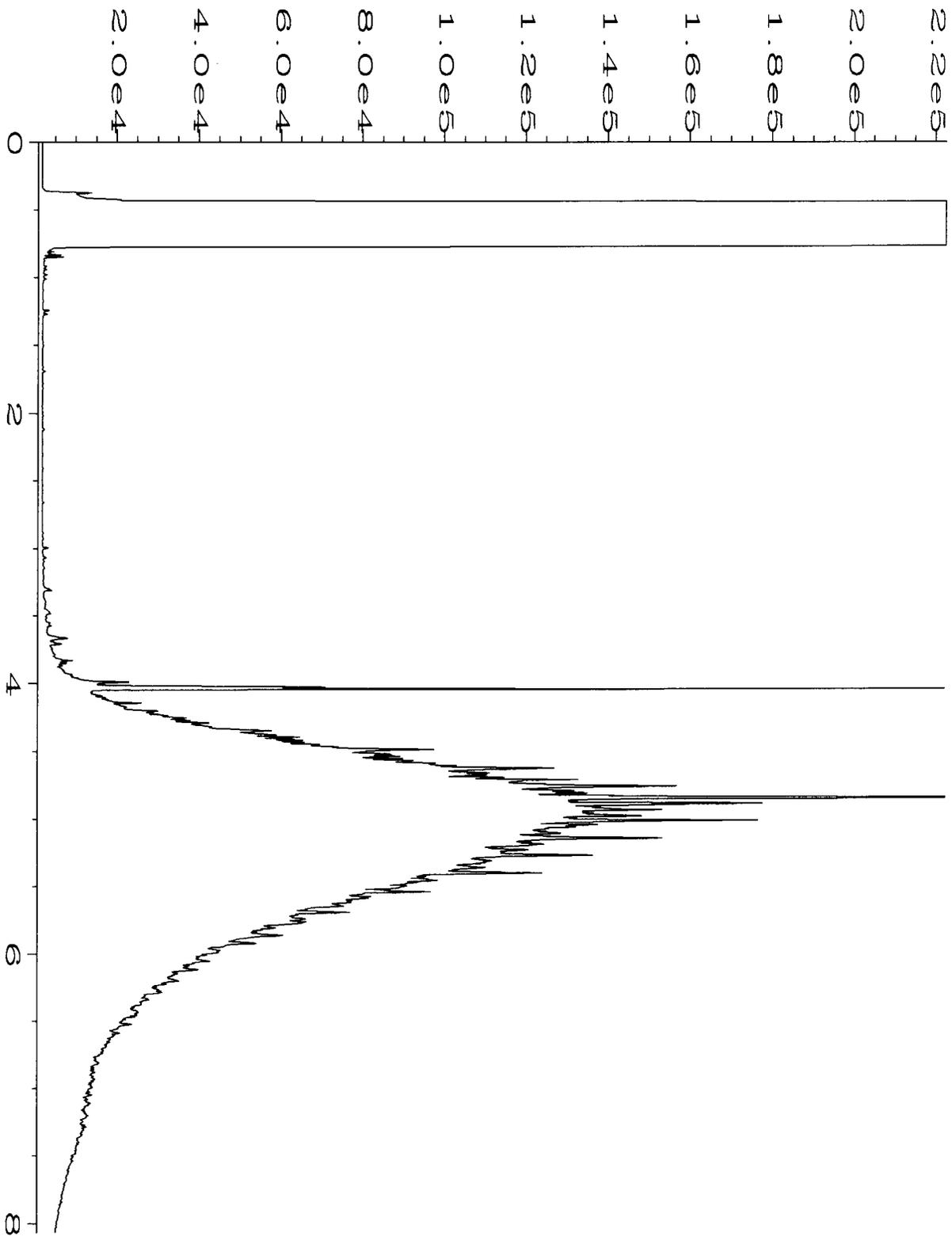
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



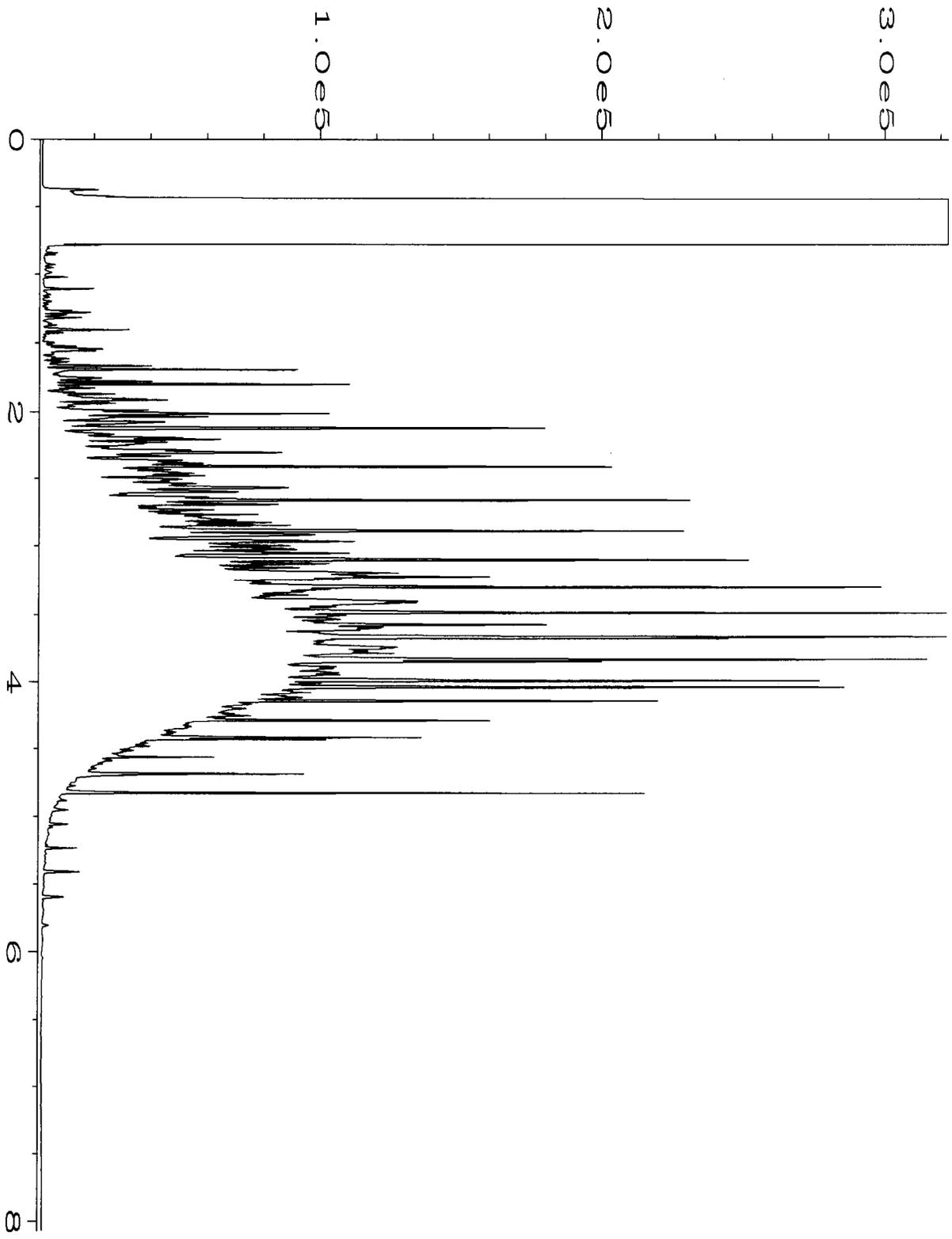
Data File Name	: C:\HPCHEM\4\DATA\12-12-14\034F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412100-09	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 06:20 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2491 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:41 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		

412100

SAMPLE CHAIN OF CUSTODY

ME 12/4/14

USA/16

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E. Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <i>for 12/14/14</i>	EIM Y

Page # 1 of 16

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Note
JJ16SW-38	JJ16	38	01AG	12/3/14	1525	Soil	5						✓ per PK12/12/14
JJ14SW-35	JJ14	35	02AG	12/3/14	1530	Soil	5	X	X	X	X	X	mk
JJ13SW-35	JJ13	35	03AG	12/3/14	1535	Soil	5						
JJ8SW-35	JJ8	35	04AG	12/4/14	0750	Soil	5					X	
Z1WSW-25	Z1	25	05AG	12/4/14	1155	Soil	5	X	X	X	X	X	
Y1WSW-25	Y1	25	06AG	12/4/14	1200	Soil	5	X	X	X	X	X	
V1WSW-29	V1	29	07AG	12/4/14	1310	Soil	5	X	X	X	X	X	
P1WSW-30	P1	30	08AG	12/4/14	1425	Soil	5	X	X	X	X	X	
CC1WSW-38	CC1	38	09AG	12/4/14	1145	Soil	5	X	X	X	X	X	added at lab MS 12/4/14

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:	Courtney Porter	SoundEarth	12/4/14	1642
Received by:	Loeffler	FVS	12/4/14	1410
Relinquished by:				
Received by:				

Samples received at 4 °C

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

December 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412100 project. Sample V1WSW-39 has been corrected to V1WSW-29.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

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

December 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 4, 2014 from the SOU_0731-004-05_20141204, F&BI 412100 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 4, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141204, F&BI 412100 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412100 -01	JJ16SSW-38
412100 -02	JJ14SSW-35
412100 -03	JJ13SSW-35
412100 -04	JJ8SSW-35
412100 -05	Z1WSW-25
412100 -06	Y1WSW-25
412100 -07	V1WSW-29
412100 -08	P1WSW-30
412100 -09	CC1WSW-38

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

Date Extracted: 12/05/14 and 12/09/14

Date Analyzed: 12/05/14 and 12/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ14SSW-35 412100-02	<2	100
Z1WSW-25 412100-05	<2	102
Y1WSW-25 412100-06	<2	101
V1WSW-29 412100-07	<2	102
P1WSW-30 412100-08	<2	101
Method Blank 04-2431 MB	<2	101
Method Blank 04-2435 MB	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

Date Extracted: 12/05/14 and 12/08/14

Date Analyzed: 12/05/14 and 12/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 56-165)
JJ14SSW-35 412100-02	<50	<250	92
Z1WSW-25 412100-05	<50	<250	92
Y1WSW-25 412100-06	<50	<250	92
V1WSW-29 412100-07	<50	<250	93
P1WSW-30 412100-08	<50	<250	94
Method Blank 04-2445 MB	<50	<250	92
Method Blank 04-2465 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-35	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/04/14	Lab ID:	412100-02
Date Analyzed:	12/04/14	Data File:	120428.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-25	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/04/14	Lab ID:	412100-05
Date Analyzed:	12/04/14	Data File:	120429.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.043

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-25	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/04/14	Lab ID:	412100-06
Date Analyzed:	12/05/14	Data File:	120507.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-29	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/04/14	Lab ID:	412100-07
Date Analyzed:	12/05/14	Data File:	120508.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzen e	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1WSW-30	Client:	SoundEarth Strategies
Date Received:	12/04/14	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/08/14	Lab ID:	412100-08
Date Analyzed:	12/08/14	Data File:	120820.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/08/14	Lab ID:	04-2451 mb
Date Analyzed:	12/08/14	Data File:	120806.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141204, F&BI 412100
Date Extracted:	12/04/14	Lab ID:	04-2385 mb
Date Analyzed:	12/04/14	Data File:	120409.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412105-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	85	85	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

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

Laboratory Code: 412097-01 (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	93	94	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

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

Laboratory Code: 412100-08 (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	92	102	63-146	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412081-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	54	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	64	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	68	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	77	75	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	76	73	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	77	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	80	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	81	78	27-112	4
Benzene	mg/kg (ppm)	2.5	<0.03	79	77	26-114	3
Trichloroethene	mg/kg (ppm)	2.5	<0.02	82	82	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	85	84	34-112	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	82	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	89	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	90	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	94	93	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	78	42-107
Chloroethane	mg/kg (ppm)	2.5	86	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	93	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	89	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	92	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	94	77-110
Ethylbenzene	mg/kg (ppm)	2.5	99	81-114
m,p-Xylene	mg/kg (ppm)	5	102	82-115
o-Xylene	mg/kg (ppm)	2.5	104	81-116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/04/14

Project: SOU_0731-004-05_20141204, F&BI 412100

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	49	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	61	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	65	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	70	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	76	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	78	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	84	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	85	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	87	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	89	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

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

December 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 5, 2014 from the SOU_0731-004-05_20141205, F&BI 412122 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1223R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141205, F&BI 412122 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412122 -01	S1WSW-27
412122 -02	U1WSW-28
412122 -03	DD1WSW-36
412122 -04	DD28BTM-35
412122 -05	Y28BTM-35
412122 -06	EE1WSW-37
412122 -07	II1WSW-37
412122 -08	JJ1SWSW-37
412122 -09	JJ2SSW-38
412122 -10	JJ4SSW-39
412122 -11	P1WSW-24.5
412122 -12	V1WSW-24
412122 -13	S1WSW-23
412122 -14	U1WSW-23

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

Date Extracted: 12/18/14

Date Analyzed: 12/18/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
DD1WSW-36 412122-03	<2	101
Method Blank 04-2513 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

Date Extracted: 12/18/14

Date Analyzed: 12/18/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
DD1WSW-36 412122-03	<50	<250	100
Method Blank 04-2534 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD1WSW-36	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/18/14	Lab ID:	412122-03
Date Analyzed:	12/18/14	Data File:	121825.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/18/14	Lab ID:	04-2524 mb2
Date Analyzed:	12/18/14	Data File:	121821.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412312-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

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

Laboratory Code: 412309-01 (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	260	115	109	73-135	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	124	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412291-12 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	50	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	61	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	60	64	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	71	74	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	70	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	73	76	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	80	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	77	80	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	77	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	72	75	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	80	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	78	78	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	74	79	27-110	7
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	81	83	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	82	83	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	84	87	38-113	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	82	42-107
Chloroethane	mg/kg (ppm)	2.5	87	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	91	65-110
Methylene chloride	mg/kg (ppm)	2.5	89	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	95	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	93	75-107
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	99	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	102	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

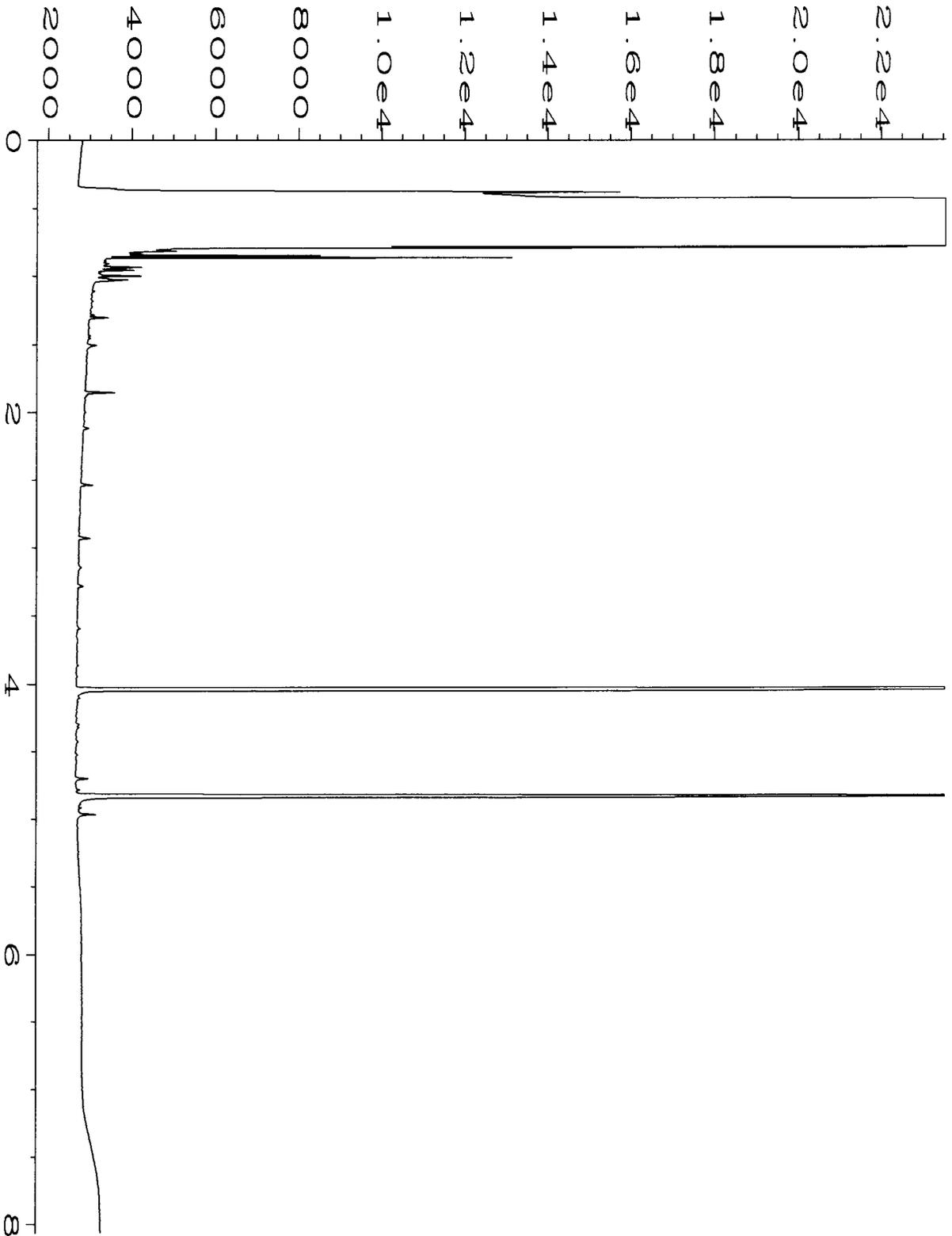
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

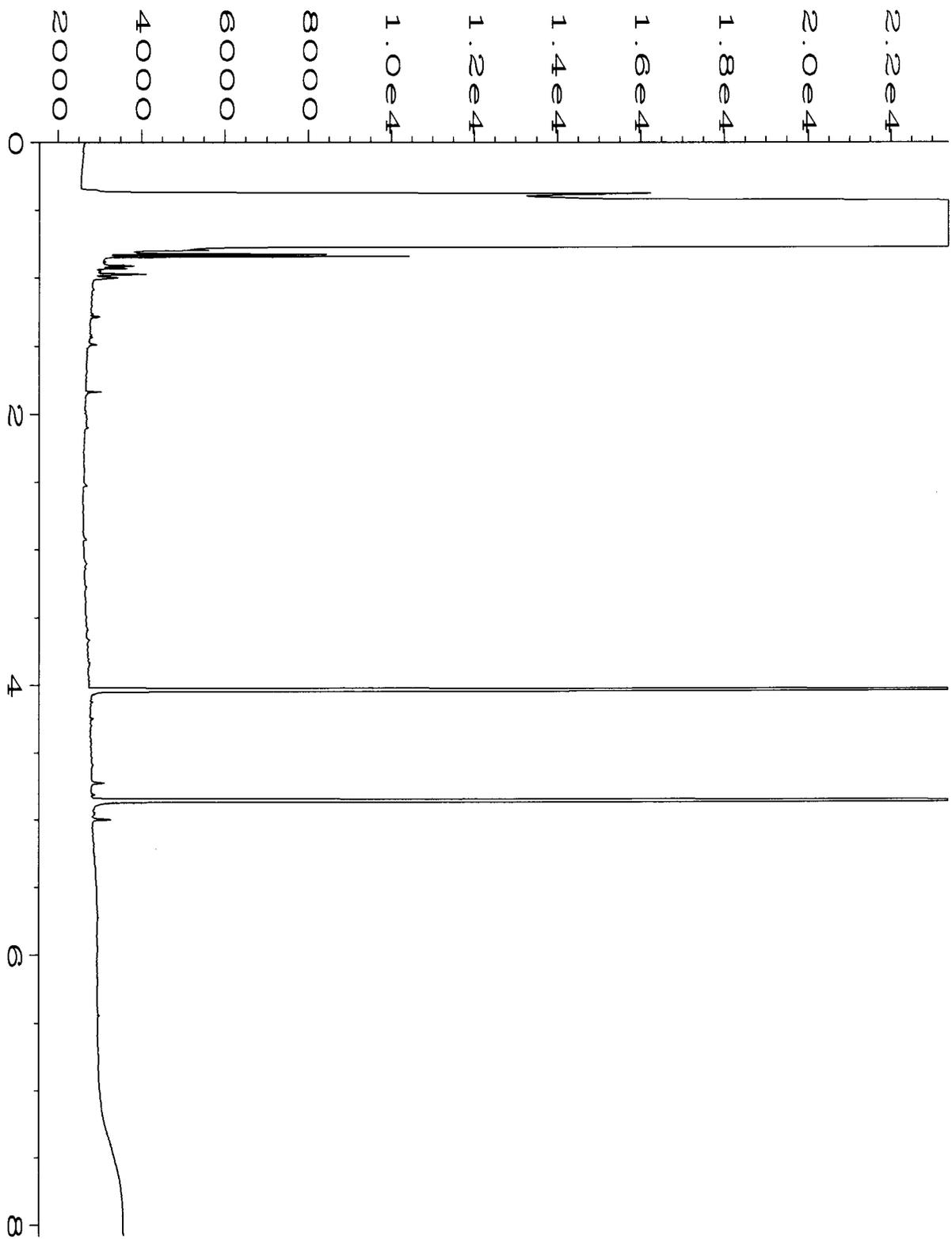
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

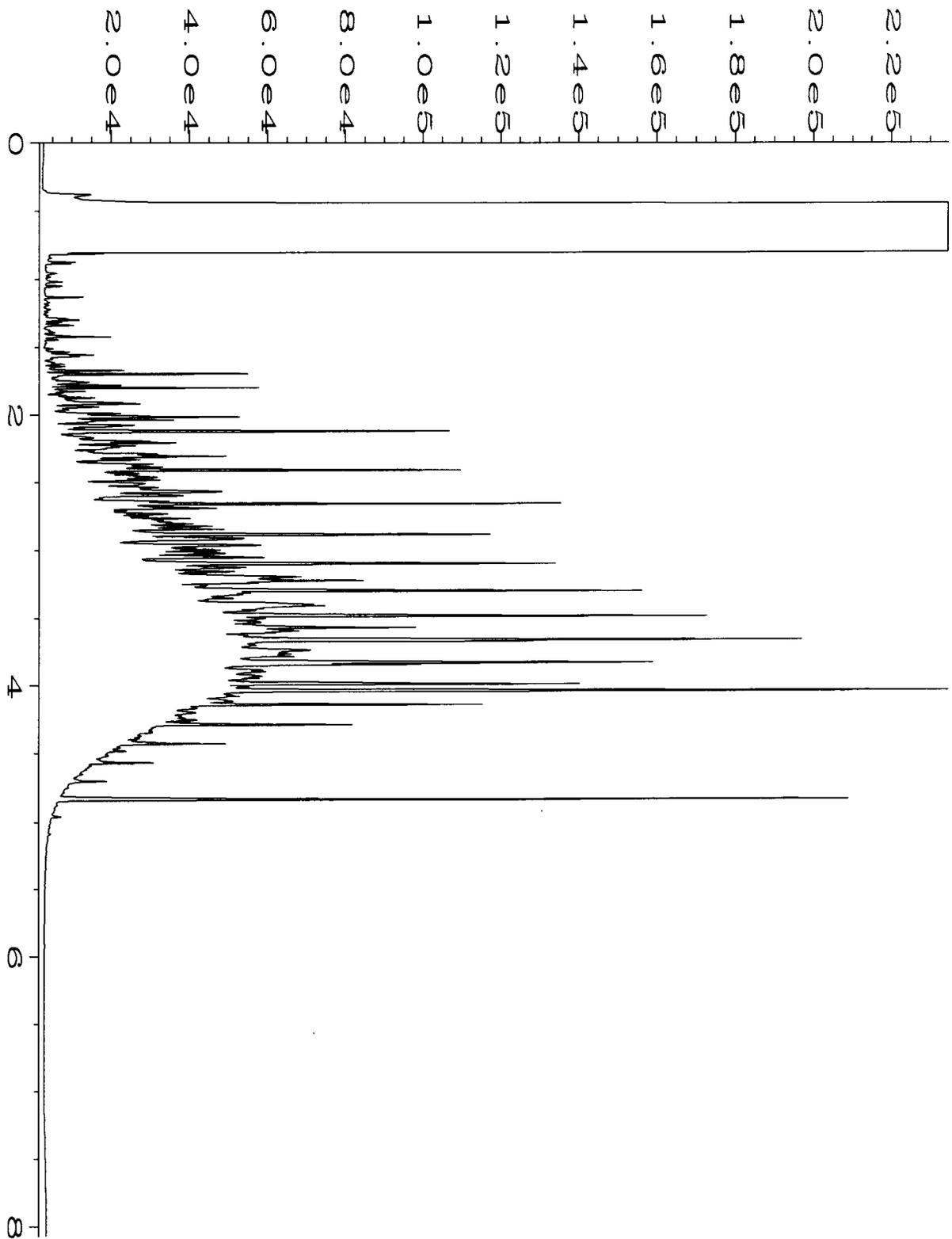
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\4\DATA\12-18-14\041F1001.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 41
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412122-03	Sequence Line	: 10
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Dec 14 10:05 PM	Analysis Method	: DX.MTH
Report Created on:	19 Dec 14 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-18-14\007F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2534 mb	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Dec 14 10:29 AM	Analysis Method	: DX.MTH
Report Created on:	19 Dec 14 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-18-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 18 Dec 14 08:51 AM	Analysis Method	: DX.MTH
Report Created on:	19 Dec 14 09:11 AM		

412122

SAMPLE CHAIN OF CUSTODY

ME

12/5/14

E04/V52
2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

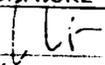
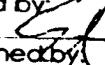
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <input checked="" type="checkbox"/> run per CMP 12/8/14	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Gx	ICVOCs by EPA 8280C	HOLD	Note
SIW ^{SW} -27	S1	27	01 ^E	12/5/14	0740	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
LIW ^{SW} -28	V1	28	02 ^E	12/5/14	0745	Soil	5	X	X	X	X		
DDW ^{SW} -36	DD1	36	03 ^E	12/5/14	0755	Soil	5	✓	✓	✓	✓	≠	
DDZ ^{SW} -35	DD2 ^E	35.5	04 ^E	12/5/14	0805	Soil	5	X	X	X	X		Viper CP 12/17/14
YZ ^{SW} -35	YZ ^E	35.5	05 ^E	12/5/14	0815	Soil	5	X	X	X	X		MS
EEW ^{SW} -37	EE1	37	06 ^E	12/5/14	1140	Soil	5					X	
IIW ^{SW} -37	II1	37	07 ^E	12/5/14	1145	Soil	5					X	
JJ ^{SW} -37	JJ1	37	08 ^E	12/5/14	1150	Soil	5					X	
JJ2 ^{SW} -38	JJ2	38	09 ^E	12/5/14	1200	Soil	5					X	
JJ4 ^{SW} -39	JJ4	39	10 ^E	12/5/14	1205	Soil	5					X	
PIW ^{SW} -24.5	P1	24.5	11 ^E	12/5/14	1410	Soil	6	X	X	X	X	X	
VIW ^{SW} -24	V1	24	12 ^E	12/5/14	1415	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	24-h-
SIW ^{SW} -23	S1	23	13 ^E	12/5/14	1425	Soil	5	X	X	X	X	X	

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: 	Courtney Porter	SoundEarth	12/5/14	1500
Received by: 	Eric	TEB	12/6/14	1520
Relinquished by:				
Received by:				

Samples received at 4°C

412122

SAMPLE CHAIN OF CUSTODY

ME 12/5/14 EO4/V52
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8280C	PHOLID	Note
U16056-23	L11	23	14E	12/5/14	1435	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X HOLD	

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: <i>[Signature]</i>	Courtney Porter	SoundEarth	12/5/14	1:50 PM
Received by: <i>[Signature]</i>	Eric [unclear]	[unclear]	12/5/14	1:50 PM
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on December 5, 2014 from the SOU_0731-004-05_20141205, F&BI 412122 project. Per your request, sample ID DD28BTM-35 has been amended to DD28-35 and Y28BTM-35 has been amended to Y28-35.

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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1215R.DOC

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

December 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 5, 2014 from the SOU_0731-004-05_20141205, F&BI 412122 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1215R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 5, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141205, F&BI 412122 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412122 -01	S1WSW-27
412122 -02	U1WSW-28
412122 -03	DD1WSW-36
412122 -04	DD28-35
412122 -05	Y28-35
412122 -06	EE1WSW-37
412122 -07	II1WSW-37
412122 -08	JJ1SWSW-37
412122 -09	JJ2SSW-38
412122 -10	JJ4SSW-39
412122 -11	P1WSW-24.5
412122 -12	V1WSW-24
412122 -13	S1WSW-23
412122 -14	U1WSW-23

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

Date Extracted: 12/05/14 and 12/09/14

Date Analyzed: 12/06/14 and 12/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S1WSW-27 412122-01	<2	100
U1WSW-28 412122-02	<2	101
DD28-35 412122-04	<2	102
Y28-35 412122-05	<2	102
P1WSW-24.5 412122-11 1/100	2,400	124
V1WSW-24 412122-12	<2	99
S1WSW-23 412122-13	<2	98
U1WSW-23 412122-14	<2	101
Method Blank 04-2433 MB	<2	102
Method Blank 04-2435 MB	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

Date Extracted: 12/05/14 and 12/08/14

Date Analyzed: 12/05/14 and 12/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 56-165)
S1WSW-27 412122-01	<50	<250	103
U1WSW-28 412122-02	<50	<250	91
DD28-35 412122-04	<50	<250	90
Y28-35 412122-05	<50	<250	91
P1WSW-24.5 412122-11	2,000 x	<250	94
V1WSW-24 412122-12	<50	<250	102
S1WSW-23 412122-13	<50	<250	91
U1WSW-23 412122-14	<50	<250	109
Method Blank 04-2449 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-27	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/08/14	Lab ID:	412122-01
Date Analyzed:	12/08/14	Data File:	120821.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-28	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	412122-02
Date Analyzed:	12/05/14	Data File:	120525.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD28-35	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	412122-04
Date Analyzed:	12/05/14	Data File:	120526.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y28-35	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	412122-05
Date Analyzed:	12/05/14	Data File:	120527.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1WSW-24.5	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	412122-11
Date Analyzed:	12/05/14	Data File:	120529.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	0.075
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	0.031
Tetrachloroethene	1.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-24	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/08/14	Lab ID:	412122-12
Date Analyzed:	12/08/14	Data File:	120822.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-23	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	412122-13
Date Analyzed:	12/05/14	Data File:	120528.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	93	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-23	Client:	SoundEarth Strategies
Date Received:	12/05/14	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/08/14	Lab ID:	412122-14
Date Analyzed:	12/08/14	Data File:	120823.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/08/14	Lab ID:	04-2451 mb
Date Analyzed:	12/08/14	Data File:	120806.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141205, F&BI 412122
Date Extracted:	12/05/14	Lab ID:	04-2386 mb
Date Analyzed:	12/05/14	Data File:	120518.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412121-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	85	85	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

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

Laboratory Code: 412121-01 (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	96	95	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	95	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

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

Laboratory Code: 412132-06 (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	220	110	104	73-135	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	109	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412122-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	52	52	10-91	0
Chloroethane	mg/kg (ppm)	2.5	<0.5	63	62	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	66	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	72	74	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	13-112	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	77	76	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	80	25-120	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	79	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	78	78	27-112	0
Benzene	mg/kg (ppm)	2.5	<0.03	76	75	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	80	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	83	81	34-112	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	81	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	86	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	88	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	90	38-113	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	86	65-110
Methylene chloride	mg/kg (ppm)	2.5	86	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	91	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	92	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	91	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	94	72-107
Toluene	mg/kg (ppm)	2.5	95	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	98	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	100	81-116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/05/14

Project: SOU_0731-004-05_20141205, F&BI 412122

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	49	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	61	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	65	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	70	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	76	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	78	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	84	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	85	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	87	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	89	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412122

SAMPLE CHAIN OF CUSTODY

MB

12/5/14

504/NS

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS <input checked="" type="checkbox"/> run per CMP 12/8/14	EIM Y

TURNAROUND TIME

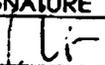
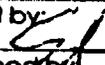
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days
Return samples
Will call with instructions

Sample ID <i>per PK 2/11/15 mc.</i>	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	GRPH by MWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by MWTPH-Gx	SVOCs by EPA 8260C	FIELD	Note
SIW-27	S1	27	01E	12/5/14	0740	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	
UIW-28	U1	28	02E	12/5/14	0745	Soil	5	X	X	X	X		
DDW-30	DD1	30	03E	12/5/14	0755	Soil	5					/	
DDZ-35	DD2	35.5	04E	12/5/14	0805	Soil	5	X	X	X	X		
YZ-35	YZ	35.5	05E	12/5/14	0815	Soil	5	X	X	X	X		
EEW-37	EE1	37	06E	12/5/14	1140	Soil	5					X	
IIW-37	II1	37	07E	12/5/14	1145	Soil	5					X	
JJW-37	JJ1	37	08E	12/5/14	1150	Soil	5					X	
JJ2-38	JJ2	38	09E	12/5/14	1200	Soil	5					X	
JJ4-39	JJ4	39	10E	12/5/14	1205	Soil	5					X	
PIW-24.5	P1	24.5	11E	12/5/14	1410	Soil	6	X	X	X	X	X	
VIW-24	V1	24	12E	12/5/14	1415	Soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X	24-hr
SIW-23	S1	23	13E	12/5/14	1425	Soil	5	X	X	X	X	X	

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: 	Courtney Porter	SoundEarth	12/5/14	1500
Received by: 	Eric	For B	12/5/14	1520
Relinquished by:				
Received by:		Samples received at	H	C

412122

SAMPLE CHAIN OF CUSTODY

ME 12/5/14 EO4/V32
Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME

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	GRPH by NWTPH-Dx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
016056-23	U1	23	14E	12/5/14	1435	soil	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X HOLD
12/5/17												

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: <i>[Signature]</i>	Courtney Porter	SoundEarth	12/5/14	1:30
Received by: <i>[Signature]</i>	Eric [unclear]	[unclear]	12/5/14	6:00
Relinquished by:				
Received by:				

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

December 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 8, 2014 from the SOU_0731-004-05_20141208, F&BI 412130 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1210R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141208, F&BI 412130 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412130 -01	O2-25
412130 -02	T2-25
412130 -03	CC1-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412130

Date Extracted: 12/08/14

Date Analyzed: 12/08/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
O2-25 412130-01 1/20	3,100	ip
Method Blank 04-2435 MB	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412130

Date Extracted: 12/08/14

Date Analyzed: 12/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
O2-25 412130-01	5,000 x	<250	100
Method Blank 04-2463 MB	<50	<250	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O2-25	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412130
Date Extracted:	12/08/14	Lab ID:	412130-01
Date Analyzed:	12/08/14	Data File:	120809.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	101	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	0.13
m,p-Xylene	0.64
o-Xylene	0.11
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T2-25	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412130
Date Extracted:	12/08/14	Lab ID:	412130-02
Date Analyzed:	12/08/14	Data File:	120807.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1-30	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412130
Date Extracted:	12/08/14	Lab ID:	412130-03
Date Analyzed:	12/08/14	Data File:	120808.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141208, F&BI 412130
Date Extracted:	12/08/14	Lab ID:	04-2451 mb
Date Analyzed:	12/08/14	Data File:	120806.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412130

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	85	85	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412130

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

Laboratory Code: 412126-03 (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	63,000	33 b	0 b	63-146	188 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412130

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	49	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	61	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	65	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	70	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	76	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	78	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	84	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	85	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	87	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	89	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

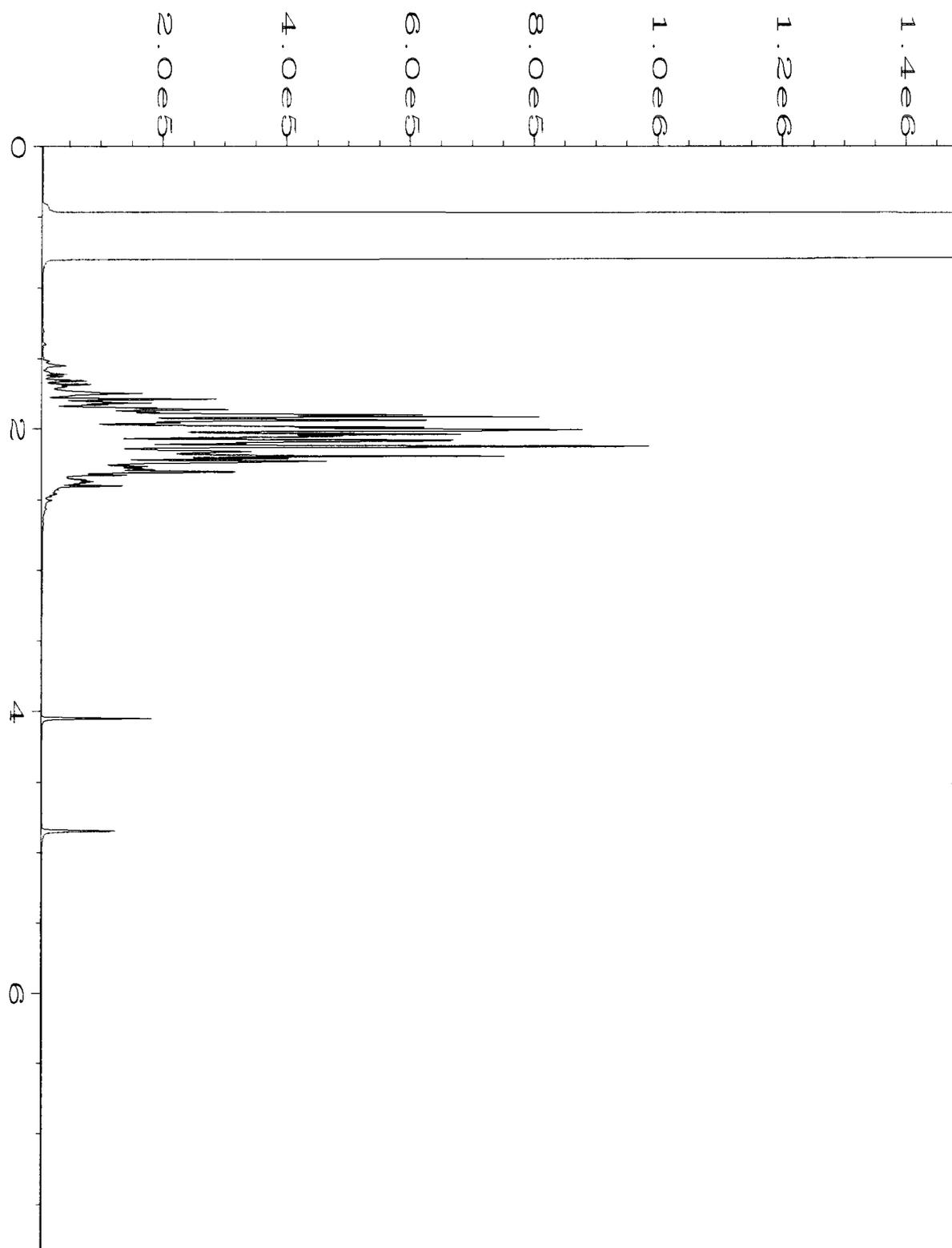
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

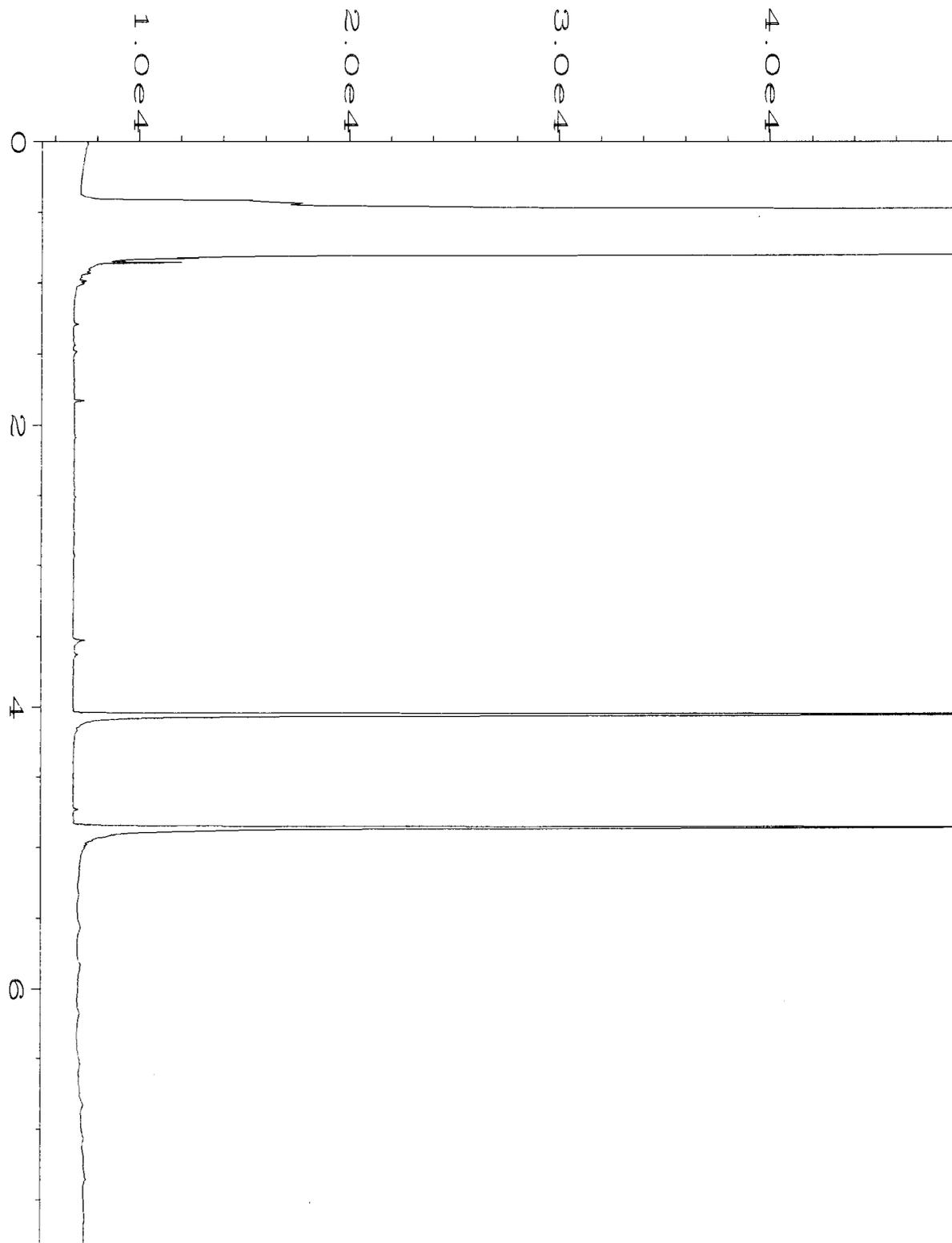
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

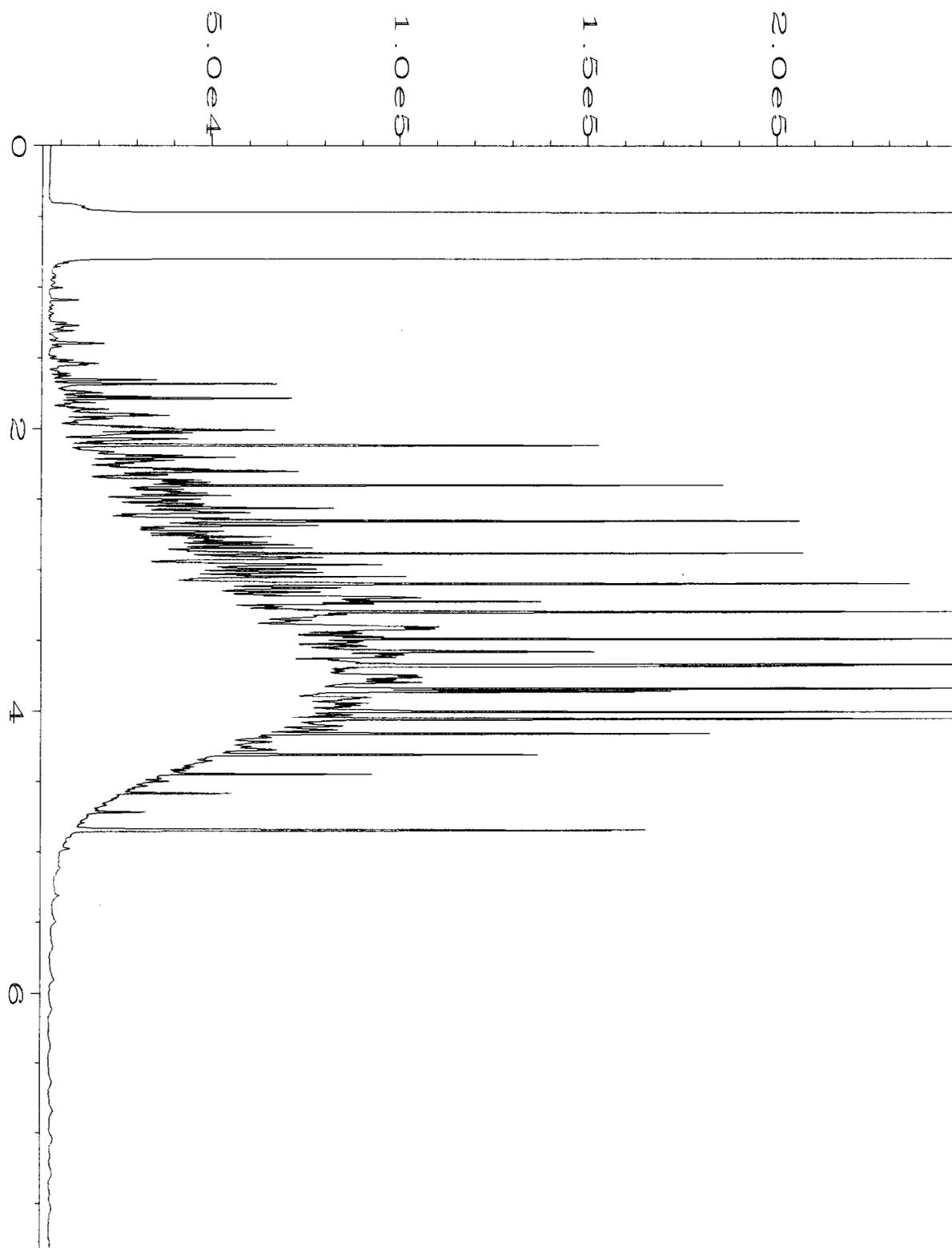
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\029F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412130-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 05:03 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:13 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2463 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 10:20 AM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\005F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 03:49 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:28 AM		

412130

SAMPLE CHAIN OF CUSTODY

ME EO₃/VS, 12/8/14

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
C2-25	C2	25	01A-F	12/8/14	0750	soil	5	/	/	/	X	
T2-25	T2	25	02A-D	12/8/14	0755	soil	4				X	
CC1-30	CC1	30	03A-D	12/8/14	0850	soil	4				X	
												Samples received at <u>4</u> °C

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:	Courtney Porter	SoundEarth	12/8/14	1045
Received by:	P. Kingston	FEB	12/8/14	1045
Relinquished by:				
Received by:				

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

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 8, 2014 from the SOU_0731-004-05_20141208, F&BI 412131 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141208, F&BI 412131 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412131 -01	P1WSW-23
412131 -02	JJ28SSW-33
412131 -03	JJ24SSW-33
412131 -04	JJ23SSW-33
412131 -05	JJ21SSW-33
412131 -06	JJ16SSW-33
412131 -07	CC1WSW-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
CC1WSW-33 412131-07	<2	104
Method Blank 04-2482 MB	<2	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
CC1WSW-33 412131-07	<50	<250	98
Method Blank 04-2491 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1WSW-33	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412131
Date Extracted:	12/12/14	Lab ID:	412131-07
Date Analyzed:	12/12/14	Data File:	121211.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141208, F&BI 412131
Date Extracted:	12/12/14	Lab ID:	04-2456 mb2
Date Analyzed:	12/12/14	Data File:	121207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412212-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

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

Laboratory Code: 412204-04 (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	102	109	73-135	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	78	79	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	84	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	92	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Benzene	mg/kg (ppm)	2.5	83	75-107
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Toluene	mg/kg (ppm)	2.5	85	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	89	81-114
m,p-Xylene	mg/kg (ppm)	5	91	82-115
o-Xylene	mg/kg (ppm)	2.5	93	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

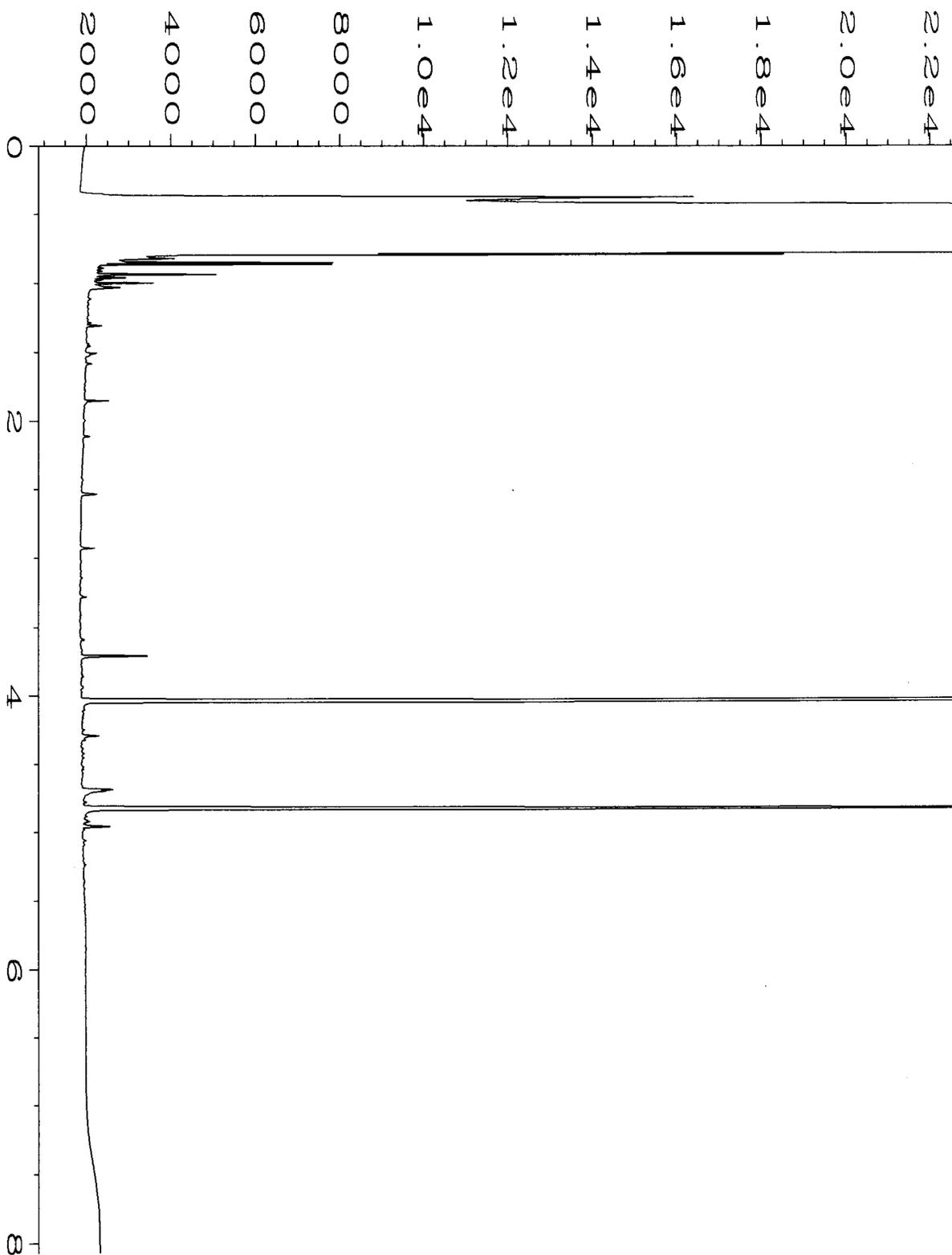
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

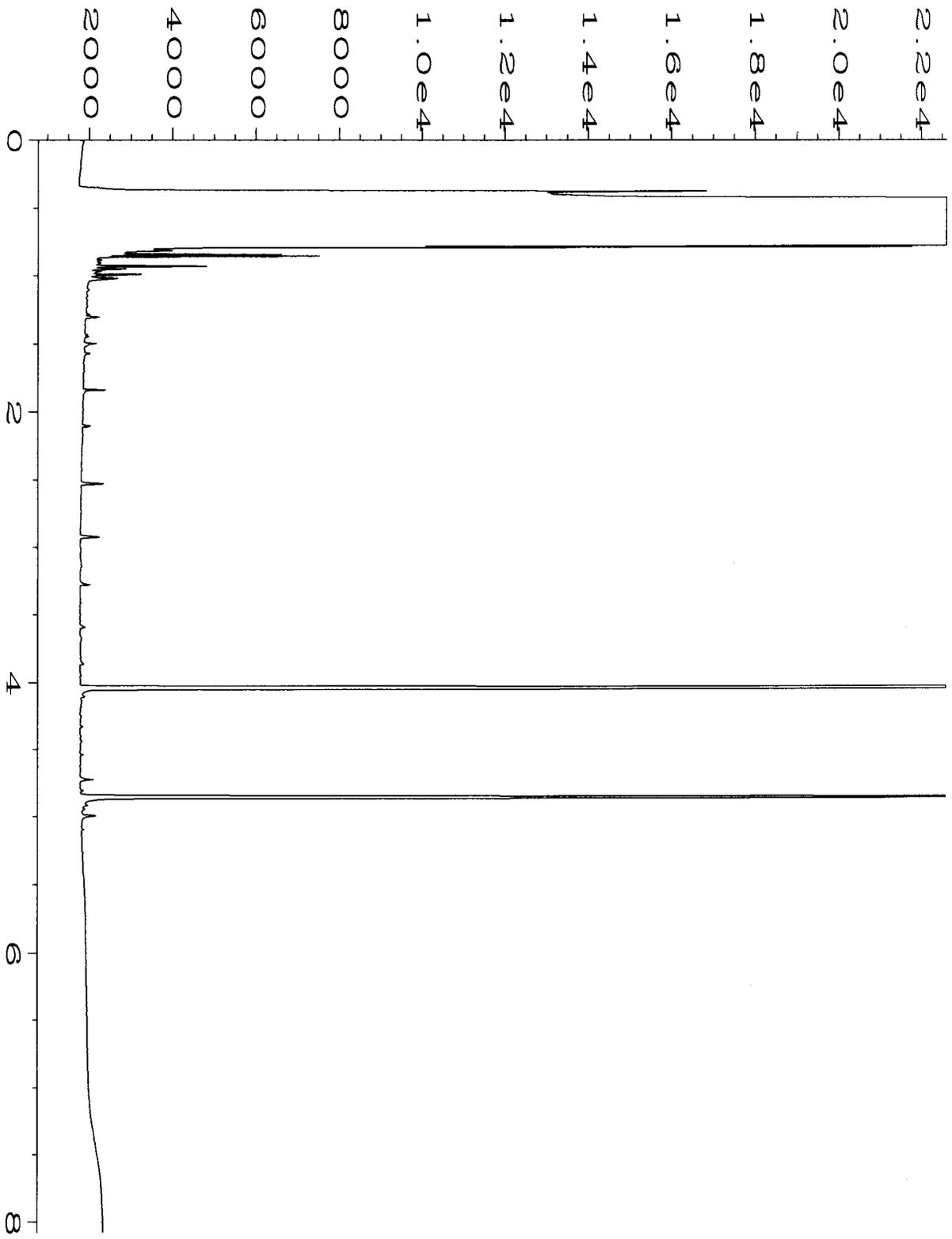
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

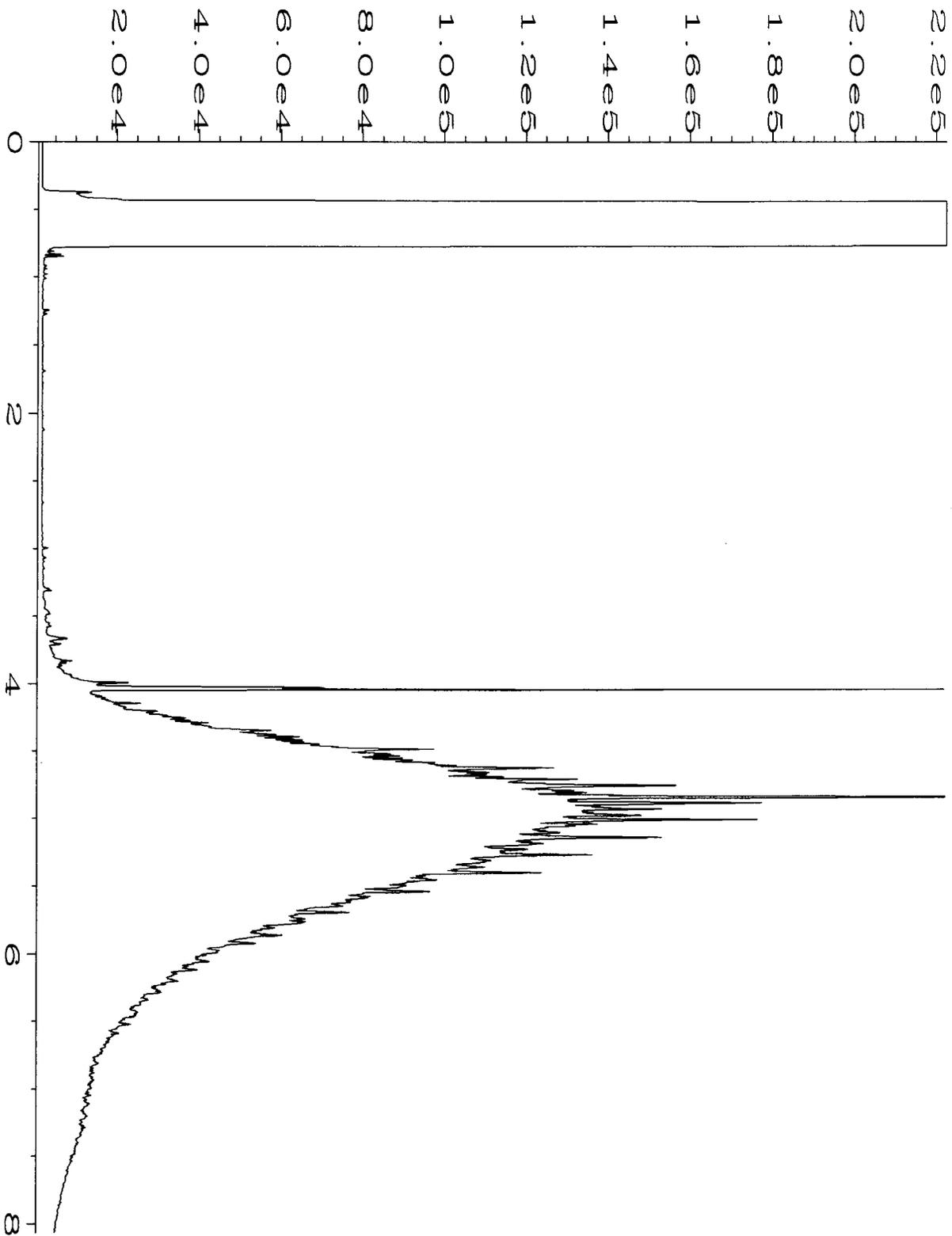
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



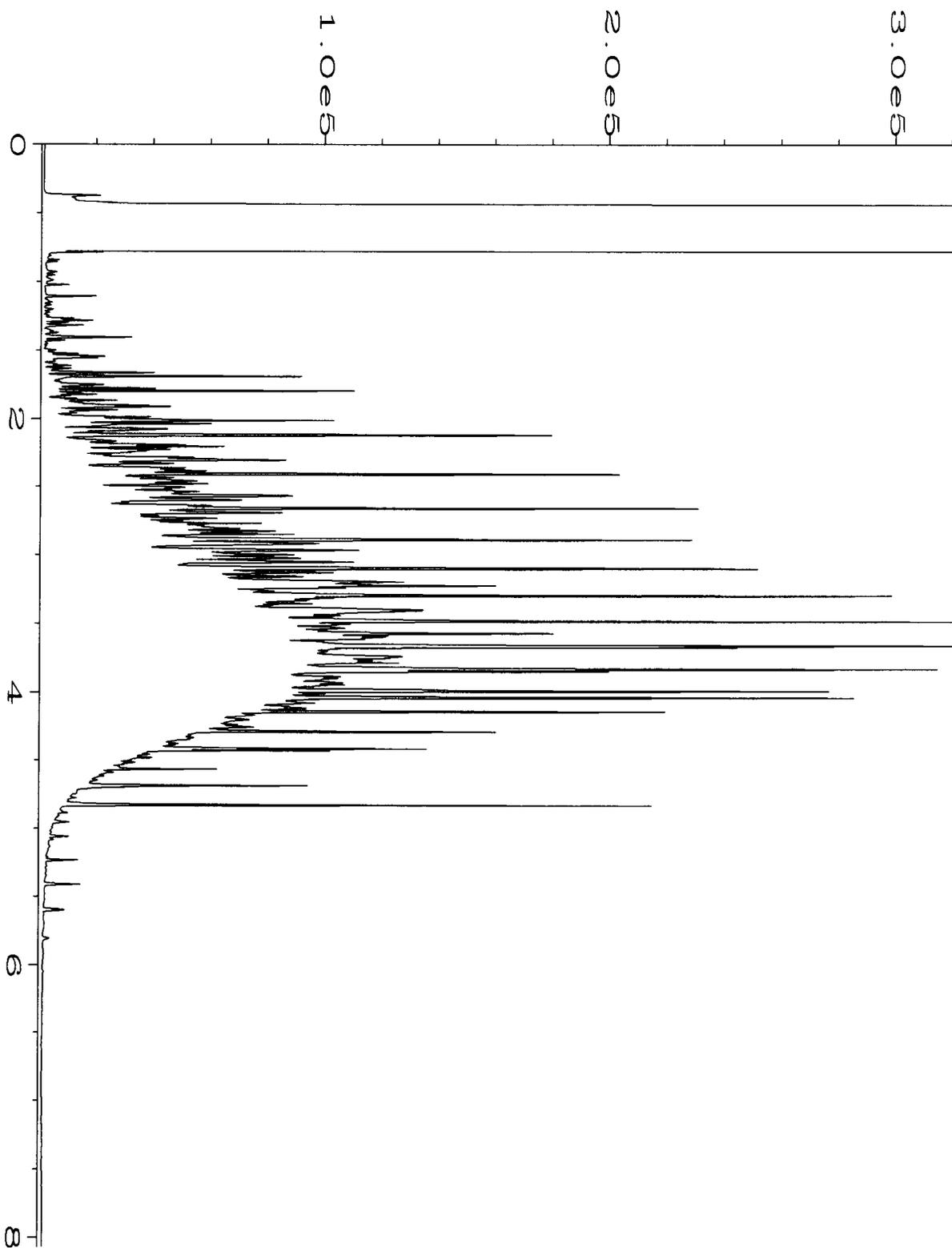
Data File Name	: C:\HPCHEM\4\DATA\12-12-14\035F0901.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 35
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412131-07	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 06:33 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2491 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:41 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		

412131

SAMPLE CHAIN OF CUSTODY

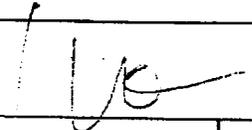
M9 EC₂/NS₁ 12/8/14

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

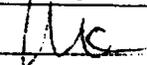
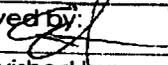
Standard (2 Weeks)
RUSH _____
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HC20	Notes
PIWSW-23	PI	23	01 ^A	12/8/14	0735	soil	6	X	X	X	X	X	
JJ28SSW-33	JJ28	33	02 ^A	12/8/14	0825	soil	5						24-hr TAT
JJ24SSW-33	JJ24	33	03 ^A	12/8/14	0830	soil	5						
JJ23SSW-33	JJ23	33	04 ^A	12/8/14	0835	soil	5	✓	✓	✓	✓	✓	✓ per cp 12/8/14
JJ21SSW-33	JJ21	33	05 ^A	12/8/14	1030	soil	5						42
JJ16SSW-33	JJ16	33	06 ^A	12/8/14	1035	soil	5						0-per PK 12/12/14
CC16SSW-33	CC-1	33	07 ^A	12/8/14	1040	soil	5	0	0	0	0	X	MC
12/8/14												Samples received at 4:30 PM	

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: 	Courtney Porter	SoundEarth	12/8/14	1045
Received by: 	Eric [unclear]	FRB	12/8	1045
Relinquished by:				
Received by:				

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

December 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 8, 2014 from the SOU_0731-004-05_20141208, F&BI 412131 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 8, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141208, F&BI 412131 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412131 -01	P1WSW-23
412131 -02	JJ28SSW-33
412131 -03	JJ24SSW-33
412131 -04	JJ23SSW-33
412131 -05	JJ21SSW-33
412131 -06	JJ16SSW-33
412131 -07	CC1WSW-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

Date Extracted: 12/08/14 and 12/09/14

Date Analyzed: 12/08/14 and 12/09/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
P1WSW-23 412131-01	<2	85
JJ23SSW-33 412131-04	<2	82
Method Blank 04-2435 MB	<2	82
Method Blank 04-2436 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

Date Extracted: 12/08/14

Date Analyzed: 12/08/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
P1WSW-23 412131-01	<50	<250	106
JJ23SSW-33 412131-04	<50	<250	93
Method Blank 04-2463 MB	<50	<250	100
Method Blank 04-2465 MB	<50	<250	95

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P1WSW-23	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412131
Date Extracted:	12/08/14	Lab ID:	412131-01
Date Analyzed:	12/08/14	Data File:	120811.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ23SSW-33	Client:	SoundEarth Strategies
Date Received:	12/08/14	Project:	SOU_0731-004-05_20141208, F&BI 412131
Date Extracted:	12/08/14	Lab ID:	412131-04
Date Analyzed:	12/08/14	Data File:	120824.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141208, F&BI 412131
Date Extracted:	12/08/14	Lab ID:	04-2451 mb
Date Analyzed:	12/08/14	Data File:	120806.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	mg/kg (ppm)	20	85	85	61-153	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412148-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

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

Laboratory Code: 412126-03 (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	63,000	33 b	0 b	63-146	188 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

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

Laboratory Code: 412100-08 (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	92	102	63-146	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/08/14

Project: SOU_0731-004-05_20141208, F&BI 412131

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412131-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	49	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	61	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	65	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	72	14-128	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	70	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	78	76	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	79	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	76	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	79	78	30-112	1
Toluene	mg/kg (ppm)	2.5	<0.05	84	81	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	80	27-110	2
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	85	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	87	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	89	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	90	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	93	72-116
Benzene	mg/kg (ppm)	2.5	88	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	94	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	93	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	101	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

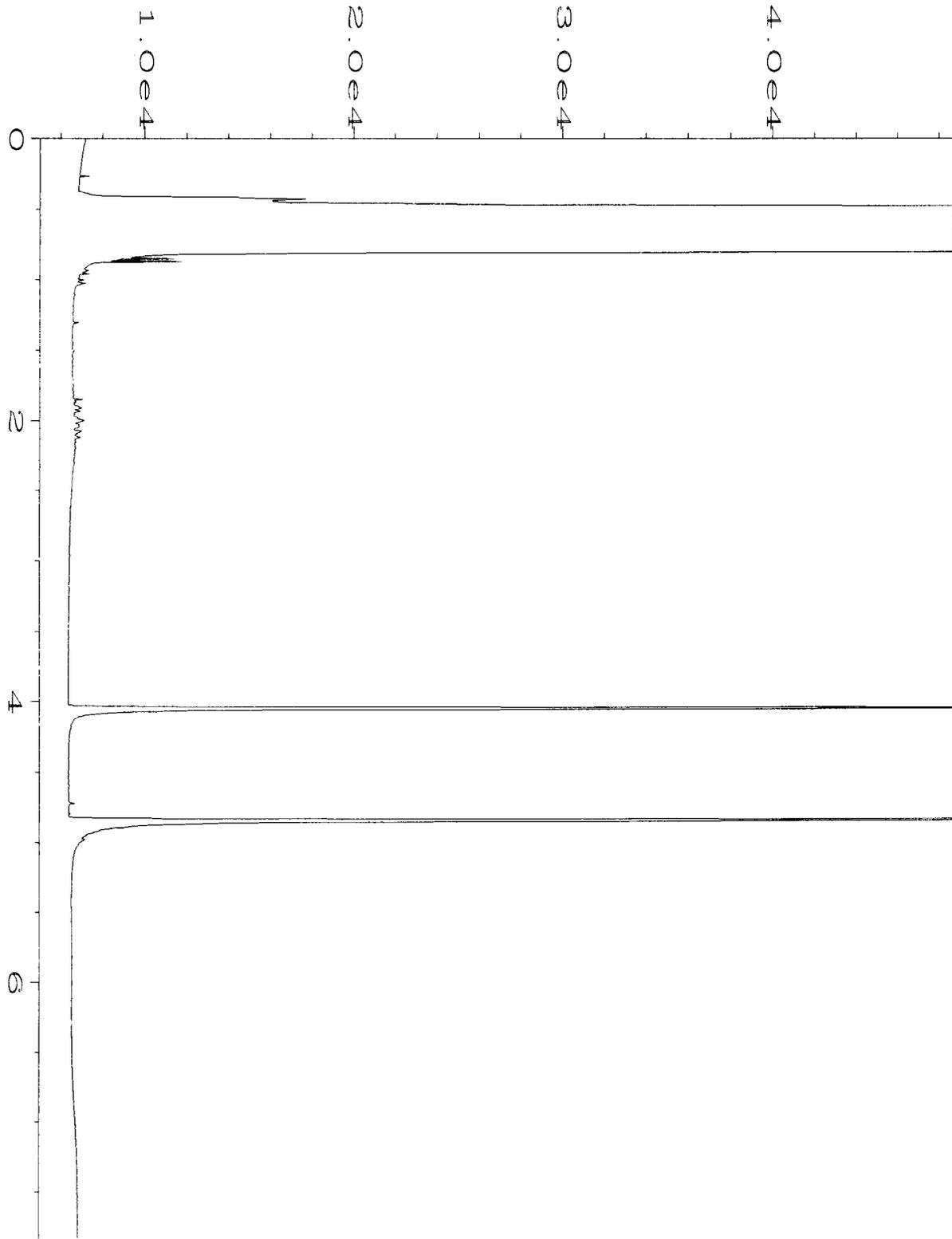
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

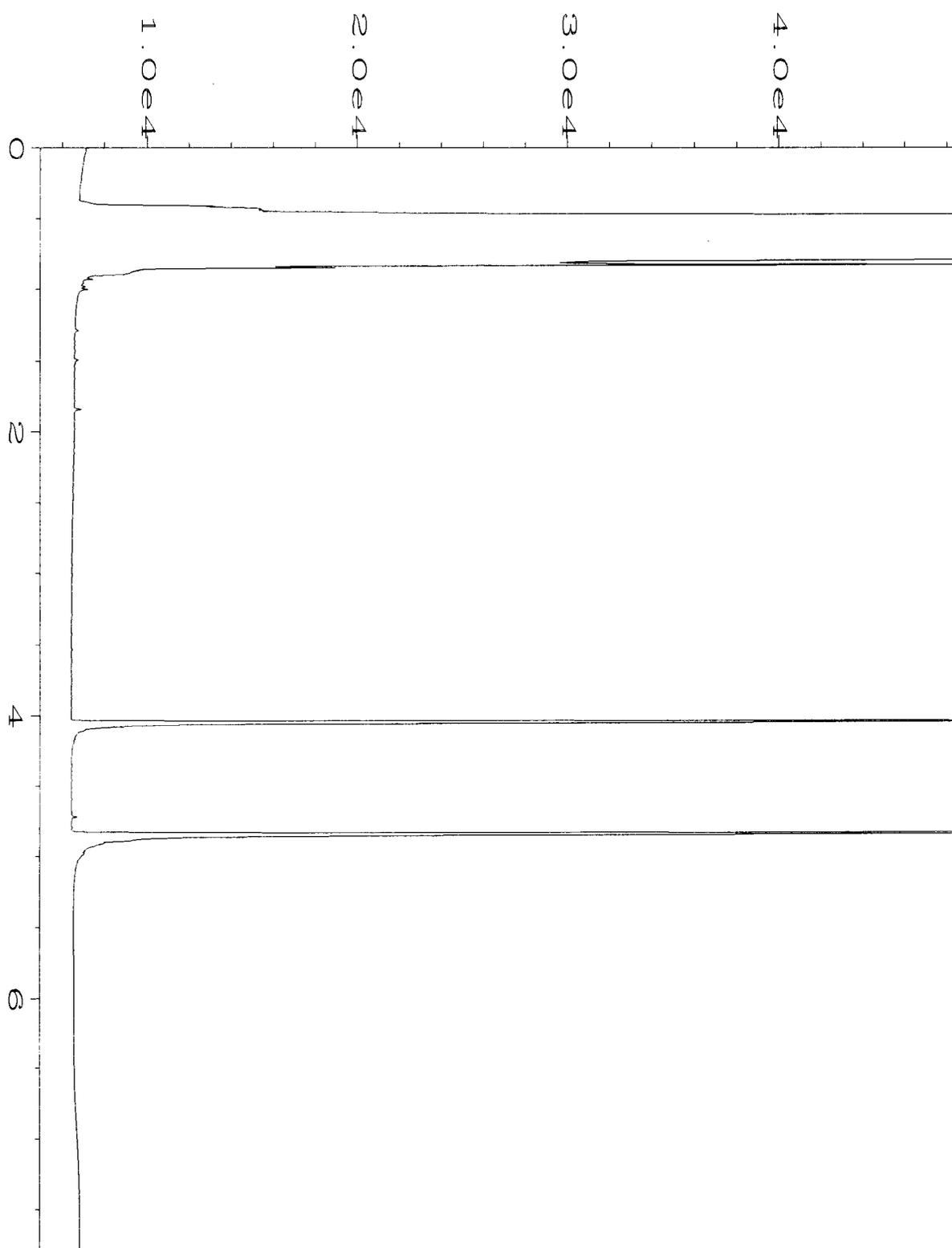
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

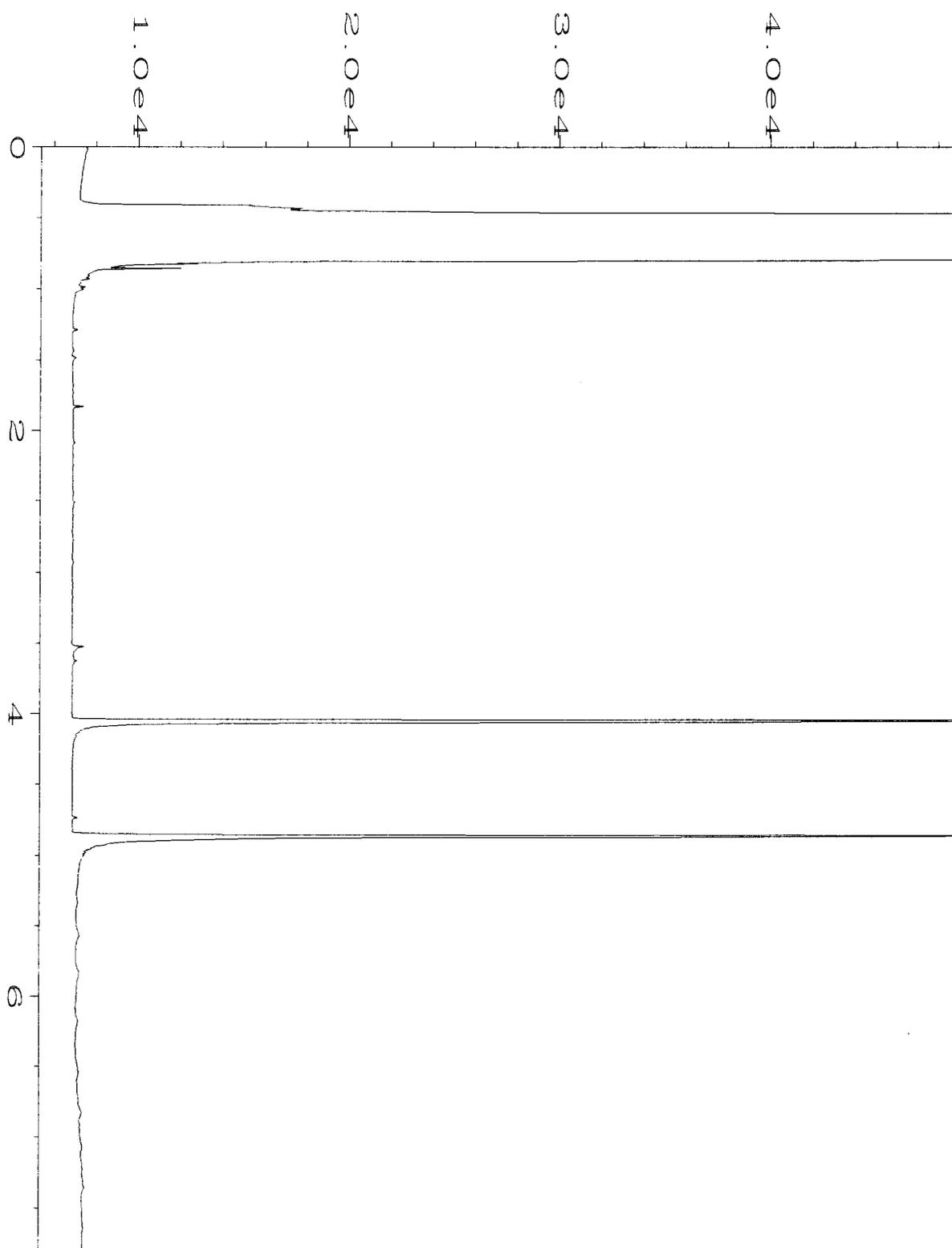
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



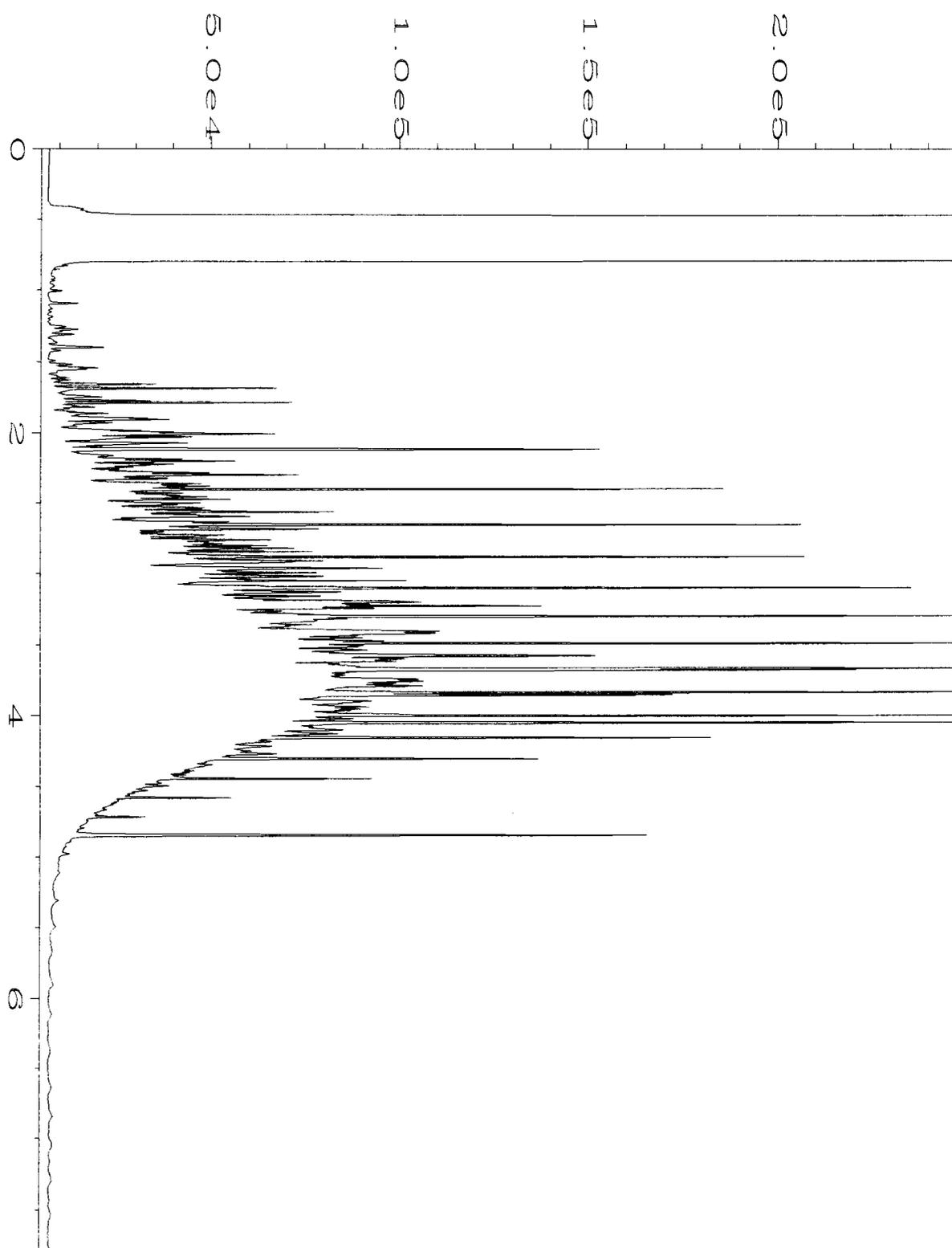
Data File Name	: C:\HPCHEM\1\DATA\12-08-14\030F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 30
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412131-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 05:16 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:29 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\043F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 43
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412131-04	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 08:21 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:29 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2463 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 10:20 AM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-08-14\005F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 08 Dec 14 03:49 PM	Analysis Method	: DX.MTH
Report Created on:	09 Dec 14 09:28 AM		

412131

SAMPLE CHAIN OF CUSTODY

M9 EQ₂NS₁ 12/8/14

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	WGLD	Notes
PI1WSW-23	PI	23	01A	12/8/14	0735	soil	6	X	X	X	X		24-hr TAT
JJ28SSW-33	JJ28	33	02A	12/8/14	0825	soil	5					X	
JJ24SSW-33	JJ24	33	03A	12/8/14	0830	soil	5					X	
JJ23SSW-33	JJ23	33	04A	12/8/14	0835	soil	5	✓	✓	✓	✓	X	✓ per cp 12/8/14 (4)
JJ21SSW-33	JJ21	33	05A	12/8/14	1030	soil	5					X	
JJ16SSW-33	JJ16	33	06A	12/8/14	1035	soil	5					X	
CC16SSW-33	CC-1	33	07A	12/8/14	1040	soil	5					X	
<p>12/8/14</p> <p>Samples received at <u>4:00</u></p>													

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: <i>[Signature]</i>	Courtney Porter	SoundEarth	12/8/14	10:05
Received by: <i>[Signature]</i>	<i>[Signature]</i>	F&B	12/8	12:05
Relinquished by:				
Received by:				

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

December 10, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 9, 2014 from the SOU_0731-004-05_20141209, F&BI 412155 project. There are 21 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures
c: Jonathan Loeffler, Courtney Porter
SOU1210R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 9, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141209, F&BI 412155 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412155 -01	AA1-25
412155 -02	BB6-30
412155 -03	BB6-26
412155 -04	DD6-30
412155 -05	DD6-26
412155 -06	FF6-30
412155 -07	FF6-26
412155 -08	EE9-35
412155 -09	EE9-30
412155 -10	EE9-26
412155 -11	BB10-35
412155 -12	BB10-30
412155 -13	BB10-26
412155 -14	CC1-25
412155 -15	W10-26
412155 -16	W6-25
412155 -17	O7-35
412155 -18	O7-30
412155 -19	O7-25
412155 -20	N3-25
412155 -21	N3-22
412155 -22	M2-24
412155 -23	L2-24

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412155

Date Extracted: 12/09/14

Date Analyzed: 12/09/14 and 12/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
DD6-30 412155-04	<2	87
DD6-26 412155-05	120	ip
FF6-30 412155-06	<2	90
FF6-26 412155-07	<2	84
EE9-35 412155-08	<2	85
EE9-30 412155-09	4.8	89
EE9-26 412155-10	<2	87
O7-35 412155-17	<2	88
O7-30 412155-18 1/5	63	105
O7-25 412155-19	3.5	91
N3-25 412155-20 1/10	2,600	ip

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412155

Date Extracted: 12/09/14

Date Analyzed: 12/09/14 and 12/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
N3-22 412155-21	2.4	100
Method Blank 04-2436 MB	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD6-30	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-04
Date Analyzed:	12/09/14	Data File:	120926.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD6-26	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-05
Date Analyzed:	12/09/14	Data File:	120942.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	90	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF6-30	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-06
Date Analyzed:	12/09/14	Data File:	120927.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	FF6-26	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-07
Date Analyzed:	12/09/14	Data File:	120928.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE9-35	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-08
Date Analyzed:	12/09/14	Data File:	120929.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	93	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE9-30	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-09
Date Analyzed:	12/09/14	Data File:	120930.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	EE9-26	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-10
Date Analyzed:	12/09/14	Data File:	120931.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	CC1-25	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-14
Date Analyzed:	12/09/14	Data File:	120932.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W10-26	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-15
Date Analyzed:	12/09/14	Data File:	120940.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	89	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W6-25	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-16
Date Analyzed:	12/09/14	Data File:	120933.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O7-30	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-18
Date Analyzed:	12/09/14	Data File:	120939.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.073

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O7-25	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-19
Date Analyzed:	12/09/14	Data File:	120934.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-25	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-20
Date Analyzed:	12/09/14	Data File:	120941.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N3-22	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	412155-21
Date Analyzed:	12/09/14	Data File:	120935.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141209, F&BI 412155
Date Extracted:	12/09/14	Lab ID:	04-2454 mb
Date Analyzed:	12/09/14	Data File:	120923.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412148-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/10/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412155

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412155-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	51	10-91	9
Chloroethane	mg/kg (ppm)	2.5	<0.5	68	62	10-101	9
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	68	11-103	7
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	77	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	74	13-112	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	81	77	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	82	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	79	22-124	7
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	78	27-112	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	83	30-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	85	84	27-110	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	75	42-107
Chloroethane	mg/kg (ppm)	2.5	80	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	85	65-110
Methylene chloride	mg/kg (ppm)	2.5	87	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	87	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	88	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	88	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	90	72-116
Trichloroethene	mg/kg (ppm)	2.5	90	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	91	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

412155

SAMPLE CHAIN OF CUSTODY

ME 12-09-14

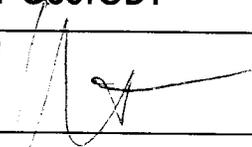
VS3/BI1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

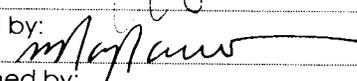
Page # 1 of 2

TURNAROUND TIME
Standard (2 Weeks)
RUSH 21-hr
Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
AA1-25	AA1	25	01 ^A	12/9/14	0850	soil	4					X	
B36-30	B36	30	02	12/9/14	1045	soil	4					X	
B36-26	B36	26	03	12/9/14	1050	soil	4					X	
DD6-30	DD6	30	04	12/9/14	1100	soil	4	/			X		
DD6-26	DD6	26	05	12/9/14	1105	soil	4	/			X		
FF6-30	FF6	30	06	12/9/14	1115	soil	4	X			X		
FF6-26	FF6	26	07	12/9/14	1120	soil	4	X			X		
EE9-35	EE9	35	08	12/9/14	1125	soil	4	/			X		
EE9-30	EE9	30	09	12/9/14	1130	soil	4	X			X		
EE9-26	EE9	26	10 ^A	12/9/14	1135	soil	5	X			X		
BB10-35	BB10	35	11 ^A	12/9/14	1145	soil	4					X	
BB10-30	BB10	30	12	12/9/14	1150	soil	4					X	
BB10-26	BB10	26	13 ^A	12/9/14	1155	soil	4					X	

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: 	Courtney Porter	SoundEarth	12/9/14	1540
Received by: 	Nhan Phan	FEBI	12/9/14	1540
Relinquished by:				
Received by:				

Samples received at 4°C

412155

SAMPLE CHAIN OF CUSTODY

ME-12/09/14

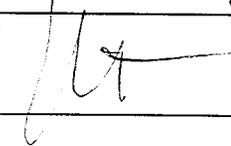
V83/BI1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

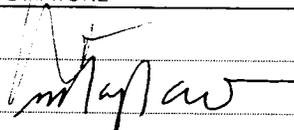
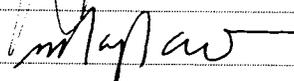
Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24-hr
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
CC1-25	CC1	25	14 ^A	12/9/14	1240	Soil	4				X		
W10-26	W10	24	15	12/9/14	1255	Soil	4				/		
W6-25	W6	25	16	12/9/14	1305	Soil	4				X		
O7-35	O7	35	17	12/9/14	1310	Soil	4	X					
O7-30	O7	30	18	12/9/14	1315	Soil	4	X			X		
O7-25	O7	25	19	12/9/14	1320	Soil	4	X			X		
N3-25	N3	25	20 ^E	12/9/14	1330	Soil	5	X			X		
N3-22	N3	22	21	12/9/14	1335	Soil	5	X			X		
M2-24	M2	24	22	12/9/14	1340	Soil	5					X	
L2-24	L2	24	23	12/9/14	1345	Soil	5					X	
								OP 12/9/14					

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: 	Courtney Porter	SoundEarth	12/9/14	1540
Received by: 	Nhan Phan	FERT	12/9/14	1540
Relinquished by:				
Received by:				

Samples received at 4 °C

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

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 9, 2014 from the SOU_0731-004-05_20141209, F&BI 412156 project. There are 9 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 9, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141209, F&BI 412156 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412156 -01	JJ6SSW-35
412156 -02	JJ4SSW-34
412156 -03	V1WSW-19
412156 -04	Y1WSW-20
412156 -05	Z1WSW-20
412156 -06	JJ14SSW-30
412156 -07	JJ13SSW-30
412156 -08	AA1WSW-26
412156 -09	AA1WSW-21
412156 -10	JJ2SSW-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Laboratory ID		
JJ6SSW-35 412156-01	<2	97
Method Blank 04-2482 MB	<2	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ6SSW-35 412156-01	<50	<250	101
Method Blank 04-2491 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ6SSW-35	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/12/14	Lab ID:	412156-01
Date Analyzed:	12/12/14	Data File:	121212.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/12/14	Lab ID:	04-2456 mb2
Date Analyzed:	12/12/14	Data File:	121207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412212-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

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

Laboratory Code: 412204-04 (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	102	109	73-135	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	78	79	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	84	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	92	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Benzene	mg/kg (ppm)	2.5	83	75-107
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Toluene	mg/kg (ppm)	2.5	85	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	89	81-114
m,p-Xylene	mg/kg (ppm)	5	91	82-115
o-Xylene	mg/kg (ppm)	2.5	93	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

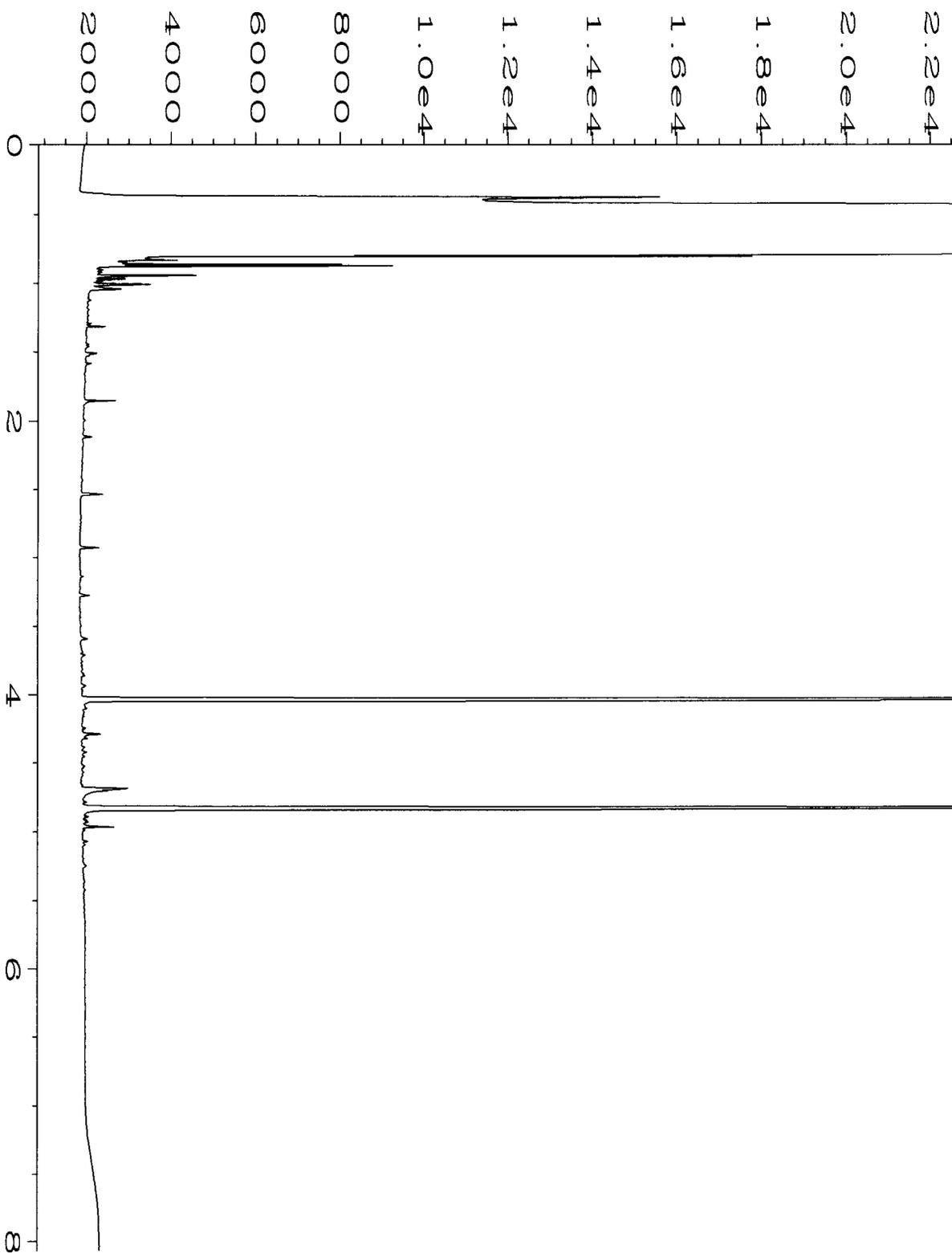
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

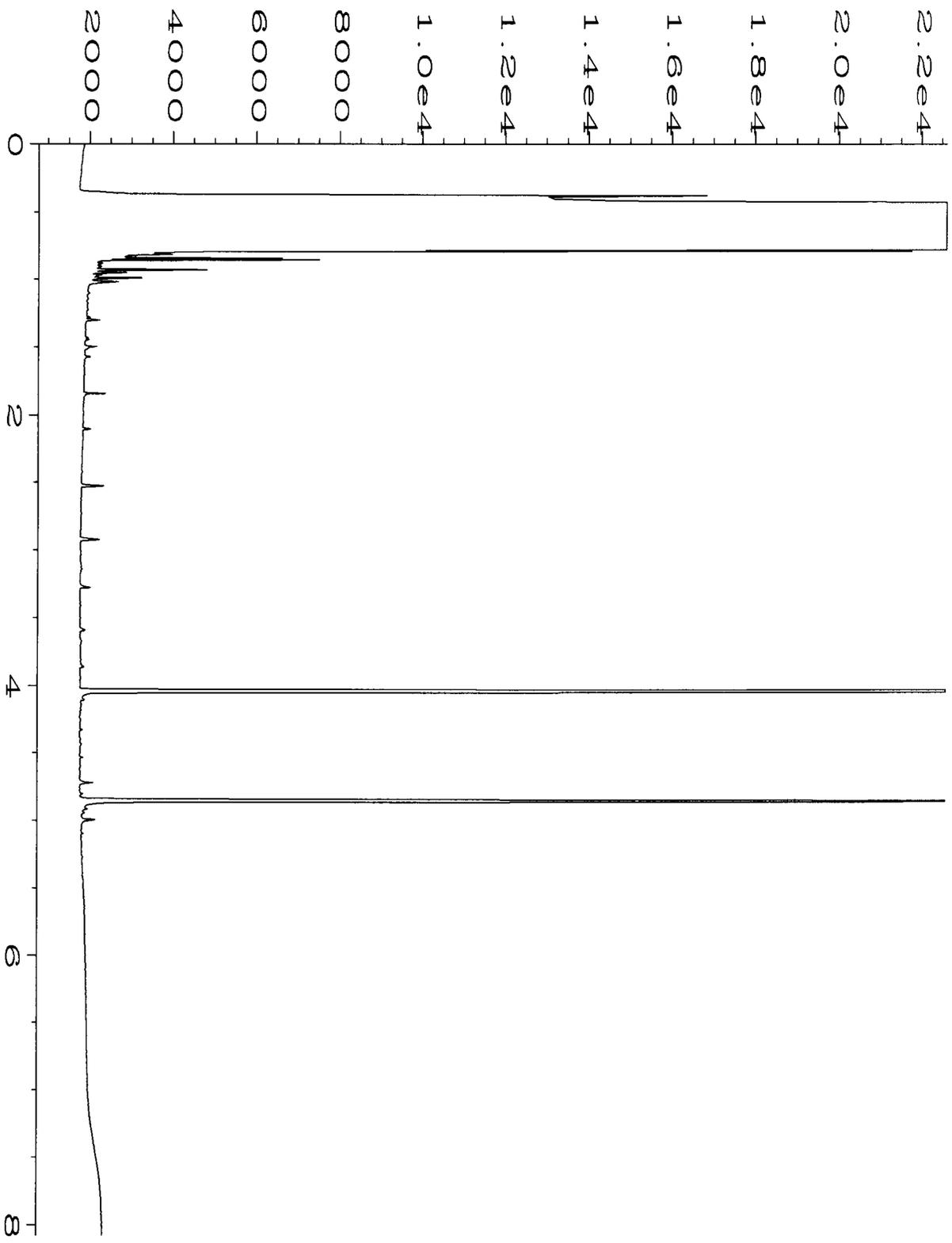
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

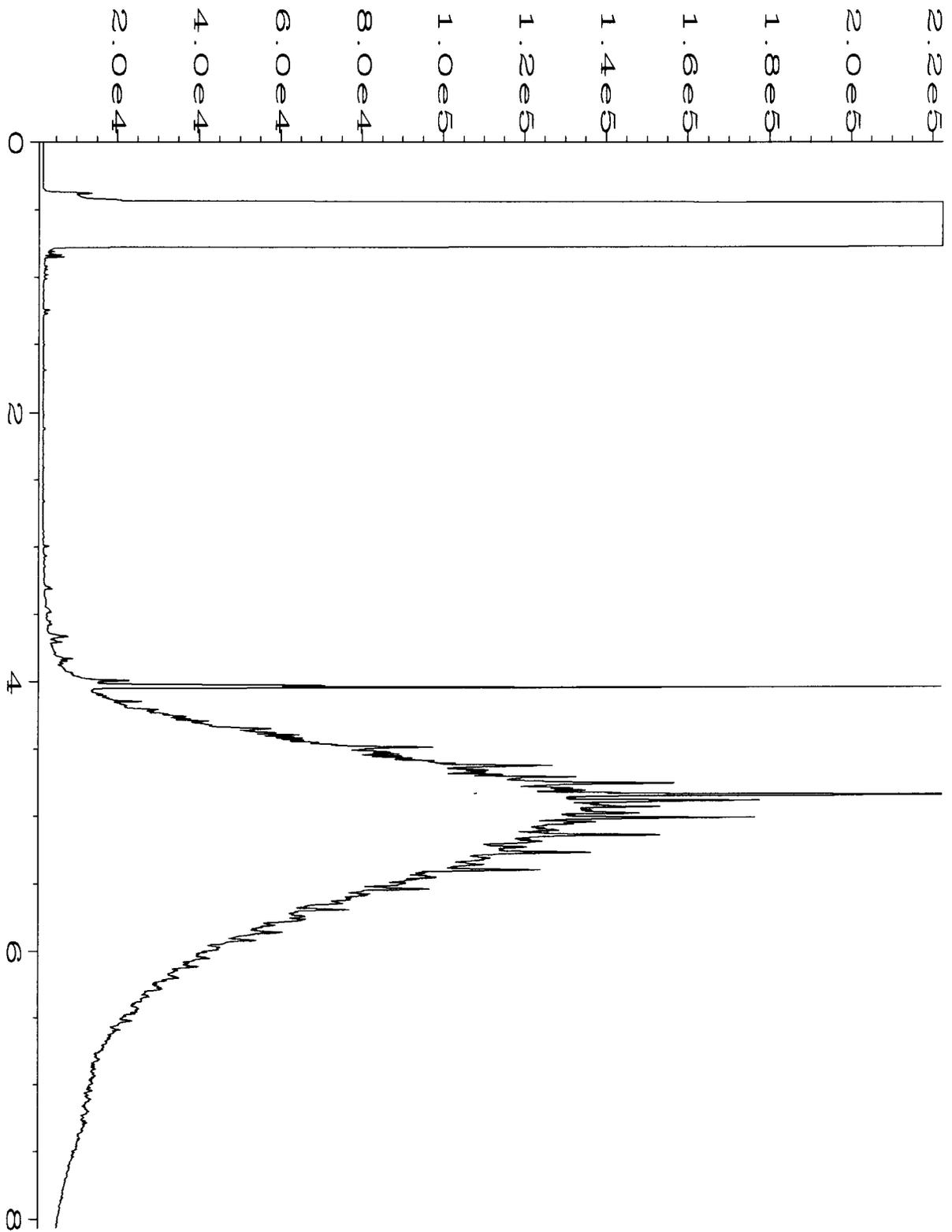
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



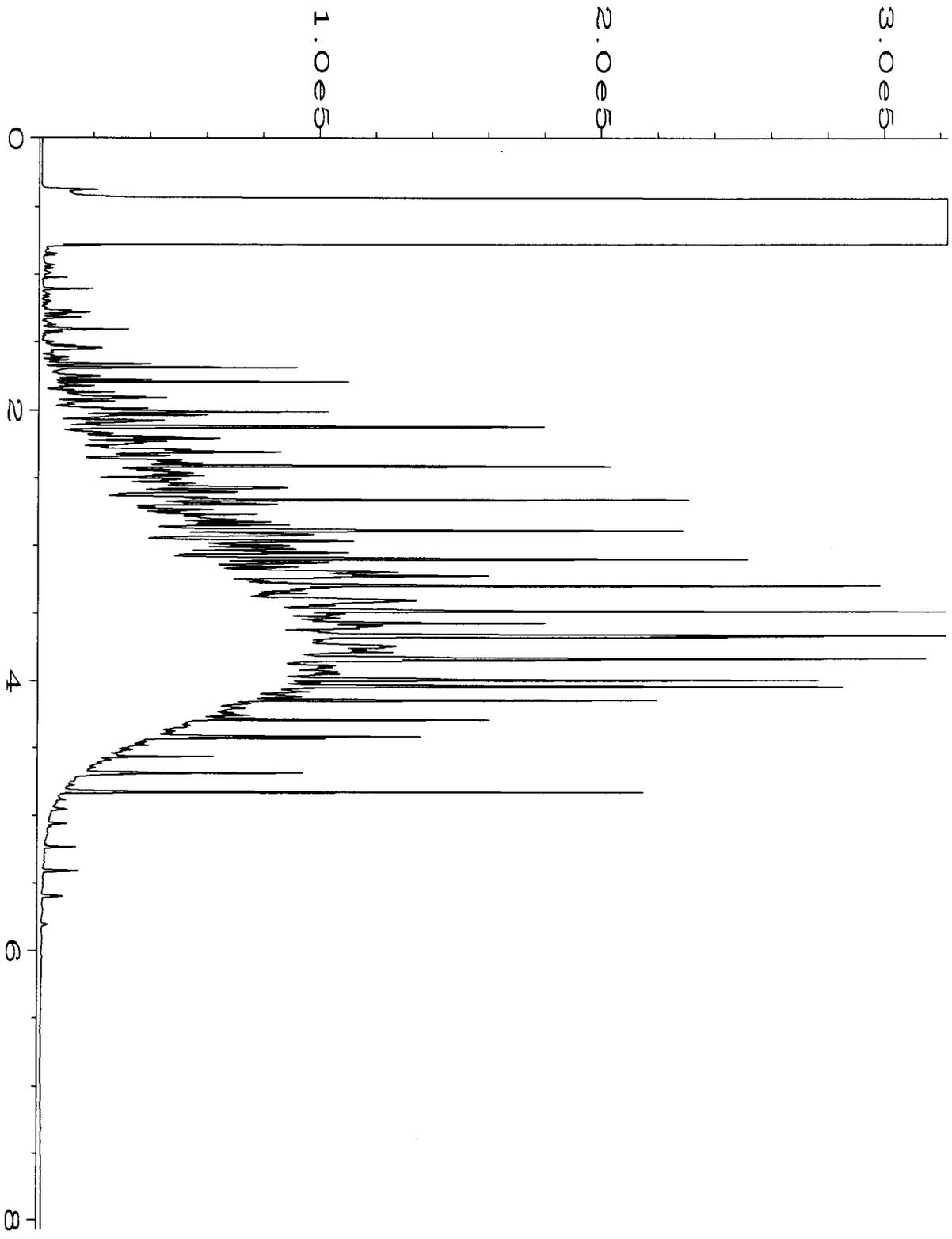
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Operator	: mwdl	Vial Number	: 36
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 06:47 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:13 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2491 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:41 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		

412156

SAMPLE CHAIN OF CUSTODY

ME 12/9/14

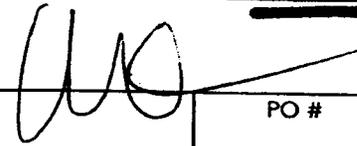
VS2/E03

Send Report To Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

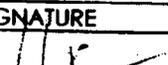
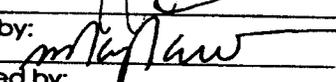
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # of
TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8280C	HOLD	Notes
JJ6SSW-35	JJ6	35	01 ^E	12/8/14	1230	soil	5	0	0	0	0	X	O-per PK 12/12/14 M
JJ4SSW-34	JJ4	34	02	12/8/14	1235	soil	5					X	
VIWSW-19	VI	19	03	12/8/14	1300	soil	5	X	X	X	X		
YIWSW-20	YI	20	04	12/8/14	1305	soil	5	X	X	X	X		
ZIWSW-20	ZI	20	05	12/8/14	1310	soil	5	X	X	X	X		
JJ14SSW-30	JJ14	30	06	12/9/14	0730	soil	5	X	X	X	X		
JJ13SSW-30	JJ13	30	07	12/9/14	0735	soil	5					X	
AA1WSW-26	AA1	26	08	12/9/14	0900	soil	5	X	X	X	X		
AA10WSW-21	AA1	21	09	12/9/14	0905	soil	5	X	X	X	X		
JJ2SSW-33	JJ2	33	10	12/9/14	0915	soil	5					X	
UP 12/9/14													

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: 	Courtney Porter	SoundEarth	12/9/14	1540
Received by: 	Nhan Phan	FEBT	12/9/14	1540
Relinquished by:				
Received by:				

Sample returned at 4:00

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

December 12, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 9, 2014 from the SOU_0731-004-05_20141209, F&BI 412156 project. There are 14 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1212R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 9, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141209, F&BI 412156 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412156 -01	JJ6SSW-35
412156 -02	JJ4SSW-34
412156 -03	V1WSW-19
412156 -04	Y1WSW-20
412156 -05	Z1WSW-20
412156 -06	JJ14SSW-30
412156 -07	JJ13SSW-30
412156 -08	AA1WSW-26
412156 -09	AA1WSW-21
412156 -10	JJ2SSW-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

Date Extracted: 12/10/14

Date Analyzed: 12/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
V1WSW-19 412156-03	<2	98
Y1WSW-20 412156-04	<2	100
Z1WSW-20 412156-05	<2	100
JJ14SSW-30 412156-06	<2	100
AA1WSW-26 412156-08	<2	99
AA1WSW-21 412156-09	<2	99
Method Blank 04-2437 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

Date Extracted: 12/10/14

Date Analyzed: 12/10/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
V1WSW-19 412156-03	<50	<250	107
Y1WSW-20 412156-04	<50	<250	116
Z1WSW-20 412156-05	<50	<250	112
JJ14SSW-30 412156-06	<50	<250	112
AA1WSW-26 412156-08	<50	<250	111
AA1WSW-21 412156-09	<50	<250	107
Method Blank 04-2474 MB	<50	<250	114

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	V1WSW-19	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-03
Date Analyzed:	12/10/14	Data File:	121009.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y1WSW-20	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-04
Date Analyzed:	12/10/14	Data File:	121010.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Z1WSW-20	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-05
Date Analyzed:	12/10/14	Data File:	121011.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ14SSW-30	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-06
Date Analyzed:	12/10/14	Data File:	121012.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-26	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-08
Date Analyzed:	12/10/14	Data File:	121013.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.027

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	AA1WSW-21	Client:	SoundEarth Strategies
Date Received:	12/09/14	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	412156-09
Date Analyzed:	12/10/14	Data File:	121014.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141209, F&BI 412156
Date Extracted:	12/10/14	Lab ID:	04-2455 mb
Date Analyzed:	12/10/14	Data File:	121008.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412156-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

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

Laboratory Code: 412156-03 (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	116	120	73-135	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	117	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/09/14

Project: SOU_0731-004-05_20141209, F&BI 412156

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412156-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	47	52	10-91	10
Chloroethane	mg/kg (ppm)	2.5	<0.5	57	64	10-101	12
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	66	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	68	76	14-128	11
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	68	74	13-112	8
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	72	77	23-115	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	83	25-120	10
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	76	80	22-124	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	79	27-112	8
Benzene	mg/kg (ppm)	2.5	<0.03	73	77	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	76	82	30-112	8
Toluene	mg/kg (ppm)	2.5	<0.05	78	84	34-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	77	82	27-110	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	88	38-111	7
m,p-Xylene	mg/kg (ppm)	5	<0.1	84	89	38-112	6
o-Xylene	mg/kg (ppm)	2.5	<0.05	86	92	38-113	7

Laboratory Code: Laboratory Control Sample

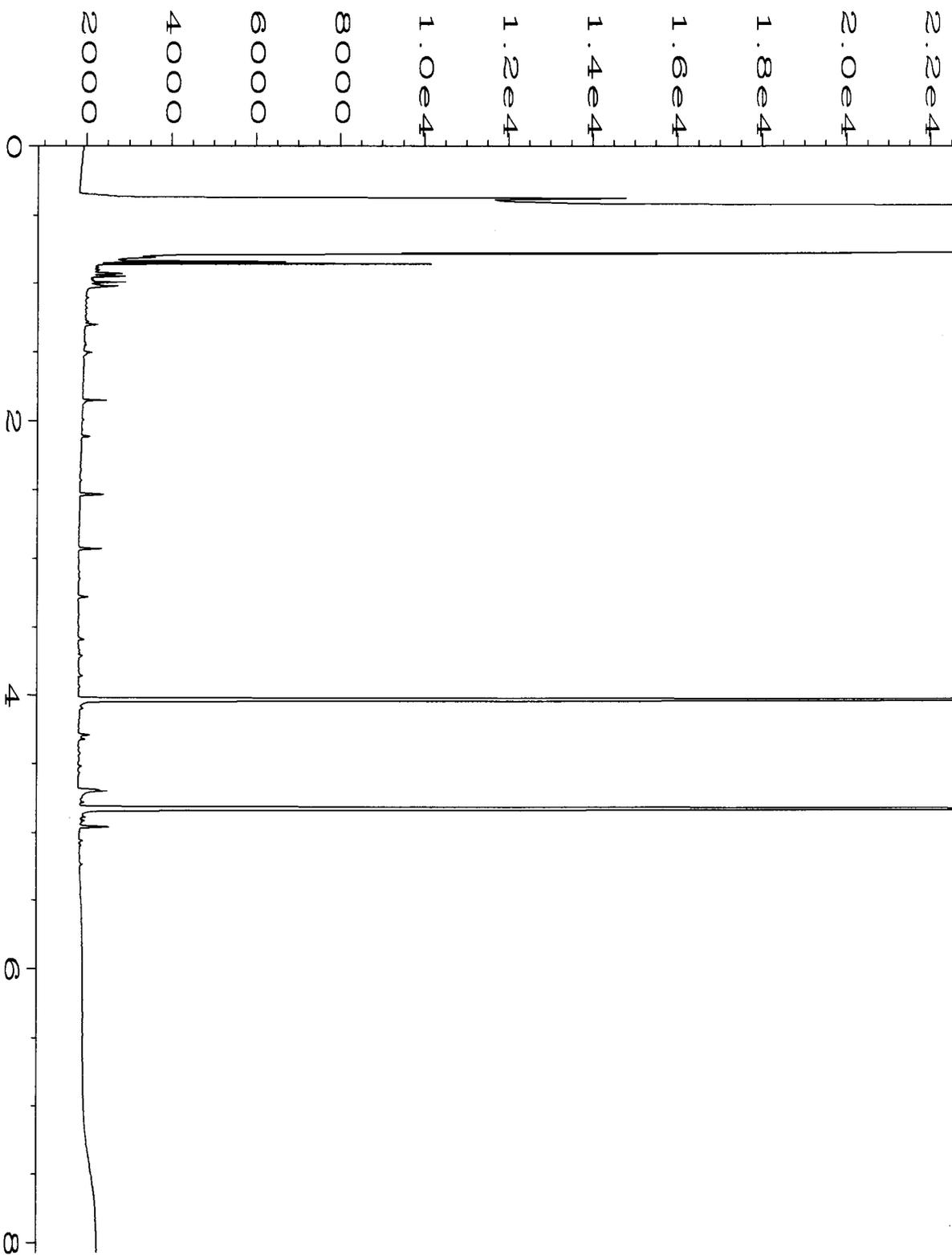
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	77	42-107
Chloroethane	mg/kg (ppm)	2.5	85	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	89	65-110
Methylene chloride	mg/kg (ppm)	2.5	93	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	92	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	95	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	96	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Benzene	mg/kg (ppm)	2.5	94	75-107
Trichloroethene	mg/kg (ppm)	2.5	98	72-107
Toluene	mg/kg (ppm)	2.5	99	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110
Ethylbenzene	mg/kg (ppm)	2.5	103	81-114
m,p-Xylene	mg/kg (ppm)	5	105	82-115
o-Xylene	mg/kg (ppm)	2.5	108	81-116

FRIEDMAN & BRUYA, INC.

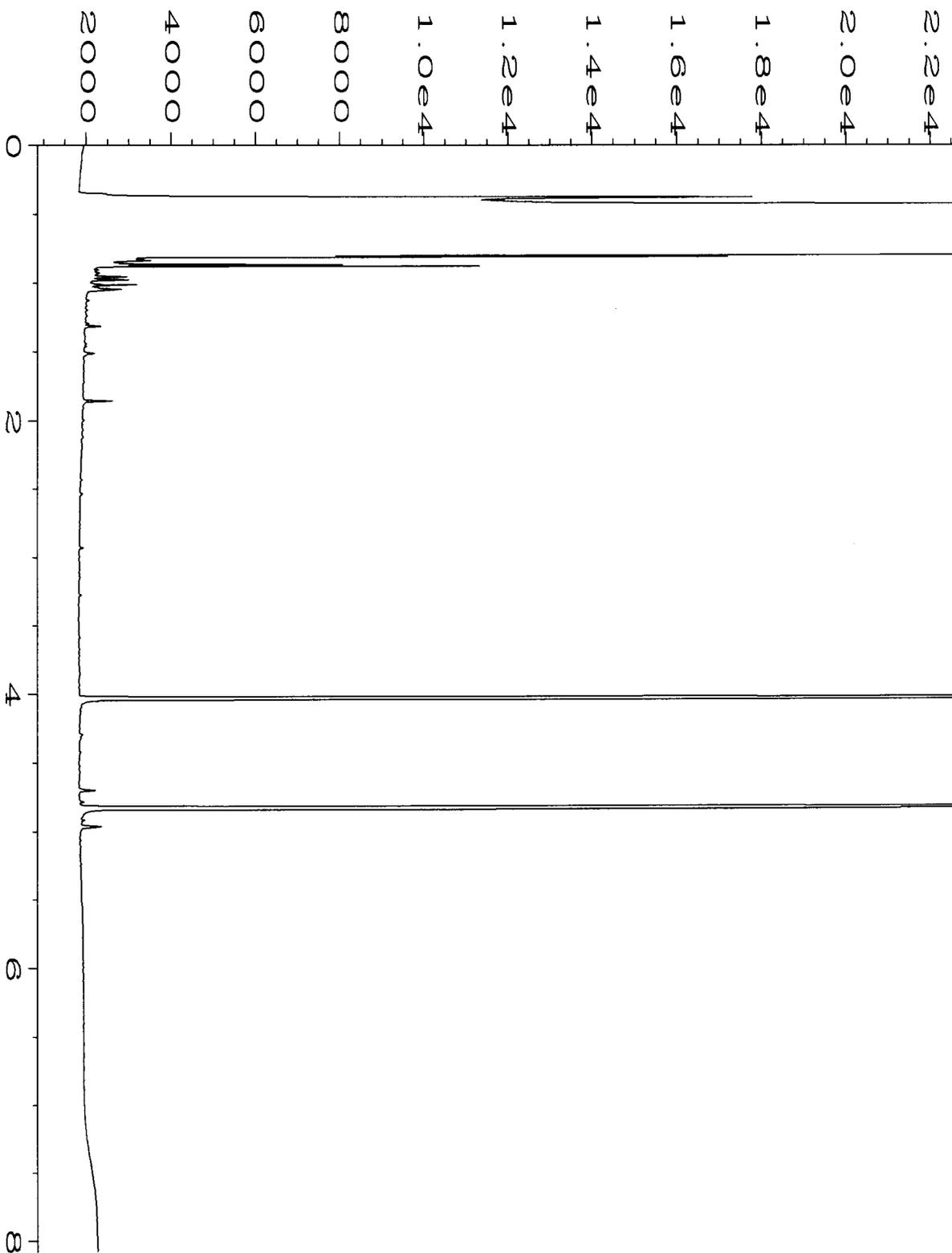
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

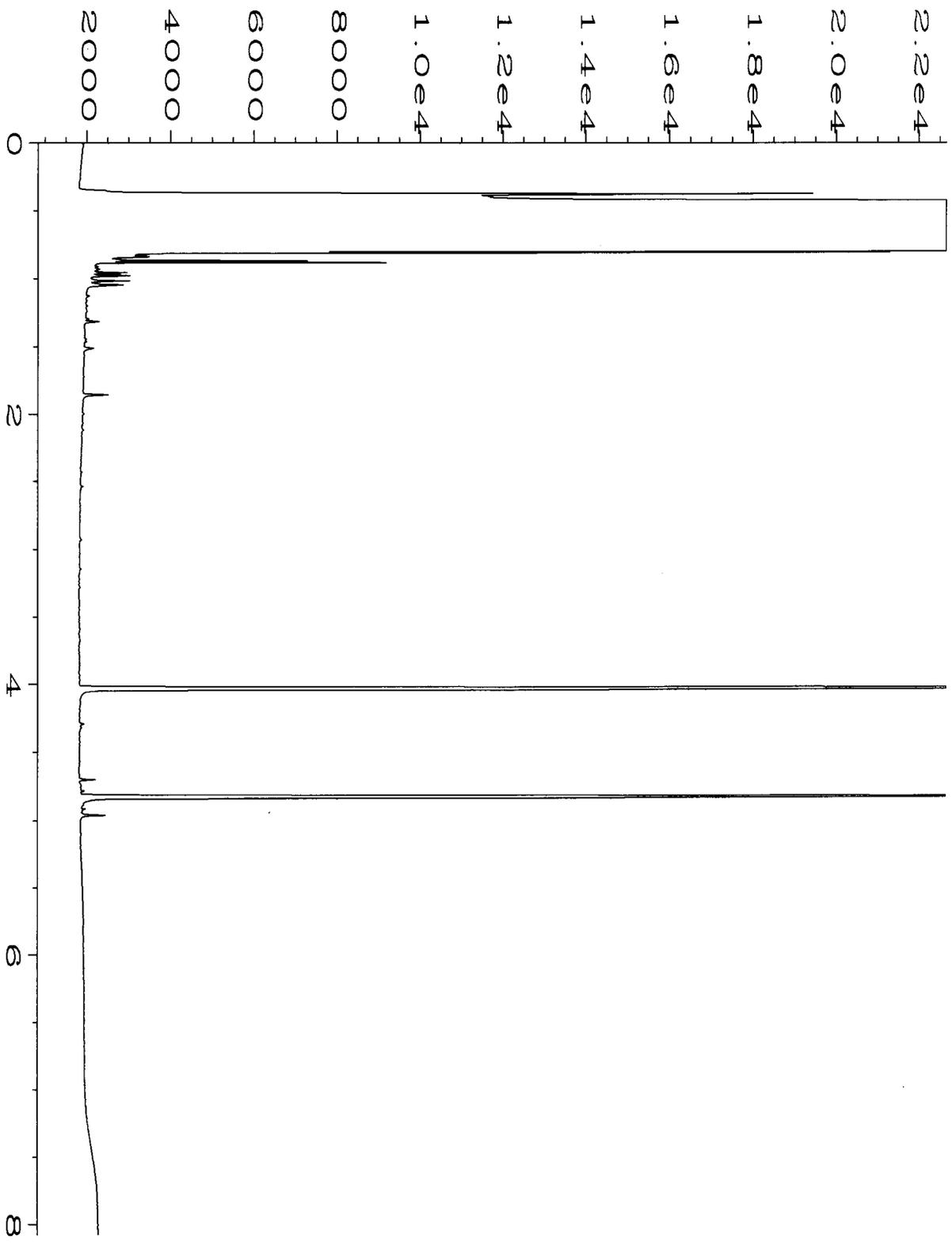
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



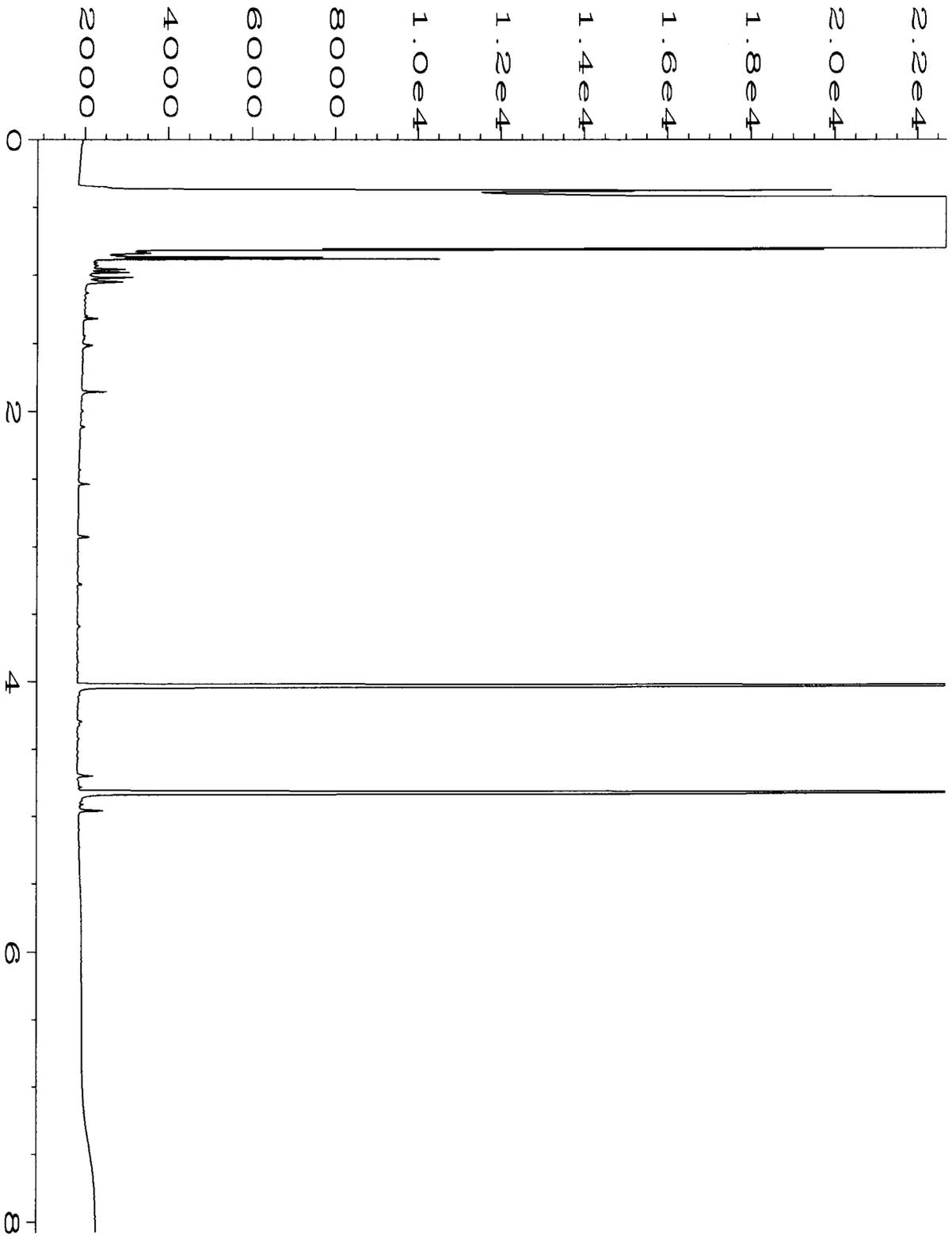
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Operator	: mwdl	Vial Number	: 21
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-03	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 12:59 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



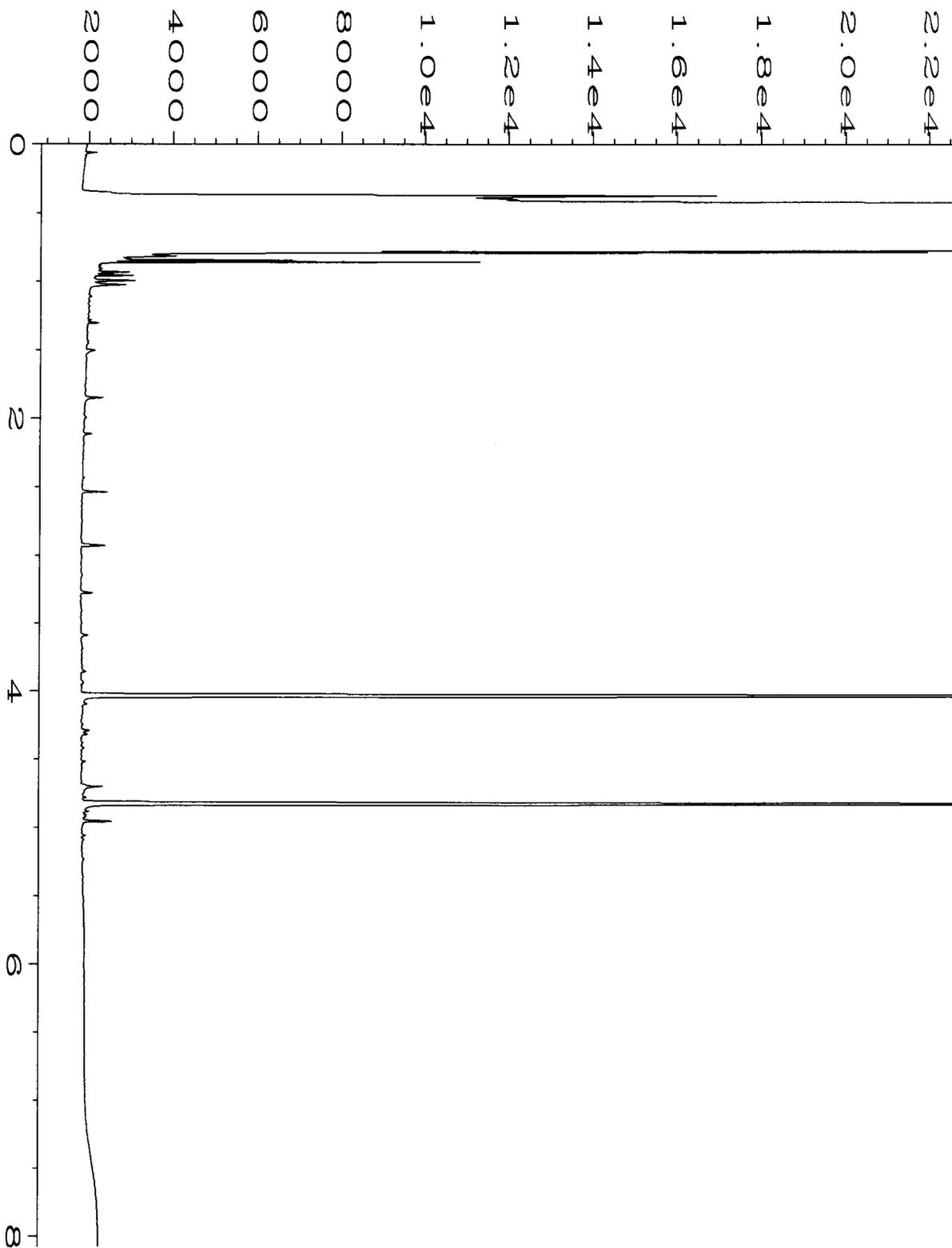
Data File Name	: C:\HPCHEM\4\DATA\12-10-14\022F0301.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 22
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-04	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 01:13 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



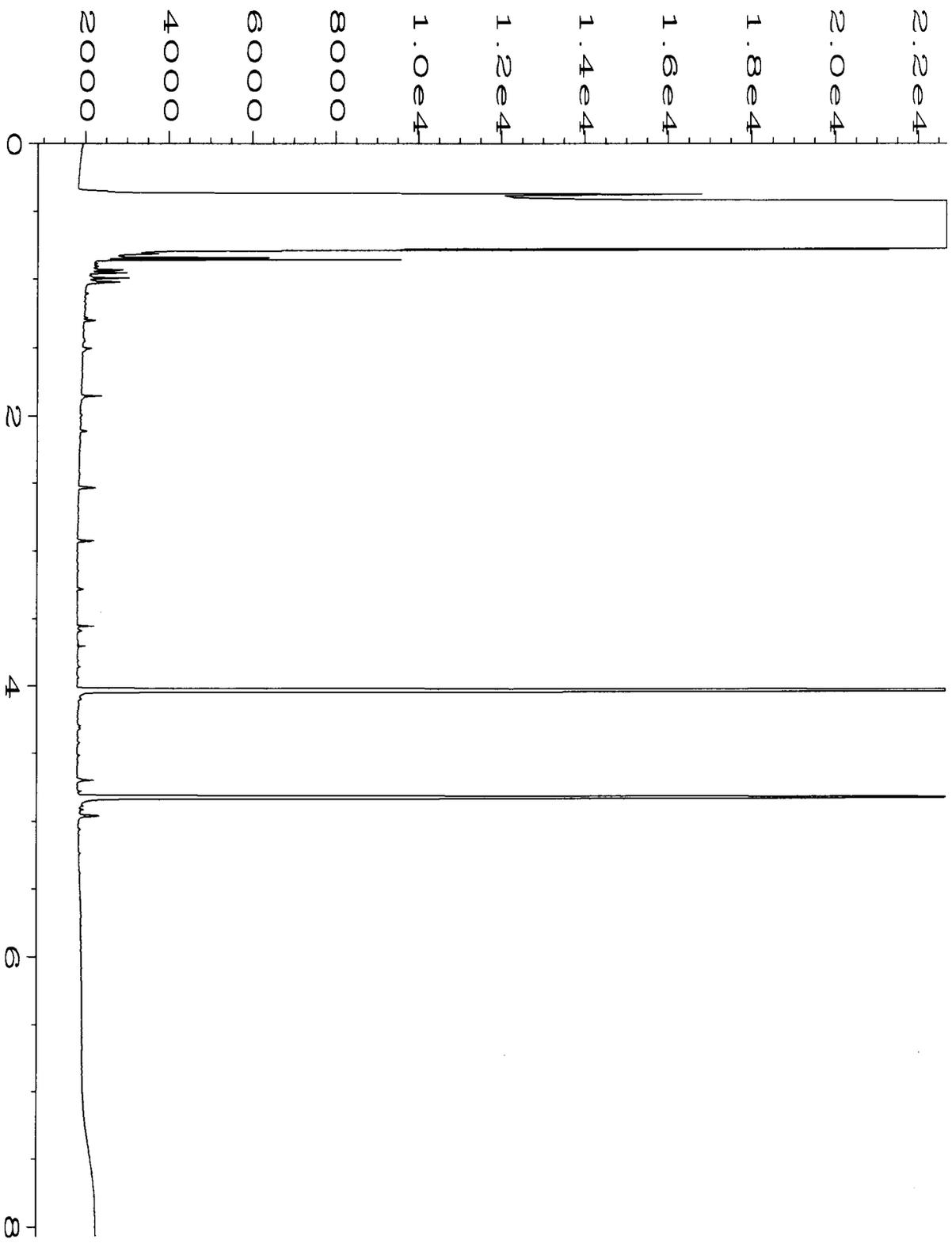
Data File Name	: C:\HPCHEM\4\DATA\12-10-14\023F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 23
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-05	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 01:26 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



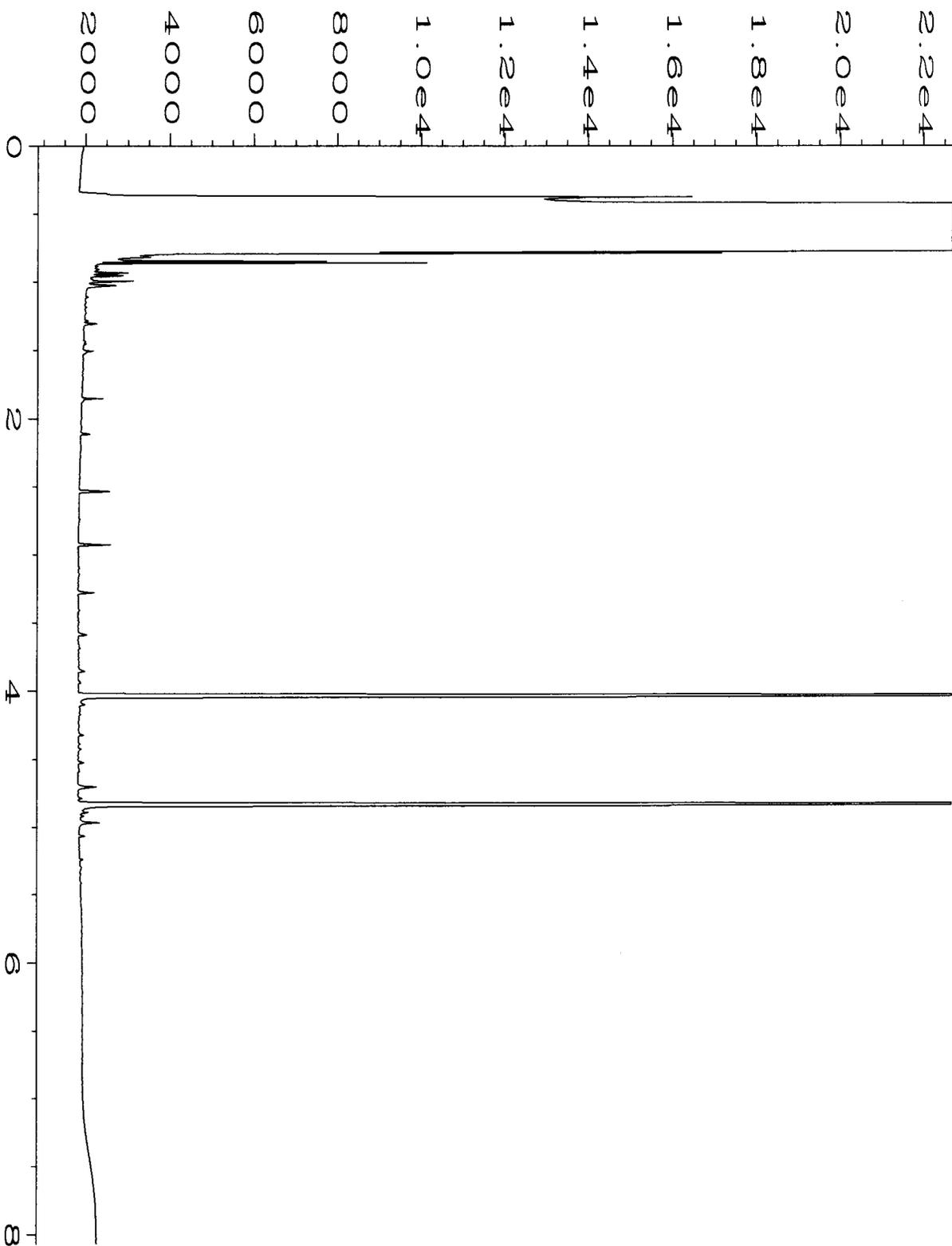
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Operator	: mwdl	Vial Number	: 24
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-06	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 01:40 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



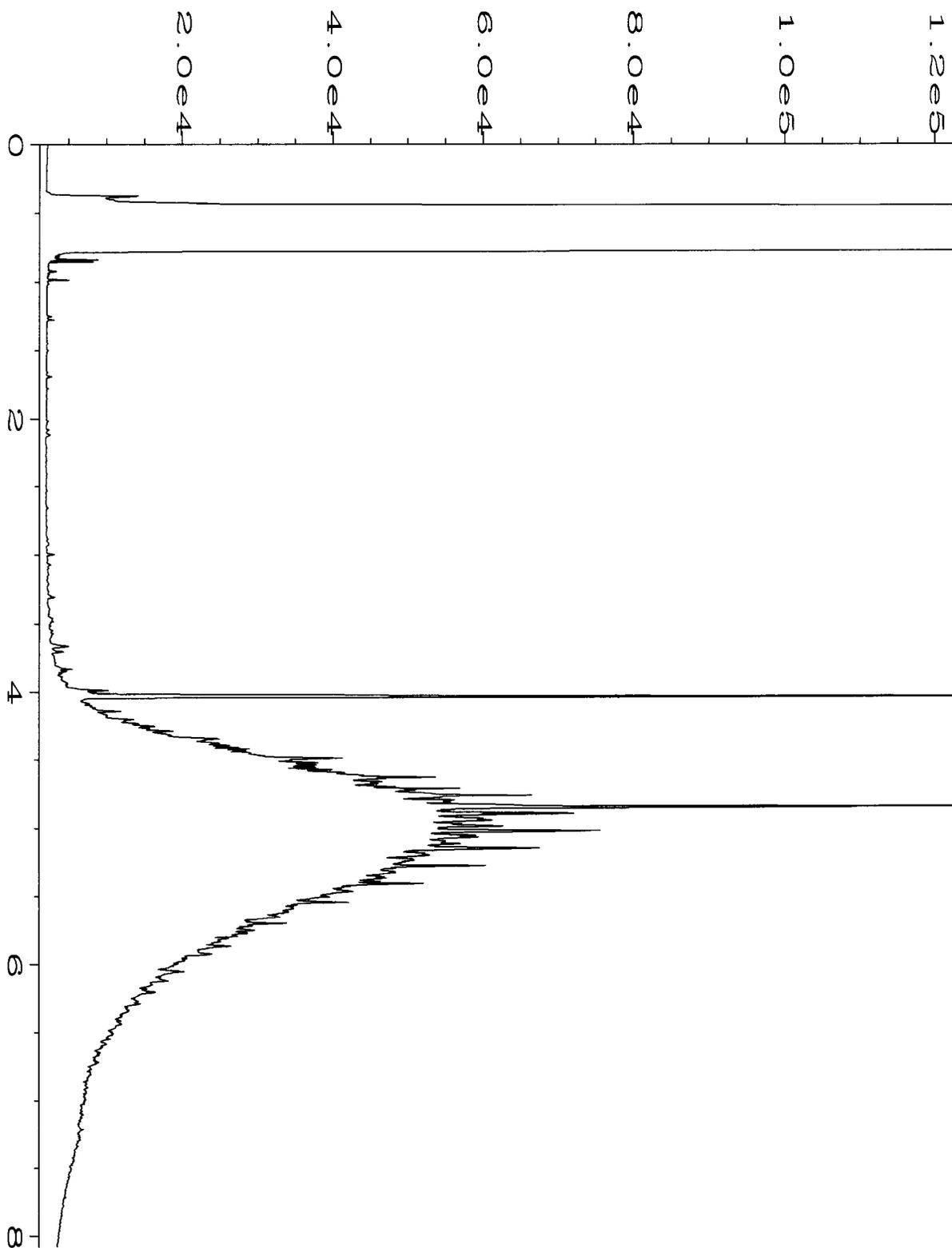
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Operator	: mwdl	Vial Number	: 25
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-08	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 01:53 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



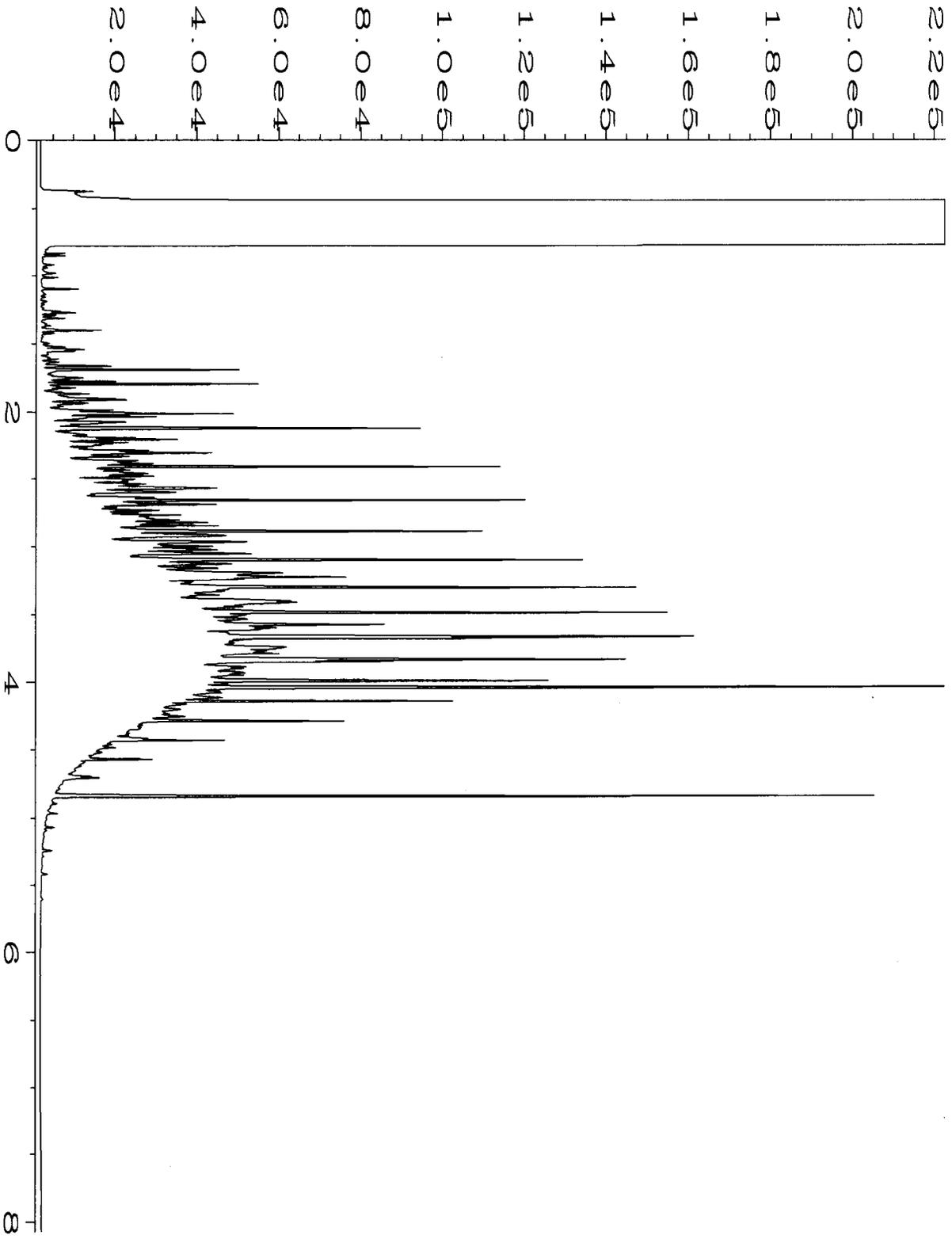
Data File Name	: C:\HPCHEM\4\DATA\12-10-14\026F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 26
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412156-09	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 02:07 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:08 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-10-14\017F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2474 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 12:05 PM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-10-14\002F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 2
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 MO 44-50B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 08:45 AM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:06 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-10-14\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 10 Dec 14 09:01 AM	Analysis Method	: DX.MTH
Report Created on:	11 Dec 14 09:07 AM		

412156

SAMPLE CHAIN OF CUSTODY

ME 12/9/14

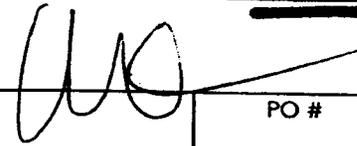
VS2/E03

Send Report To Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

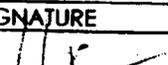
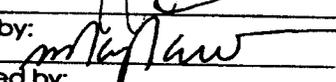
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # of
TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8280C	HOLD	Notes
JJ6SSW-35	JJ6	35	01 ^E	12/8/14	1230	soil	5	0	0	0	0	X	O-per PK 12/12/14 M
JJ4SSW-34	JJ4	34	02	12/8/14	1235	soil	5					X	
VIWSW-19	VI	19	03	12/8/14	1300	soil	5	X	X	X	X		
YIWSW-20	YI	20	04	12/8/14	1305	soil	5	X	X	X	X		
ZIWSW-20	ZI	20	05	12/8/14	1310	soil	5	X	X	X	X		
JJ14SSW-30	JJ14	30	06	12/9/14	0730	soil	5	X	X	X	X		
JJ13SSW-30	JJ13	30	07	12/9/14	0735	soil	5					X	
AA1WSW-26	AA1	26	08	12/9/14	0900	soil	5	X	X	X	X		
AA10WSW-21	AA1	21	09	12/9/14	0905	soil	5	X	X	X	X		
JJ2SSW-33	JJ2	33	10	12/9/14	0915	soil	5					X	

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: 	Courtney Porter	SoundEarth	12/9/14	1540
Received by: 	Nhan Phan	FEBT	12/9/14	1540
Relinquished by:				
Received by:				

Sample returned at 4:00

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

December 11, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 10, 2014 from the SOU_0731-004-05_20141210, F&BI 412188 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141210, F&BI 412188 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412188 -01	U8-30
412188 -02	U8-26
412188 -03	U12-35
412188 -04	U12-30
412188 -05	U12-26

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412188

Date Extracted: 12/10/14

Date Analyzed: 12/10/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
U8-26 412188-02	<2	84
U12-30 412188-04 1/10	100	89
U12-26 412188-05	19	110
Method Blank 04-2437 MB	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412188

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412156-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412188

SAMPLE CHAIN OF CUSTODY

ME 12/10/14 vsj/CTJ

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # _____ of _____
TURNAROUND TIME Standard (2 Weeks) ✓ RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes	
U8-30	U8	30'	01A	12/10/14	0910	SOIL	5							
U8-26	U8	26'	02B	↓	0915	SOIL	4	X					X PK 12/10/14 vsj	
U12-35	U12	35'	03		0945	SOIL	4							
U12-30	U12	30'	04		0950	SOIL	4	X						
U12-26	U12	26'	05		0955	SOIL	4	X						
								<i>JLH</i>						
													12/10/14	

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:	JONATHAN LOEFFLER	SOUNDEARTH	12/10/14	1420
Received by:	Pete Kingston	F13 Inc	12/10/14	1720
Relinquished by:				
Received by:				
			Samples received at <u>4</u> °C	

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

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 10, 2014 from the SOU_0731-004-05_20141210, F&BI 412189 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 10, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141210, F&BI 412189 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412189 -01	JJ1SWSW-33
412189 -02	II1WSW-33
412189 -03	EE1WSW-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412189

Date Extracted: 12/15/14

Date Analyzed: 12/15/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
JJ1SWSW-33 412189-01	<2	101
Method Blank 04-2486 MB	<2	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412189

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
JJ1SWSW-33 412189-01	<50	<250	99
Method Blank 04-2491 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	JJ1SWSW-33	Client:	SoundEarth Strategies
Date Received:	12/10/14	Project:	SOU_0731-004-05_20141210, F&BI 412189
Date Extracted:	12/12/14	Lab ID:	412189-01
Date Analyzed:	12/12/14	Data File:	121213.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141210, F&BI 412189
Date Extracted:	12/12/14	Lab ID:	04-2456 mb2
Date Analyzed:	12/12/14	Data File:	121207.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412189

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412224-11 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412189

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

Laboratory Code: 412204-04 (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	102	109	73-135	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/10/14

Project: SOU_0731-004-05_20141210, F&BI 412189

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	78	79	26-114	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	84	84	34-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	87	88	38-111	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	88	89	38-112	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	91	92	38-113	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Benzene	mg/kg (ppm)	2.5	83	75-107
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Toluene	mg/kg (ppm)	2.5	85	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110
Ethylbenzene	mg/kg (ppm)	2.5	89	81-114
m,p-Xylene	mg/kg (ppm)	5	91	82-115
o-Xylene	mg/kg (ppm)	2.5	93	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

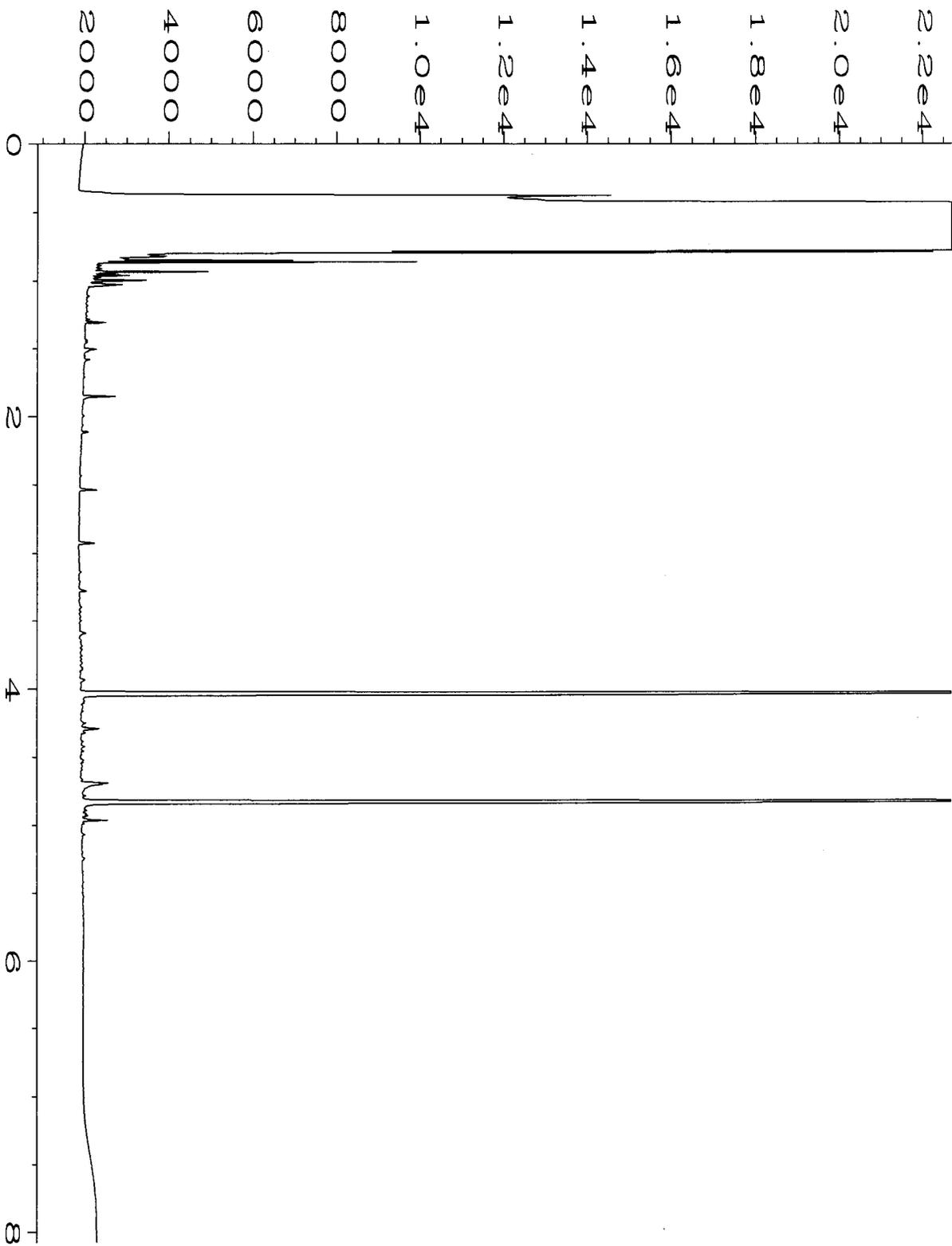
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

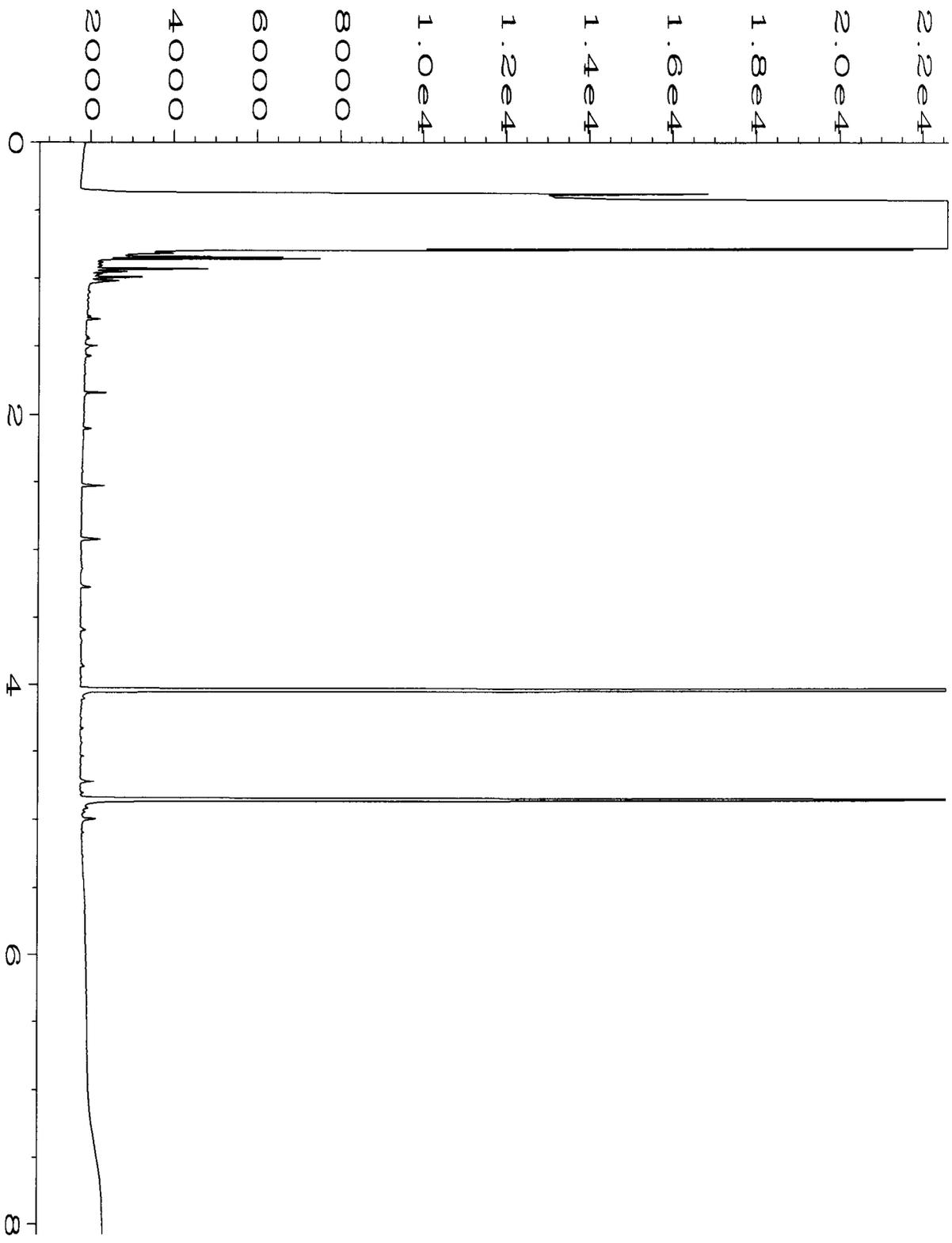
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

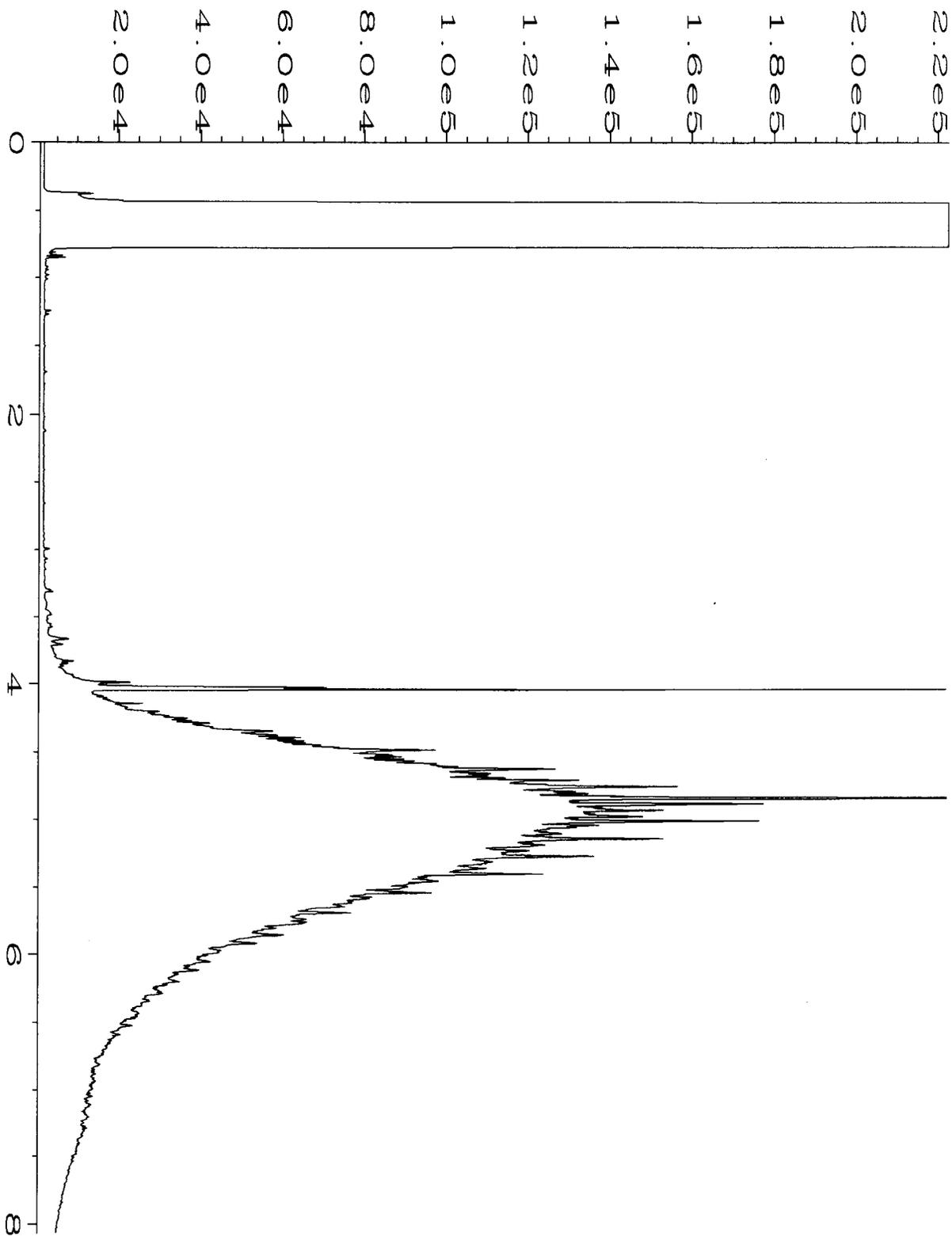
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



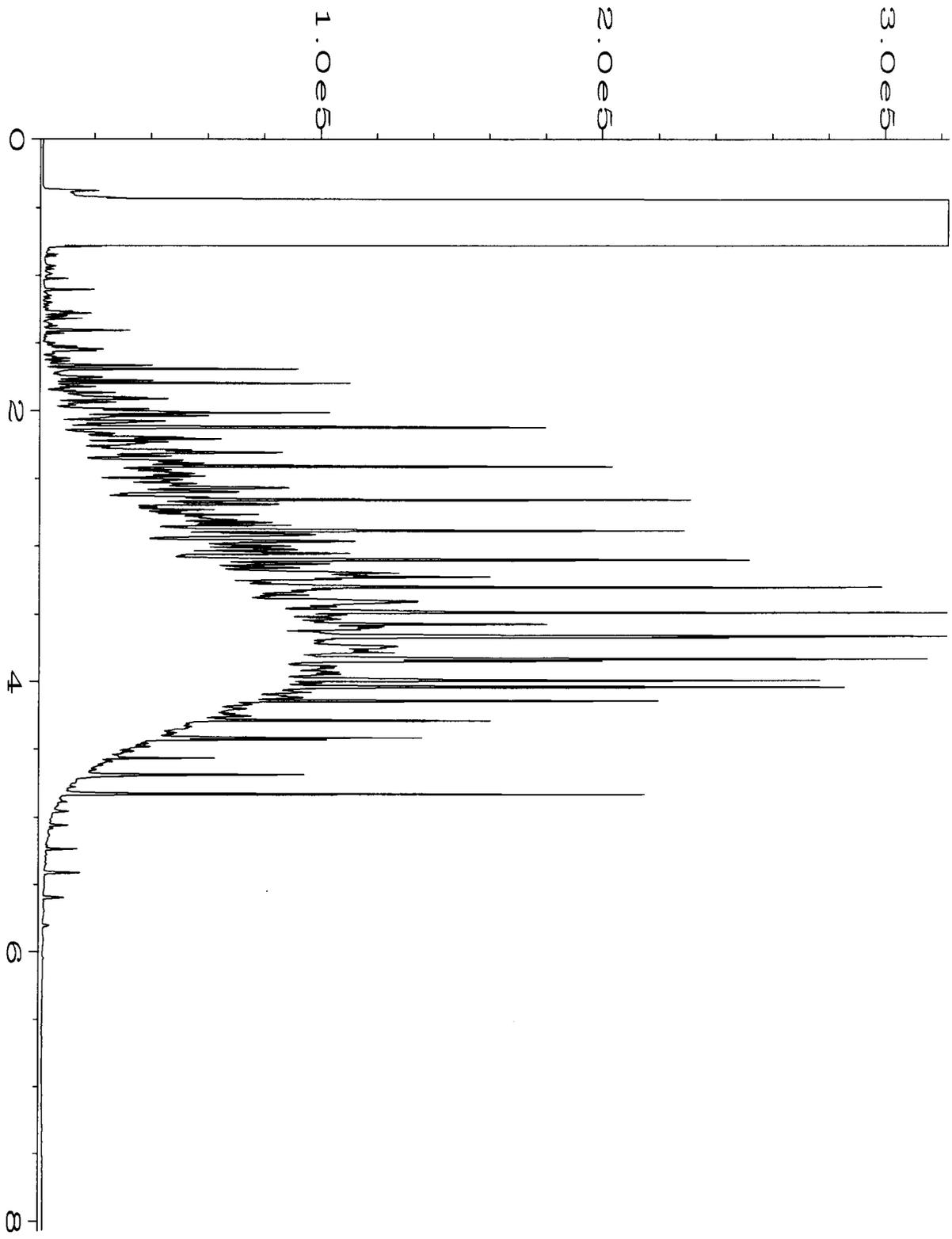
Data File Name	: C:\HPCHEM\4\DATA\12-12-14\037F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 37
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 412189-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 07:00 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:13 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\007F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 7
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2491 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 09:40 AM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:12 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 43-24D	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:28 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-12-14\005F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:41 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 10:11 AM		

412189

SAMPLE CHAIN OF CUSTODY

ME 17-10-14

VSI/E

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS ⊗ Run per PDK a 12/12/14	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) <input type="checkbox"/> RUSH Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Dx	BTEX by EPA 8021B	DRPHORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
JJISWSW-33	JJI SWSW	33'	01A-E	12/10/14	1015	SOIL	5	X	X	X	X	X	
IIISWSW-33	III WSW	33'	02I	12/10/14	1020	SOIL	5					X	
EEISWSW-33	EII WSW	33'	03I	12/10/14	1030	SOIL	5					X	

Samples received at H...
12/10/14

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
Refiniquished by: <i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	12/10/14	1420
Received by: <i>[Signature]</i>	Kurt Langsdor	FBI	12/10/14	1420
Refiniquished by:				
Received by:				

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

December 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the amended results from the testing of material submitted on December 11, 2014 from the SOU_0731-004-05_20141211, F&BI 412212 project. The sample ID S13-30 has been corrected to S12-30.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU1212R.DOC

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

December 12, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 11, 2014 from the SOU_0731-004-05_20141211, F&BI 412212 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1212R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 11, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141211, F&BI 412212 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412212 -01	N7-30
412212 -02	N7-25
412212 -03	P7-30
412212 -04	P7-25
412212 -05	W8-30
412212 -06	W8-26
412212 -07	W14-30
412212 -08	W14-26
412212 -09	S12-35
412212 -10	S12-30
412212 -11	S12-26

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/11/14

Project: SOU_0731-004-05_20141211, F&BI 412212

Date Extracted: 12/11/14

Date Analyzed: 12/11/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
P7-30 412212-03 1/5	690	ip
P7-25 412212-04	<2	85
W14-30 412212-07	<2	80
W14-26 412212-08	<2	82
S12-35 412212-09	<2	85
S12-30 412212-10	<2	85
S12-26 412212-11	<2	85
Method Blank 04-2482 MB	<2	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N7-30	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-01
Date Analyzed:	12/11/14	Data File:	121110.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N7-25	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-02
Date Analyzed:	12/11/14	Data File:	121107.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	101	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P7-30	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-03
Date Analyzed:	12/11/14	Data File:	121111.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	102	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.039

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P7-25	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-04
Date Analyzed:	12/11/14	Data File:	121108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W8-30	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-05
Date Analyzed:	12/11/14	Data File:	121112.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	91	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	W8-26	Client:	SoundEarth Strategies
Date Received:	12/11/14	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	412212-06
Date Analyzed:	12/11/14	Data File:	121109.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141211, F&BI 412212
Date Extracted:	12/11/14	Lab ID:	04-2456 mb
Date Analyzed:	12/11/14	Data File:	121106.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/11/14

Project: SOU_0731-004-05_20141211, F&BI 412212

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412212-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/12/14

Date Received: 12/11/14

Project: SOU_0731-004-05_20141211, F&BI 412212

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412212-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	57	58	10-91	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	66	68	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	72	11-103	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	79	83	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	78	13-112	4
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	81	23-115	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	82	84	25-120	2
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	81	80	22-124	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	81	27-112	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	83	83	30-112	0
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	82	27-110	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	76	42-107
Chloroethane	mg/kg (ppm)	2.5	83	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	83	65-110
Methylene chloride	mg/kg (ppm)	2.5	84	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	85	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	85	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	88	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	85	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	72-116
Trichloroethene	mg/kg (ppm)	2.5	87	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	86	77-110

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

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

December 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 12, 2014 from the SOU_0731-004-05_20141212, F&BI 412234 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1215R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 12, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141212, F&BI 412234 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412234 -01	S1WSW-22
412234 -02	U1WSW-22

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
S1WSW-22 412234-01	<2	107
U1WSW-22 412234-02	<2	103
Method Blank 04-2484 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

Date Extracted: 12/12/14

Date Analyzed: 12/12/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
S1WSW-22 412234-01	<50	<250	89
U1WSW-22 412234-02	<50	<250	90
Method Blank 04-2493 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S1WSW-22	Client:	SoundEarth Strategies
Date Received:	12/12/14	Project:	SOU_0731-004-05_20141212
Date Extracted:	12/12/14	Lab ID:	412234-01
Date Analyzed:	12/12/14	Data File:	121222.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	U1WSW-22	Client:	SoundEarth Strategies
Date Received:	12/12/14	Project:	SOU_0731-004-05_20141212
Date Extracted:	12/12/14	Lab ID:	412234-02
Date Analyzed:	12/12/14	Data File:	121223.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	100	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141212
Date Extracted:	12/12/14	Lab ID:	04-2457 mb
Date Analyzed:	12/12/14	Data File:	121221.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	99	51	121
4-Bromofluorobenzene	101	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412234-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

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

Laboratory Code: 412224-01 (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	97	63-146	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412234-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	51	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	64	10-176	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	72	10-160	3
Methylene chloride	mg/kg (ppm)	2.5	<0.5	80	80	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	80	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	84	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	89	25-135	1
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	86	12-160	1
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	87	10-156	5
Benzene	mg/kg (ppm)	2.5	<0.03	82	84	29-129	2
Trichloroethene	mg/kg (ppm)	2.5	<0.02	87	87	21-139	0
Toluene	mg/kg (ppm)	2.5	<0.05	83	85	35-130	2
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	83	87	20-133	5
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	88	90	32-137	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	89	90	34-136	1
o-Xylene	mg/kg (ppm)	2.5	<0.05	92	92	33-134	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/12/14

Project: SOU_0731-004-05_20141212, F&BI 412234

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	80	22-139
Chloroethane	mg/kg (ppm)	2.5	83	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	94	47-128
Methylene chloride	mg/kg (ppm)	2.5	99	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	104	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	99	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	103	62-131
Benzene	mg/kg (ppm)	2.5	98	68-114
Trichloroethene	mg/kg (ppm)	2.5	102	64-117
Toluene	mg/kg (ppm)	2.5	96	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	97	72-114
Ethylbenzene	mg/kg (ppm)	2.5	100	64-123
m,p-Xylene	mg/kg (ppm)	5	102	78-122
o-Xylene	mg/kg (ppm)	2.5	103	77-124

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

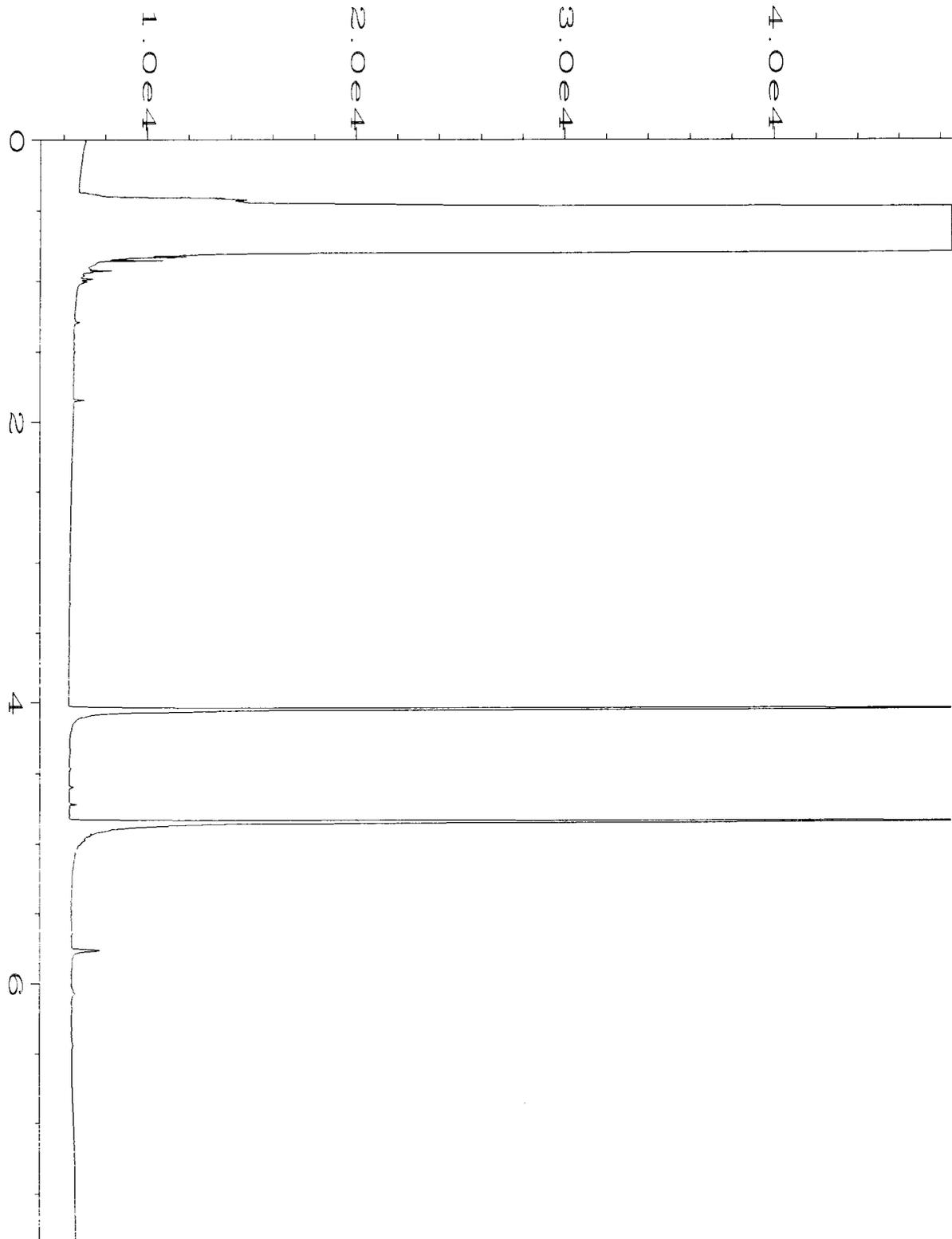
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

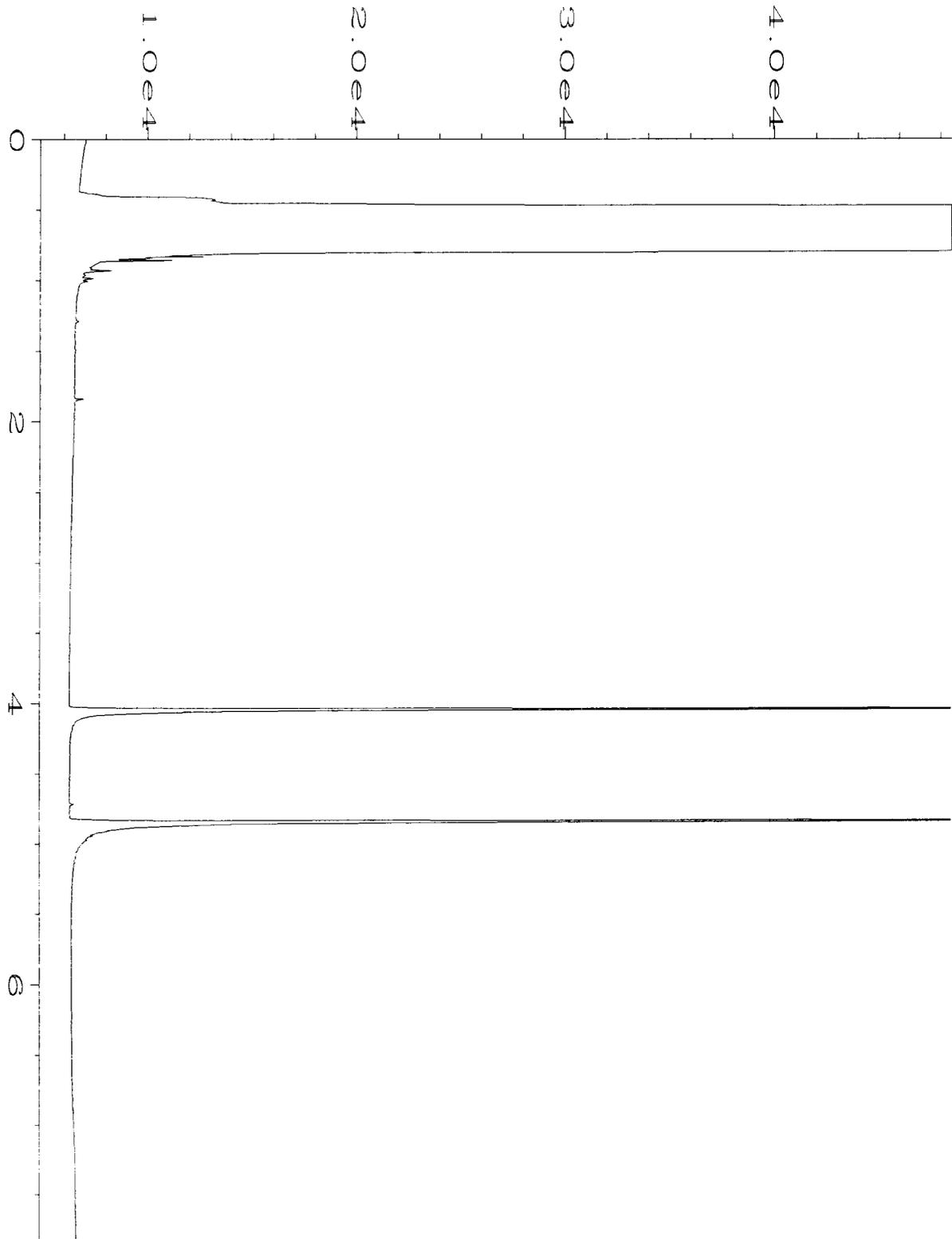
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

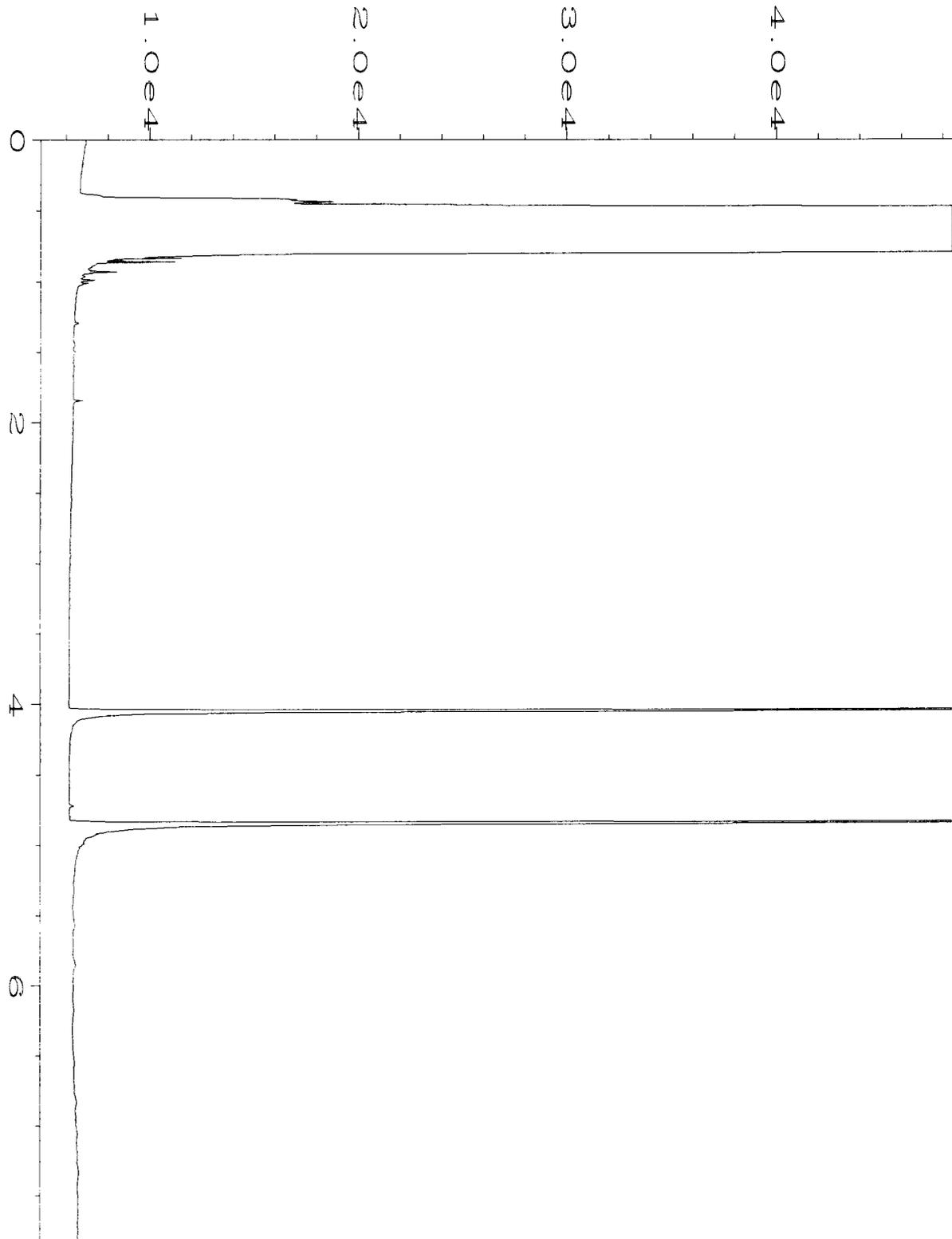
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



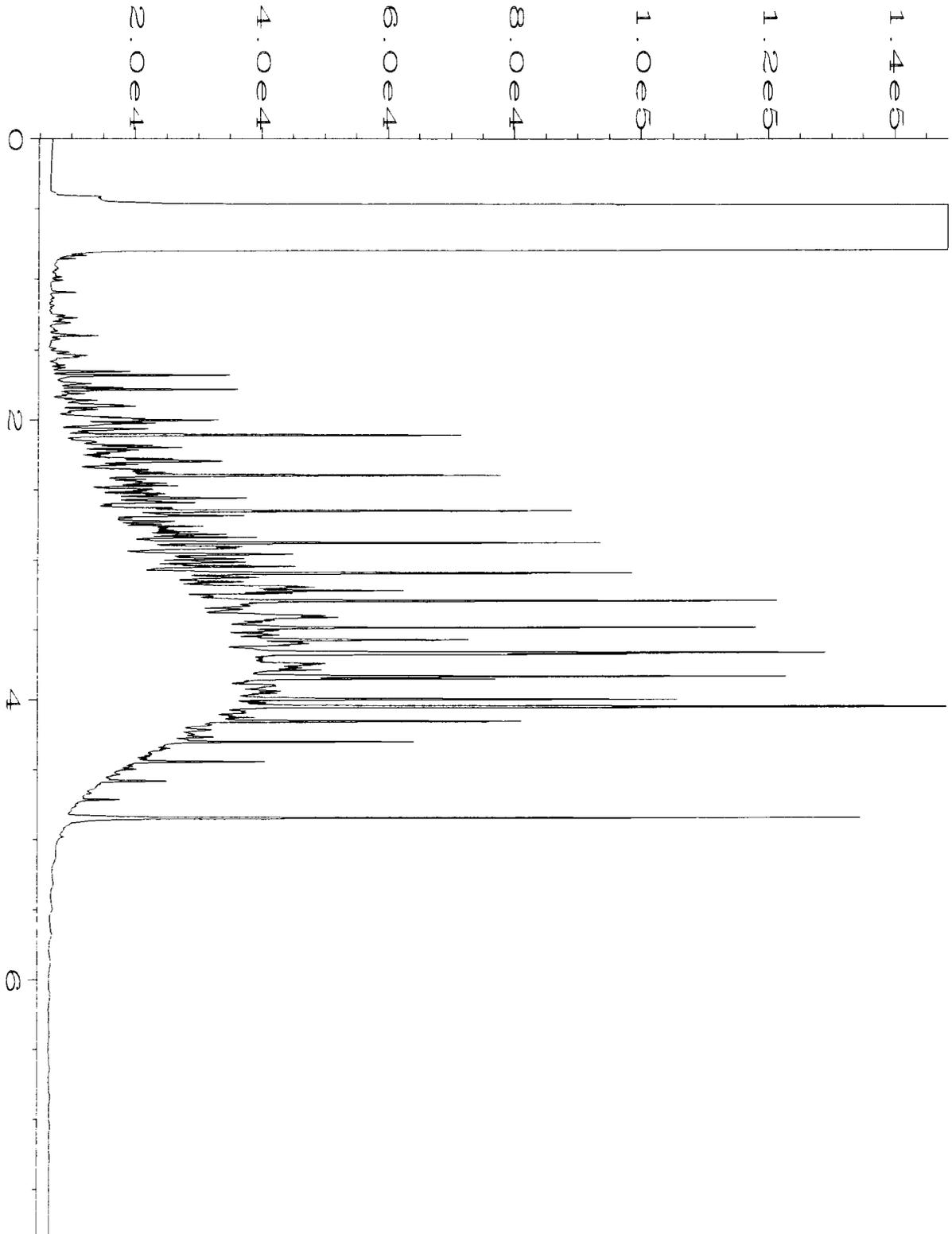
Data File Name	: C:\HPCHEM\1\DATA\12-12-14\049F0901.D	Page Number	: 1
Operator	: ml	Vial Number	: 49
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412234-01	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 10:42 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-12-14\050F0901.D	Page Number	: 1
Operator	: ml	Vial Number	: 50
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412234-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 10:55 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-12-14\028F0701.D	Page Number	: 1
Operator	: ml	Vial Number	: 28
Instrument	: GC1	Injection Number	: 1
Sample Name	: 04-2493 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 05:58 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 09:04 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-12-14\093F0801.D	Page Number	: 1
Operator	: ml	Vial Number	: 93
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 43-199B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 12 Dec 14 08:39 PM	Analysis Method	: DX.MTH
Report Created on:	15 Dec 14 09:04 AM		

412234

SAMPLE CHAIN OF CUSTODY

ME 12-12-14

1 AD1 / 1 131

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
SIWSW-22	SI WSW	22'	01A-E	12/12/14	0830	SOIL	5	X	X	X	X								
UIWSW-22	UI WSW	22'	02T	12/12/14	0845	SOIL	5	X	X	X	X								

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:	JONATHAN LOEFFLER	SOUND EARTH	12/12/14	1440
Received by:	Pete Kingston	FB Inc	12/12/14	1440
Relinquished by:				
Received by:		Samples received at	<u>5</u>	°C

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

December 15, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 15, 2014 from the SOU_0731-004-05_20141215, F&BI 412243 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU1215R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141215, F&BI 412243 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412243-01	B20-29
412243-02	C18-29
412243-03	B19-28

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412243

Date Extracted: 12/15/14

Date Analyzed: 12/15/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
B20-29 412243-01	8.5	107
C18-29 412243-02 1/5	600	ip
B19-28 412243-03	<2	97
Method Blank 04-2486 MB	<2	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/15/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412243

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412224-11 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

412243

SAMPLE CHAIN OF CUSTODY

ME 12/15/14

vs/CG

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
- same day on 12/15
Standard (2 Weeks)
 RUSH 24 hr TAT
Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
A20-31	A20	31'		12/15/14	0940	SOIL	5					
B20-29	B20	29'	01 ^A E	↓	0945	↓	5	X				
C18-29	C18	29'	02	↓	0948	↓	5	X				
B19-28	B19	28'	03	↓	0950	↓	5	X				
Samples received at <u>5</u> °C												

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:	JONATHAN LOEFFLER	SOUNDEARTH	12/15/14	1130
Received by:	Eric Young	F&B	12/15	1130
Relinquished by:				
Received by:				

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

December 16, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 15, 2014 from the SOU_0731-004-05_20141215, F&BI 412255 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1216R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 15, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141215, F&BI 412255 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412255-01	O1WSW-24
412255-02	N1WSW-26

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

Date Extracted: 12/15/14

Date Analyzed: 12/15/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
O1WSW-24 412255-01	<2	93
N1WSW-26 412255-02	<2	93
Method Blank 04-2486 MB	<2	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

Date Extracted: 12/15/14

Date Analyzed: 12/15/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
O1WSW-24 412255-01	<50	<250	104
N1WSW-26 412255-02	<50	<250	105
Method Blank 04-2499 MB	<50	<250	111

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O1WSW-24	Client:	SoundEarth Strategies
Date Received:	12/15/14	Project:	SOU_0731-004-05_20141215
Date Extracted:	12/15/14	Lab ID:	412255-01
Date Analyzed:	12/15/14	Data File:	121522.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N1WSW-26	Client:	SoundEarth Strategies
Date Received:	12/15/14	Project:	SOU_0731-004-05_20141215
Date Extracted:	12/15/14	Lab ID:	412255-02
Date Analyzed:	12/15/14	Data File:	121523.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141215
Date Extracted:	12/15/14	Lab ID:	04-2459 mb
Date Analyzed:	12/15/14	Data File:	121521.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412224-11 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

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

Laboratory Code: 412252-01 (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	113	115	73-135	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412255-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	50	48	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	61	60	10-101	2
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	64	63	11-103	2
Methylene chloride	mg/kg (ppm)	2.5	<0.5	74	72	14-128	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	69	69	13-112	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	75	72	23-115	4
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	79	77	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	78	76	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	76	74	27-112	3
Benzene	mg/kg (ppm)	2.5	<0.03	75	72	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	78	30-112	0
Toluene	mg/kg (ppm)	2.5	<0.05	79	76	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	78	76	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	79	38-111	4
m,p-Xylene	mg/kg (ppm)	5	<0.1	83	81	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	85	83	38-113	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/16/14

Date Received: 12/15/14

Project: SOU_0731-004-05_20141215, F&BI 412255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	83	42-107
Chloroethane	mg/kg (ppm)	2.5	88	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	93	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	96	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	95	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	97	72-116
Benzene	mg/kg (ppm)	2.5	92	75-107
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Toluene	mg/kg (ppm)	2.5	95	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	98	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	100	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

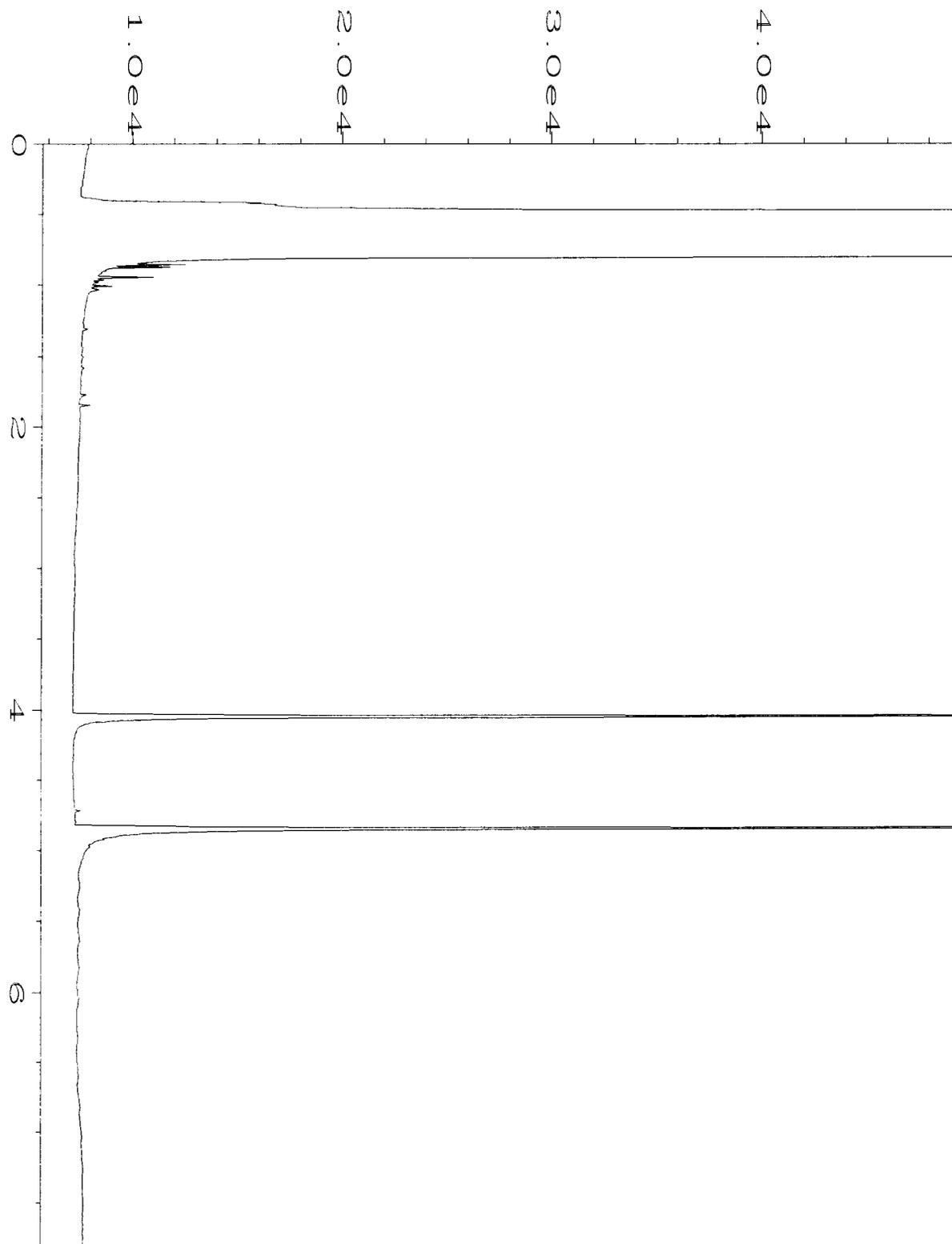
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

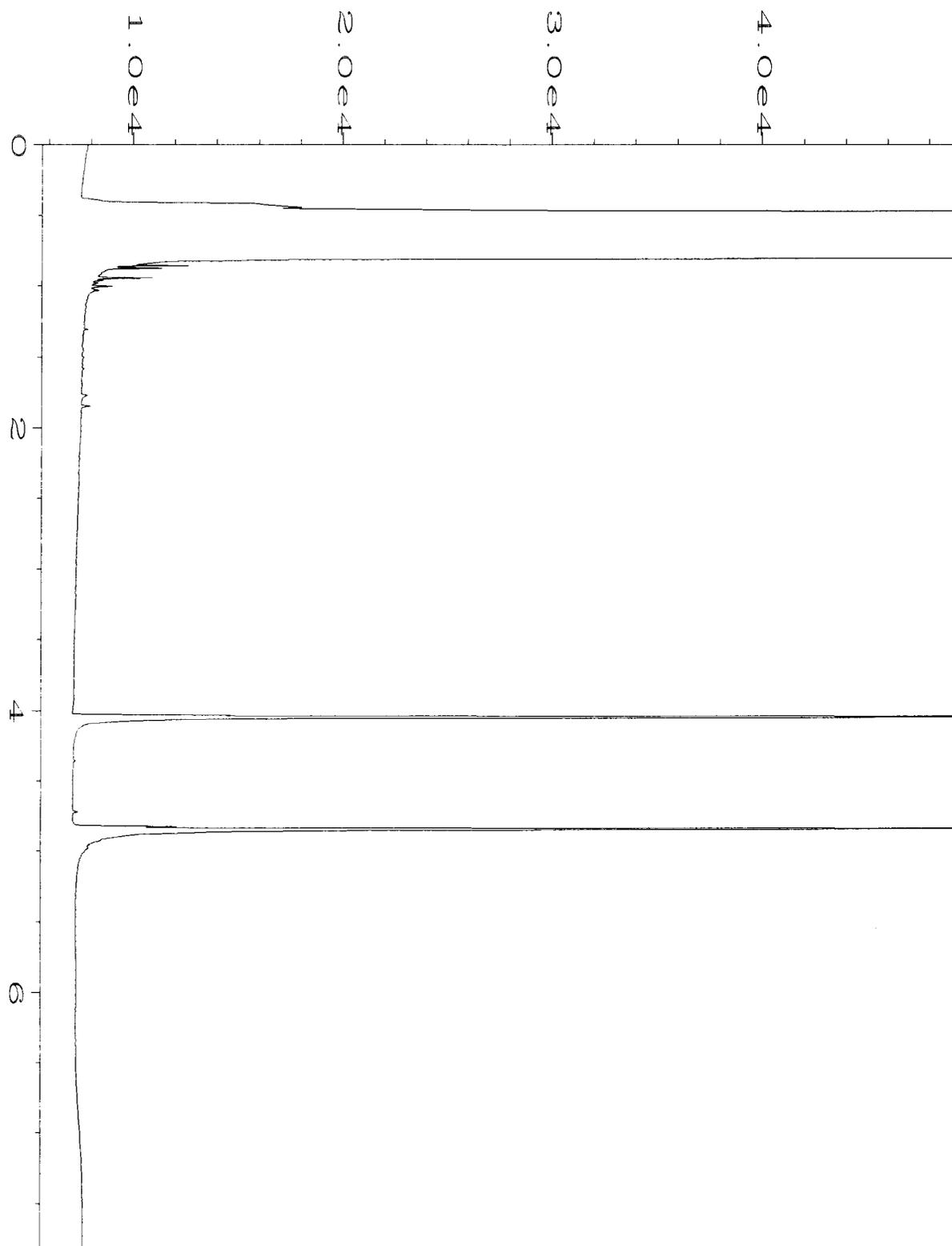
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

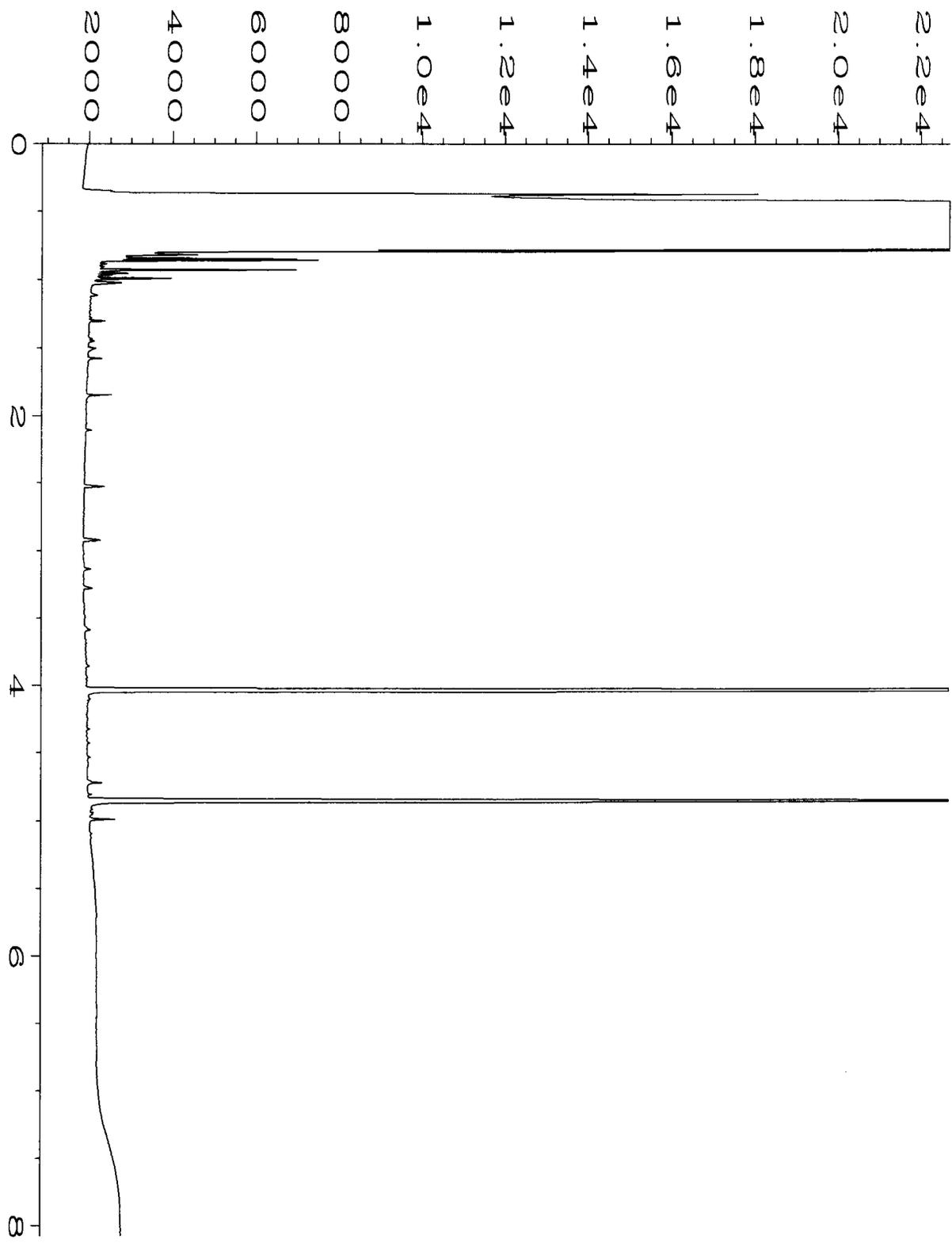
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



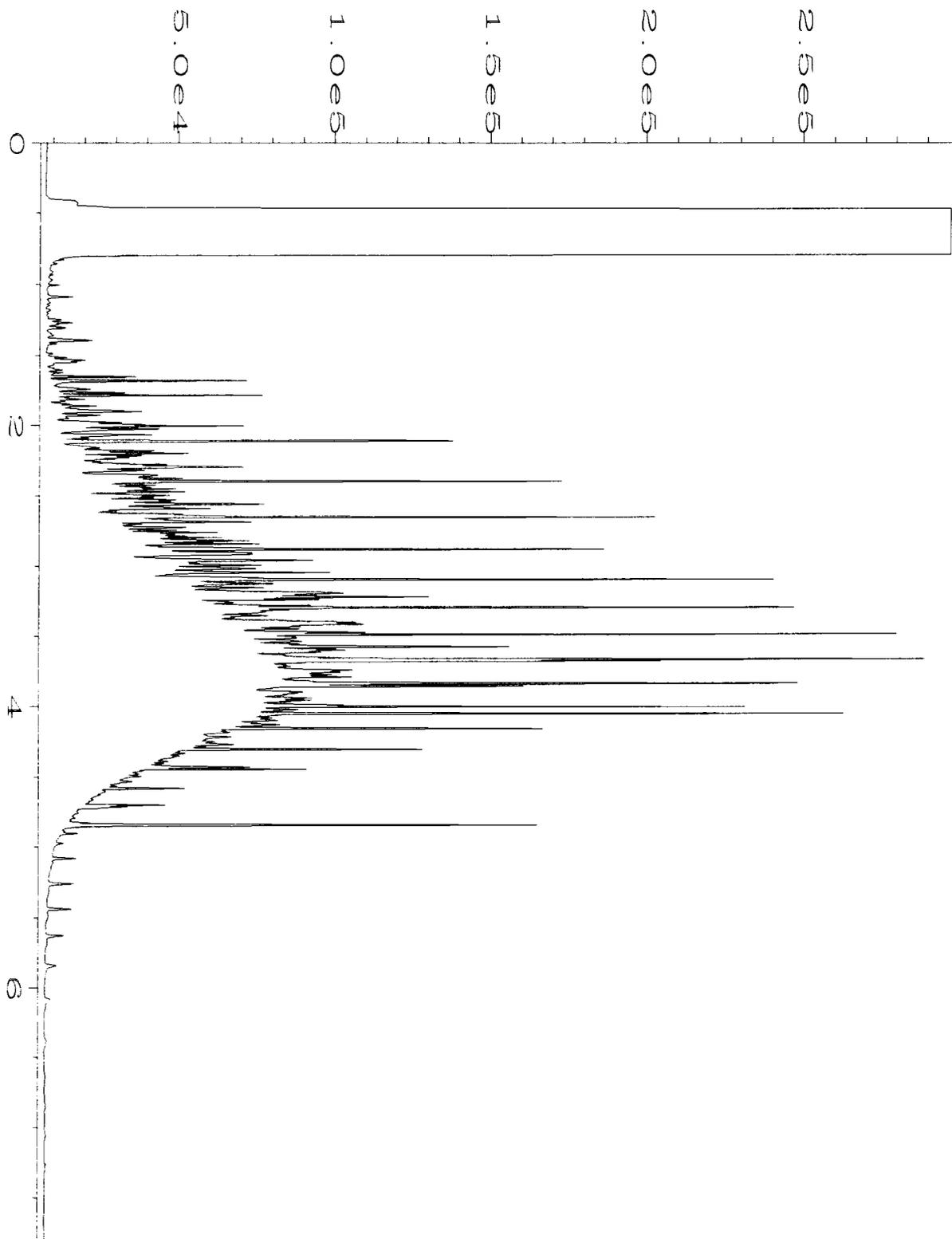
Data File Name	: C:\HPCHEM\1\DATA\12-15-14\031F0601.D	Page Number	: 1
Operator	: sp	Vial Number	: 31
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412255-01	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Dec 14 05:25 PM	Analysis Method	: DX.MTH
Report Created on:	16 Dec 14 09:28 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-15-14\032F0601.D	Page Number	: 1
Operator	: sp	Vial Number	: 32
Instrument	: GC1	Injection Number	: 1
Sample Name	: 412255-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Dec 14 05:37 PM	Analysis Method	: DX.MTH
Report Created on:	16 Dec 14 09:28 AM		



Data File Name	: C:\HPCHEM\4\DATA\12-15-14\030F0501.D	Page Number	: 1
Operator	: sp	Vial Number	: 30
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 04-2499 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Dec 14 04:20 PM	Analysis Method	: DX.MTH
Report Created on:	16 Dec 14 09:14 AM		



Data File Name	: C:\HPCHEM\1\DATA\12-15-14\005F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 5
Instrument	: GC1	Injection Number	: 1
Sample Name	: 1000 Dx 43-133B	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 15 Dec 14 06:02 PM	Analysis Method	: DX.MTH
Report Created on:	16 Dec 14 09:29 AM		

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

December 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on December 16, 2014 from the SOU_0731-004-05_20141216, F&BI 412272 project. There are 4 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature is cursive and appears to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU1223R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141216, F&BI 412272 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412272 -01	H19-29
412272 -02	H19-28
412272 -03	H21-29
412272 -04	D19-29
412272 -05	D19-30
412272 -06	F19-29
412272 -07	F21-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/16/14

Project: SOU_0731-004-05_20141216, F&BI 412272

Date Extracted: 12/18/14

Date Analyzed: 12/18/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
H19-28 412272-02	<2	104
D19-29 412272-04	2.3	111
Method Blank 04-2513 MB	<2	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/16/14

Project: SOU_0731-004-05_20141216, F&BI 412272

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412312-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	61-153

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

412272

SAMPLE CHAIN OF CUSTODY

ME 12/16/14

VS2/ CI2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

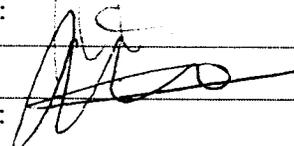
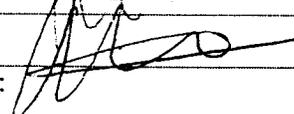
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
H19-29	H19	29	01B	12/16/14	0700	soil	5	X					
H19-28	H19	28	02A	12/16/14	0715	soil	5	(X)				X	(X) - per CP
H21-29	H21	29	03	12/16/14	0900	soil	5	X					12/17/14
D19-29	D19	29	04	12/16/14	1150	soil	5	(X)				X	24 hour TAT
D19-30	D19	30	05	12/16/14	1155	soil	5	X					
F19-29	F19	29	06	12/16/14	1250	soil	5					X	
F21-30	F21	30	07	12/16/14	1340	soil	5	X					
(X) 12/16/14													
Samples received at 4 °C													

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: 	Courtney Porter	SoundEarth	12/16/14	1440
Received by: 	Wendy King	FB Inc	12/16/14	1440
Relinquished by:				
Received by:				

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

December 18, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 16, 2014 from the SOU_0731-004-05_20141216, F&BI 412272 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1218R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 16, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141216, F&BI 412272 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412272 -01	H19-29
412272 -02	H19-28
412272 -03	H21-29
412272 -04	D19-29
412272 -05	D19-30
412272 -06	F19-29
412272 -07	F21-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/16/14

Project: SOU_0731-004-05_20141216, F&BI 412272

Date Extracted: 12/16/14

Date Analyzed: 12/17/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
H19-29 412272-01 1/10	270	109
H21-29 412272-03	<2	97
D19-30 412272-05 1/20	650	108
F21-30 412272-07	<2	81
Method Blank 04-2488 MB	<2	89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/18/14

Date Received: 12/16/14

Project: SOU_0731-004-05_20141216, F&BI 412272

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412254-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

412272

SAMPLE CHAIN OF CUSTODY

ME 12/16/14 v52/ of 1 CT2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)		TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24-48 Rush charges authorized by: <u>P. Kingston</u>
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05	
REMARKS <input checked="" type="checkbox"/> 24-hr TAT per CMP 12/17/14		SAMPLE DISPOSAL <input checked="" type="checkbox"/> Dispose after 30 days Return samples Will call with instructions
		EIM Y

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
F-21-29	F-21	30	01 B	12/16/14	13:00	Soil	1	<input checked="" type="checkbox"/>				
F-21-30	F-21	30	02 A	12/16/14	13:15	Soil	1	<input checked="" type="checkbox"/>				
			03									
			04									
			05									
			06									
			07	12/16/14	13:45	Soil	1	<input checked="" type="checkbox"/>				

Samples received at 4 °C

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:	Courtney Porter	SoundEarth	12/16/14	1440
Received by:	Pete Kingston	FBI	12/16/14	1440
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included is the amended report from the testing of material submitted on December 18, 2014 from the SOU_0731-004-05_20141218, F&BI 412355 project. The sample ID DD15BTM-35 has been amended to DD15-35 and the ID Y15BTM-35 has been amended to Y15-35.

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: Jonathan Loeffler, Courtney Porter
SOU1223R.DOC

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

December 23, 2014

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on December 18, 2014 from the SOU_0731-004-05_20141218, F&BI 412355 project. There are 11 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU1223R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on December 18, 2014 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20141218, F&BI 412355 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
412355 -01	DD15-35
412355 -02	Y15-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

Date Extracted: 12/19/14

Date Analyzed: 12/19/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
DD15-35 412355-01	<2	103
Y15-35 412355-02	<2	102
Method Blank 04-2516 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

Date Extracted: 12/19/14

Date Analyzed: 12/22/14

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
DD15-35 412355-01	<50	<250	104
Y15-35 412355-02	<50	<250	102
Method Blank 04-2544 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD15-35	Client:	SoundEarth Strategies
Date Received:	12/18/14	Project:	SOU_0731-004-05_20141218, F&BI 412355
Date Extracted:	12/19/14	Lab ID:	412355-01
Date Analyzed:	12/19/14	Data File:	121937.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y15-35	Client:	SoundEarth Strategies
Date Received:	12/18/14	Project:	SOU_0731-004-05_20141218, F&BI 412355
Date Extracted:	12/19/14	Lab ID:	412355-02
Date Analyzed:	12/19/14	Data File:	121938.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20141218, F&BI 412355
Date Extracted:	12/19/14	Lab ID:	04-2526 mb
Date Analyzed:	12/19/14	Data File:	121908.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 412263-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

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

Laboratory Code: 412339-03 (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	112	111	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 412334-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	54	59	10-91	9
Chloroethane	mg/kg (ppm)	2.5	<0.5	67	71	10-101	6
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	70	74	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	73	76	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	75	80	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	83	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	84	87	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	83	86	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	81	85	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	80	83	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.03	84	88	30-112	5
Toluene	mg/kg (ppm)	2.5	<0.05	82	86	34-112	5
Tetrachloroethene	mg/kg (ppm)	2.5	<0.03	80	85	27-110	6
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	85	88	38-111	3
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	90	38-112	3
o-Xylene	mg/kg (ppm)	2.5	<0.05	89	91	38-113	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/23/14

Date Received: 12/18/14

Project: SOU_0731-004-05_20141218, F&BI 412355

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	87	42-107
Chloroethane	mg/kg (ppm)	2.5	97	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	98	65-110
Methylene chloride	mg/kg (ppm)	2.5	97	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	99	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	102	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	104	72-116
Benzene	mg/kg (ppm)	2.5	97	75-107
Trichloroethene	mg/kg (ppm)	2.5	103	72-107
Toluene	mg/kg (ppm)	2.5	100	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	98	77-110
Ethylbenzene	mg/kg (ppm)	2.5	102	81-114
m,p-Xylene	mg/kg (ppm)	5	104	82-115
o-Xylene	mg/kg (ppm)	2.5	107	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

412355

Send report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLE CHAIN OF CUSTODY

ME 12/18/14 USA/A01

SAMPLERS (signature)	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C							Notes	
DD15BT-35	12/18/14 PDX	35	01A	12/18/14	0630	soil	5	X	X	X	X								
Y15BT-35	Y15	35	02A	12/18/14	0845	soil	5	X	X	X	X								
<p>IDs changed per PK 2/9/15 mg</p> <p style="text-align: center;">CP 12/18/14</p> <p style="text-align: right;">Samples received at 3:00</p>																			

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
	Courtney Porter	SoundEarth	12/18/14	1340
	M. Kingston	FBT	12/18/14	1340

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

January 15, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 9, 2015 from the SOU_0731-004-05_20150109, F&BI 501117 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0115R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 9, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150109, F&BI 501117 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
501117 -01

SoundEarth Strategies
V11-37

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/15/15

Date Received: 01/09/15

Project: SOU_0731-004-05_20150109, F&BI 501117

Date Extracted: 01/12/15

Date Analyzed: 01/12/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
V11-37 501117-01	36	132
Method Blank 05-0022 MB	<2	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/15/15

Date Received: 01/09/15

Project: SOU_0731-004-05_20150109, F&BI 501117

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501069-06 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

50117

SAMPLE CHAIN OF CUSTODY ME 01-09-15

VS2/1301
Page # 1 of 1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

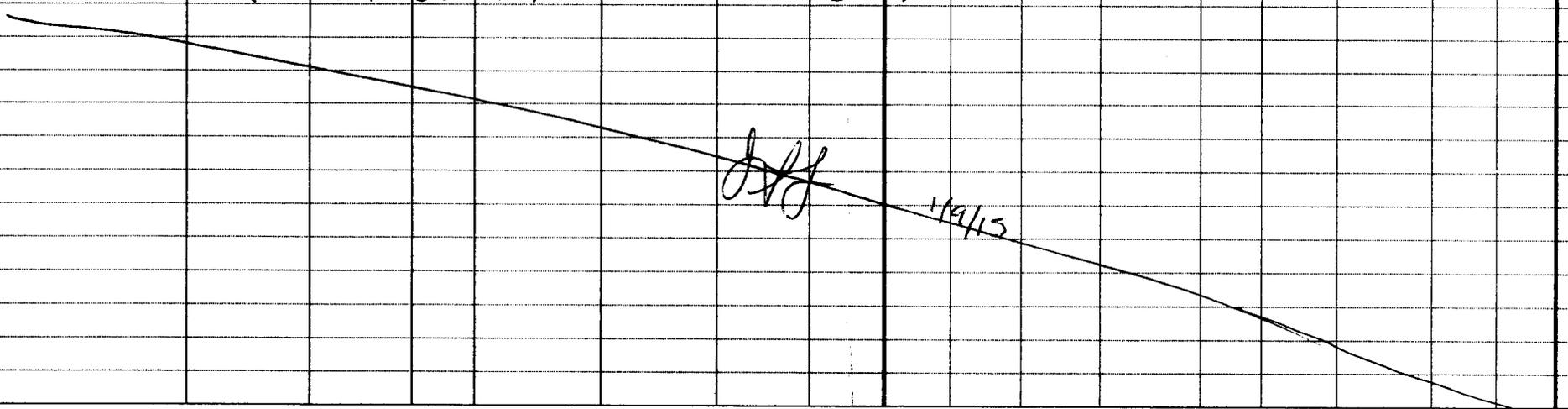
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

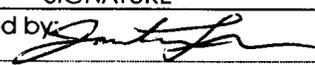
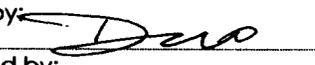
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
VII-37	VII	37'	01A-E	1/9/15	09	SOIL	5	X				
												

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: 	JONATHAN LOEFFLER	SOUNDEARTH	1/9/15	1550
Received by: 	JO LO	FEBZ	"	15:58
Relinquished by:				
Received by:				

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

January 19, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 15, 2015 from the SOU_0731-004-05_20150115, F&BI 501198 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 15, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150115, F&BI 501198 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501198 -01	N12-25
501198 -02	N12-23
501198 -03	N12-20
501198 -04	M11-25
501198 -05	M11-23
501198 -06	M11-20
501198 -07	Q11-25
501198 -08	Q11-23
501198 -09	Q11-20
501198 -10	N8-25
501198 -11	N8-23
501198 -12	N8-20
501198 -13	N9-25
501198 -14	N9-23
501198 -15	N9-20

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/15/15

Project: SOU_0731-004-05_20150115, F&BI 501198

Date Extracted: 01/15/15

Date Analyzed: 01/15/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
N12-23 501198-02	<2	103
M11-23 501198-05	<2	103
Q11-23 501198-08	<2	95
N8-23 501198-11 1/5	71	105
Method Blank 05-0085 MB	<2	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/15/15

Project: SOU_0731-004-05_20150115, F&BI 501198

Date Extracted: 01/15/15

Date Analyzed: 01/15/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
N12-23 501198-02	<50	<250	110
M11-23 501198-05	<50	<250	105
Q11-23 501198-08	<50	<250	104
N8-23 501198-11	<50	<250	110
Method Blank 05-102 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N12-25	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-01
Date Analyzed:	01/15/15	Data File:	011515.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N12-23	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-02
Date Analyzed:	01/15/15	Data File:	011516.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N12-20	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-03
Date Analyzed:	01/15/15	Data File:	011517.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M11-25	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-04
Date Analyzed:	01/15/15	Data File:	011518.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M11-23	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-05
Date Analyzed:	01/15/15	Data File:	011519.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M11-20	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-06
Date Analyzed:	01/15/15	Data File:	011520.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q11-25	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-07
Date Analyzed:	01/15/15	Data File:	011521.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q11-23	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-08
Date Analyzed:	01/15/15	Data File:	011522.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q11-20	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-09
Date Analyzed:	01/15/15	Data File:	011523.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N8-25	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-10
Date Analyzed:	01/15/15	Data File:	011526.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	86	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N8-23	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-11
Date Analyzed:	01/15/15	Data File:	011524.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	N8-20	Client:	SoundEarth Strategies
Date Received:	01/15/15	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	501198-12
Date Analyzed:	01/15/15	Data File:	011525.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150115, F&BI 501198
Date Extracted:	01/15/15	Lab ID:	05-0104 mb
Date Analyzed:	01/15/15	Data File:	011507.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/15/15

Project: SOU_0731-004-05_20150115, F&BI 501198

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501198-05 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	105	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/15/15

Project: SOU_0731-004-05_20150115, F&BI 501198

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

Laboratory Code: 501198-02 (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	123	122	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	115	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/15/15

Project: SOU_0731-004-05_20150115, F&BI 501198

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501198-09 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	43	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	53	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	74	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	74	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	77	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	80	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	73	27-112
Benzene	mg/kg (ppm)	2.5	<0.03	75	26-114
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	30-112
Toluene	mg/kg (ppm)	2.5	<0.05	85	34-112
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	81	27-110
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	85	38-111
m,p-Xylene	mg/kg (ppm)	5	<0.1	87	38-112
o-Xylene	mg/kg (ppm)	2.5	<0.05	90	38-113

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	73	74	42-107	1
Chloroethane	mg/kg (ppm)	2.5	74	75	47-115	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	93	65-110	3
Methylene chloride	mg/kg (ppm)	2.5	89	95	62-119	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	88	71-113	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	87	93	76-109	7
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	93	77-110	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	91	96	80-109	5
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	89	92	72-116	3
Benzene	mg/kg (ppm)	2.5	89	93	75-107	4
Trichloroethene	mg/kg (ppm)	2.5	91	96	72-107	5
Toluene	mg/kg (ppm)	2.5	95	100	79-112	5
Tetrachloroethene	mg/kg (ppm)	2.5	94	98	77-110	4
Ethylbenzene	mg/kg (ppm)	2.5	93	100	81-114	7
m,p-Xylene	mg/kg (ppm)	5	98	103	82-115	5
o-Xylene	mg/kg (ppm)	2.5	98	103	81-116	5

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

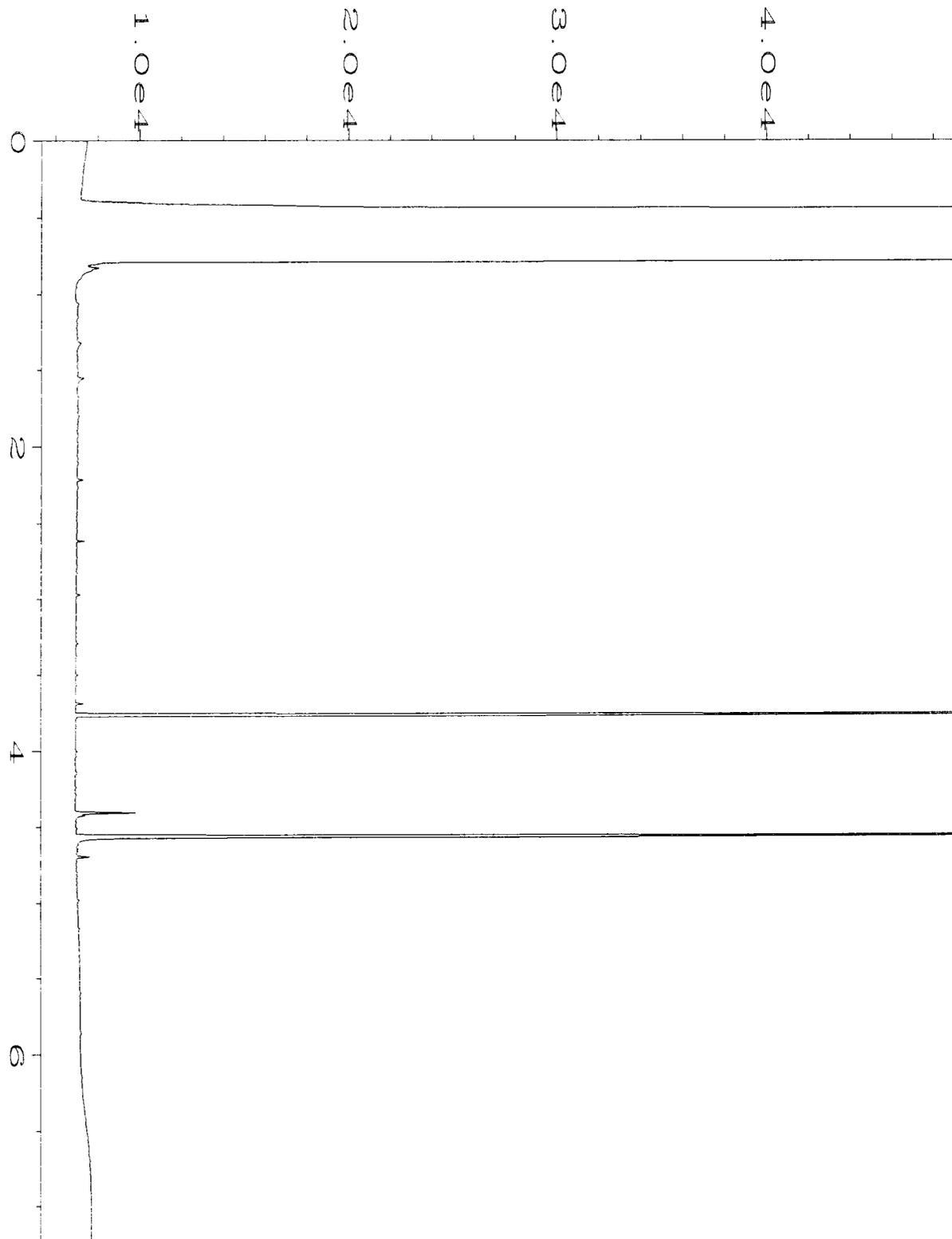
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

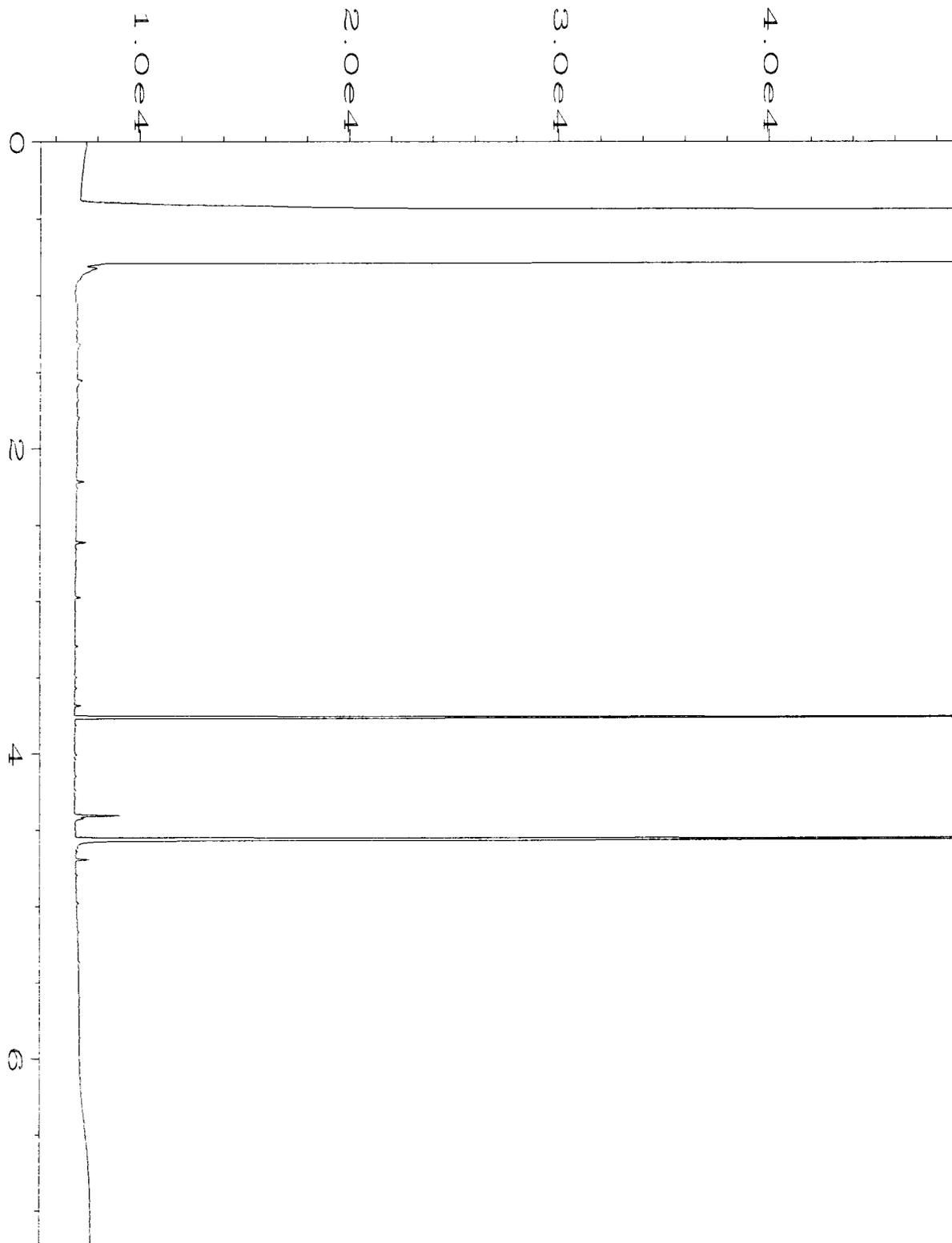
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

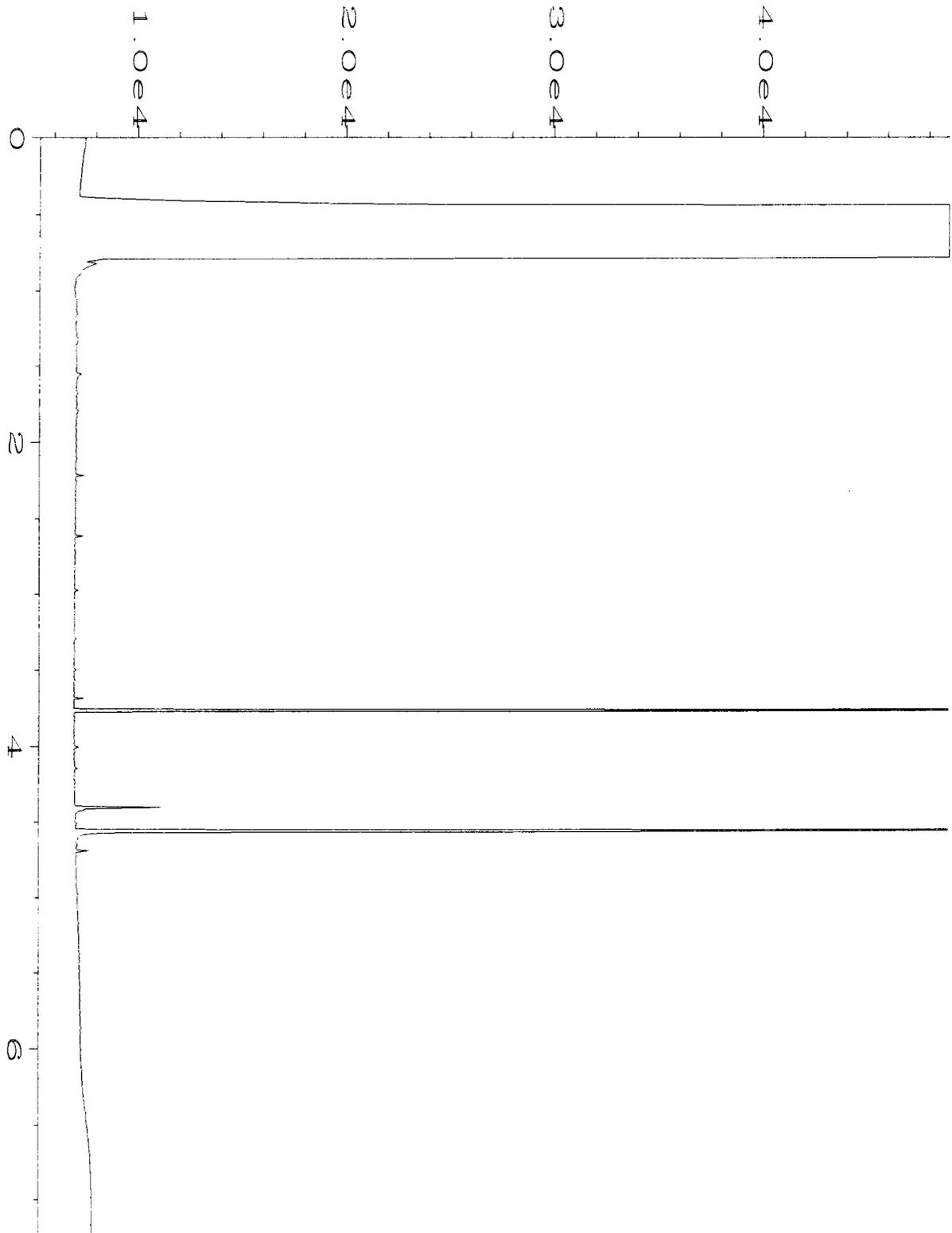
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



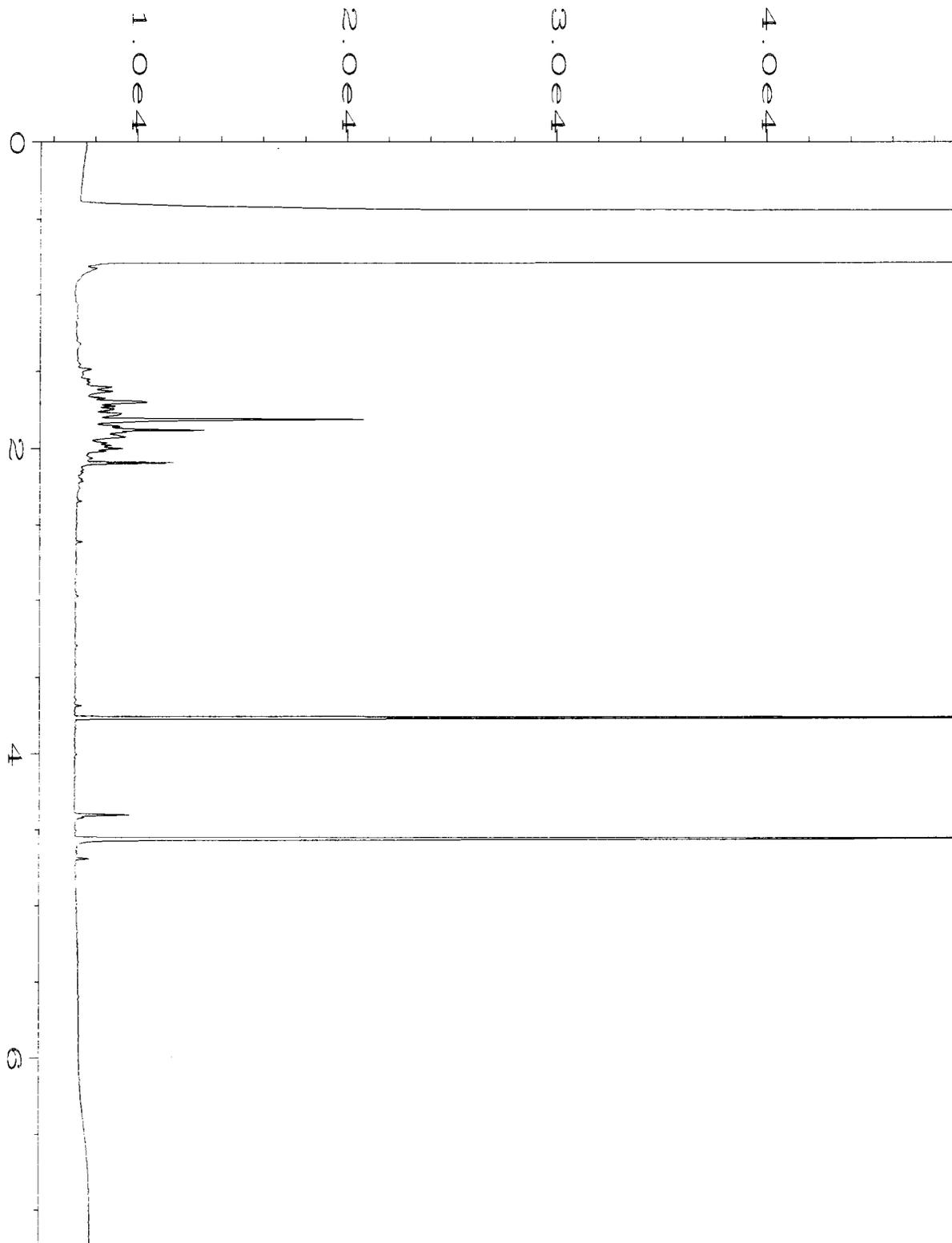
Data File Name	: C:\HPCHEM\1\DATA\01-15-15\015F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 15
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501198-02	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 05:03 PM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		



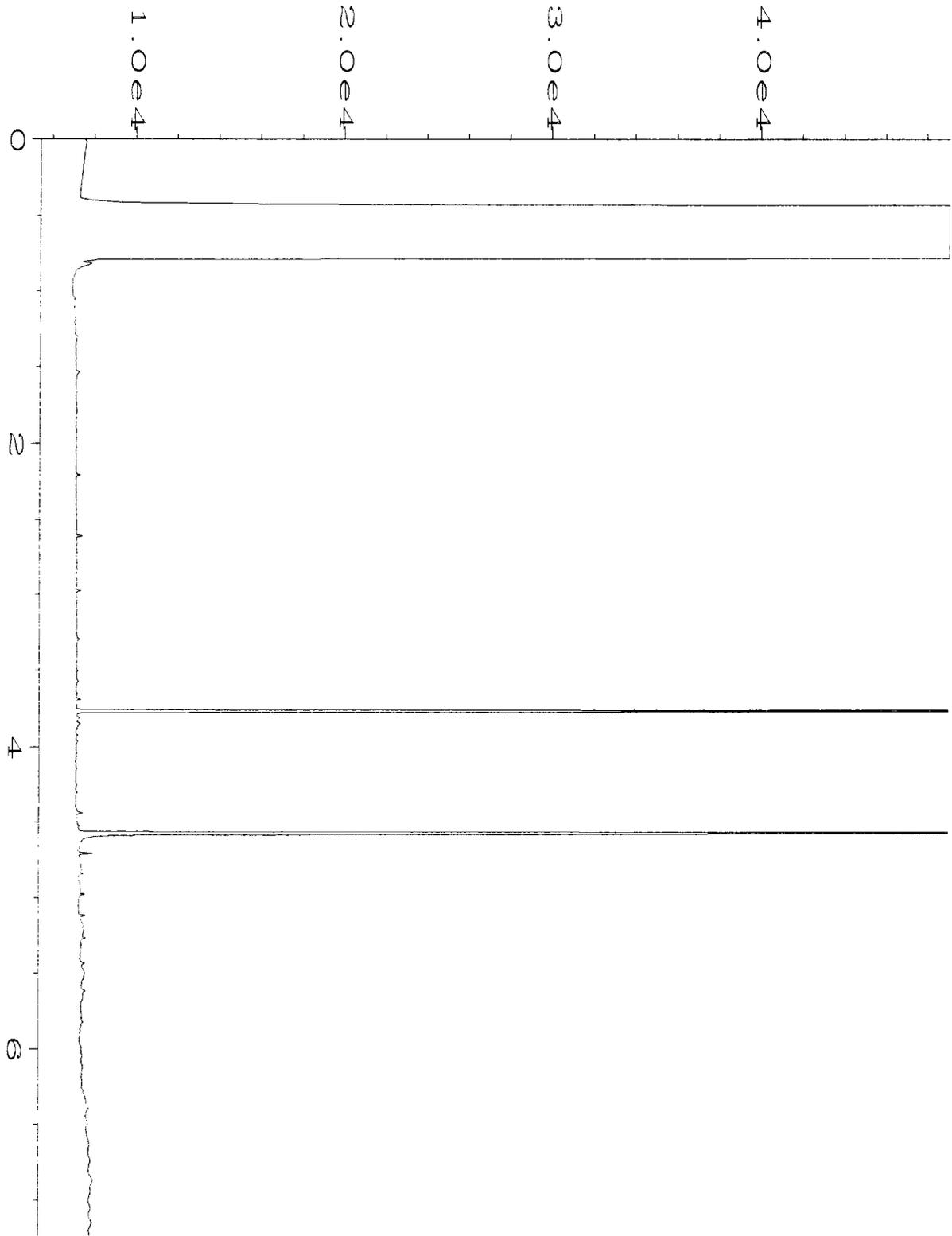
Data File Name	: C:\HPCHEM\1\DATA\01-15-15\016F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501198-05	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 05:14 PM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		



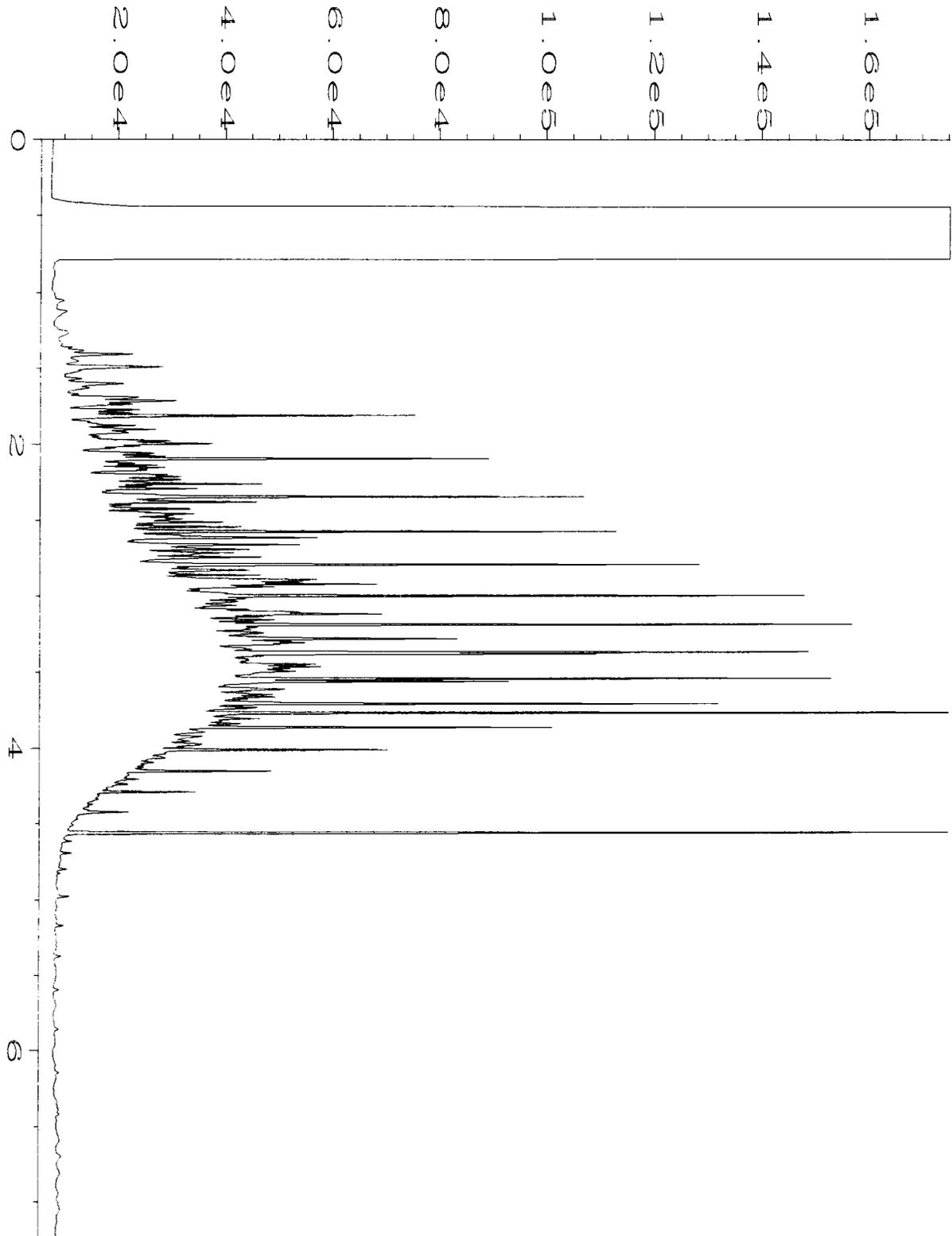
Data File Name	: C:\HPCHEM\1\DATA\01-15-15\017F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501198-08	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 05:25 PM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-15-15\018F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 18
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501198-11	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 05:36 PM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-15-15\011F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 11
Instrument	: GC1	Injection Number	: 1
Sample Name	: 05-102 mb	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 04:22 PM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-15-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX1.MTH
Acquired on	: 15 Jan 15 10:42 AM	Analysis Method	: DX1.MTH
Report Created on:	16 Jan 15 08:57 AM		

501198

SAMPLE CHAIN OF CUSTODY

ME 1/15/15

VS2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)

[Signature]

PROJECT NAME/NO.

Troy Laundry Property

PO #

0731-004-05

REMARKS

EIM Y

Page # 1 of 2

TURNAROUND TIME

Standard (2 Weeks)
 X RUSH 24 hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
N12-25	N12	25'	01 ^{AD}	1/15/15	0945	SOIL	4				X		
N12-23	N12	23'	02		0950			X	X	X	X		
N12-20	N12	20'	03		0955						X		
M11-25	M11	25'	04		1005						X		
M11-23	M11	23'	05		1010			X	X	X	X		
M11-20	M11	20'	06		1015						X		
Q11-25	Q11	25'	07		1045						X		
Q11-23	Q11	23'	08		1050			X	X	X	X		
Q11-20	Q11	20'	09		1055						X		
N8-25	N8	25'	10		1125						X		
N8-23	N8	23'	11		1130			X	X	X	X		
N8-20	N8	20'	12		1135						X		
N9-25	N9	25'	13		1200							X	

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: <i>[Signature]</i>	JONATHAN LOEFFLER	SOUNDEARTH	1/15/15	1400
Received by: <i>[Signature]</i>	Matthew Langston	FBI	1/15/15	1400
Relinquished by:				
Received by:				

Sample received at 4 °C

501198

SAMPLE CHAIN OF CUSTODY ME 1/15/15

VS2

Page # 2 of 2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
N9-23	N9	23'	14 nd	1/15/15	1205	SOIL	4					X	
N9-20	N9	20'	15 th	1/15/15	1210	SOIL	4					X	
 1/15/15													

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: 	JONATHAN LOEFFLER	SOUNDEARTH	1/15/15	1400
Received by: 	Matt Kingston	FBI	1/15/15	1400
Relinquished by:				
Received by:				

Samples received at 4 °C

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

January 22, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the additional results from the testing of material submitted on January 16, 2015 from the SOU_0731-004-05_20150116, F&BI 501223 project. There are 7 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.

A rectangular area containing a handwritten signature in dark ink on a light-colored background. The signature appears to be "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonthan Loeffler, Courtney Porter
SOU0122R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 16, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150116, F&BI 501223 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501223 -01	P11-25
501223 -02	P11-23
501223 -03	P11-20
501223 -04	M8-25
501223 -05	M8-23
501223 -06	M3-25
501223 -07	M3-22

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

Date Extracted: 01/20/15

Date Analyzed: 01/20/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
M3-22 501223-07	<50	<250	108
Method Blank 05-142 MB	<50	<250	109

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M3-22	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/20/15	Lab ID:	501223-07
Date Analyzed:	01/21/15	Data File:	012044.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/20/15	Lab ID:	05-0107 mb2
Date Analyzed:	01/20/15	Data File:	012025.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

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

Laboratory Code: 501243-01 (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	101	106	63-146	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501239-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	49	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	57	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	69	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	78	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	71	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	75	23-115	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	79	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	73	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	74	27-112	7
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	76	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	82	79	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	78	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	80	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	82	38-112	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	88	85	38-113	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	71	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	90	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	88	72-116
Benzene	mg/kg (ppm)	2.5	91	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	98	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	96	81-116

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

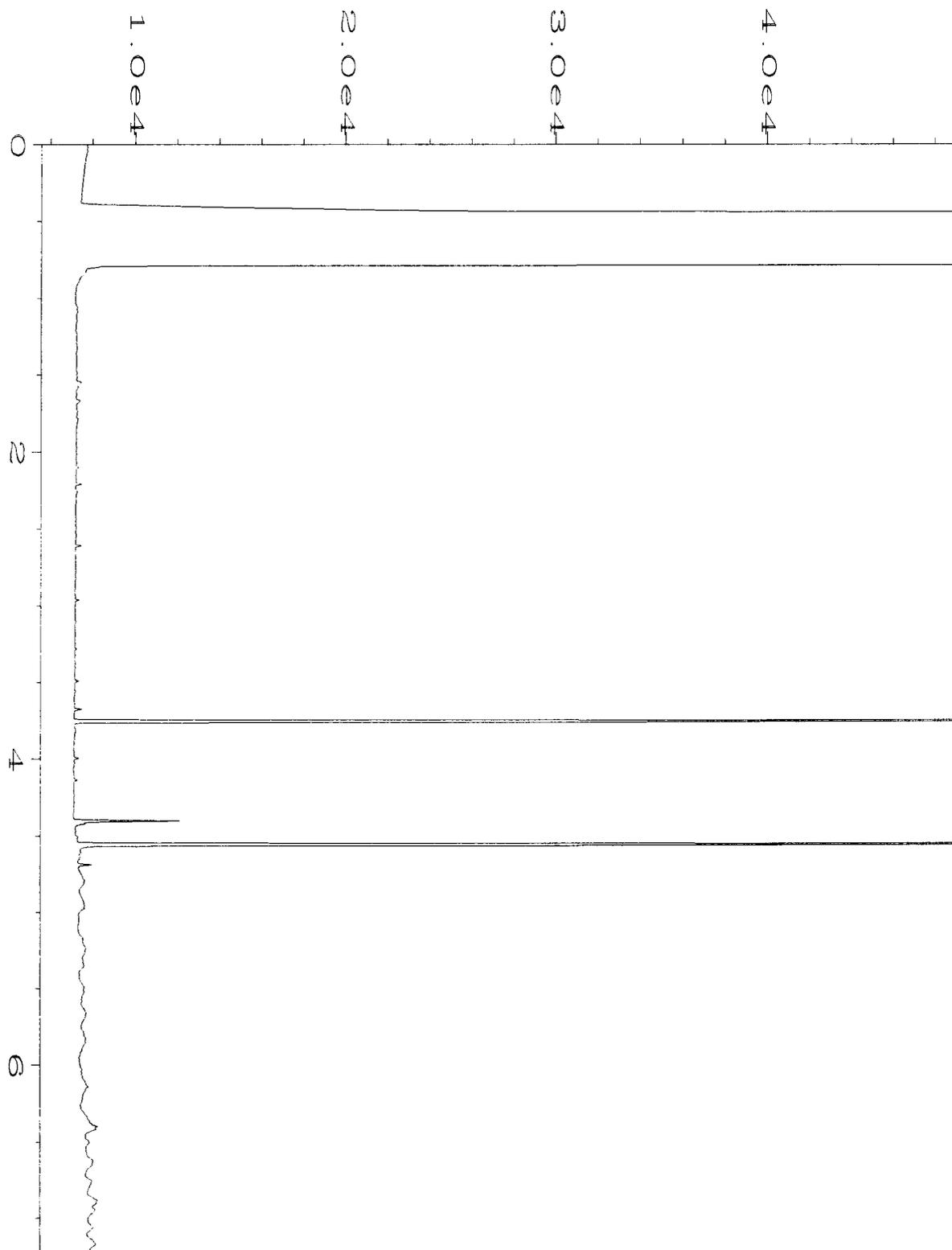
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

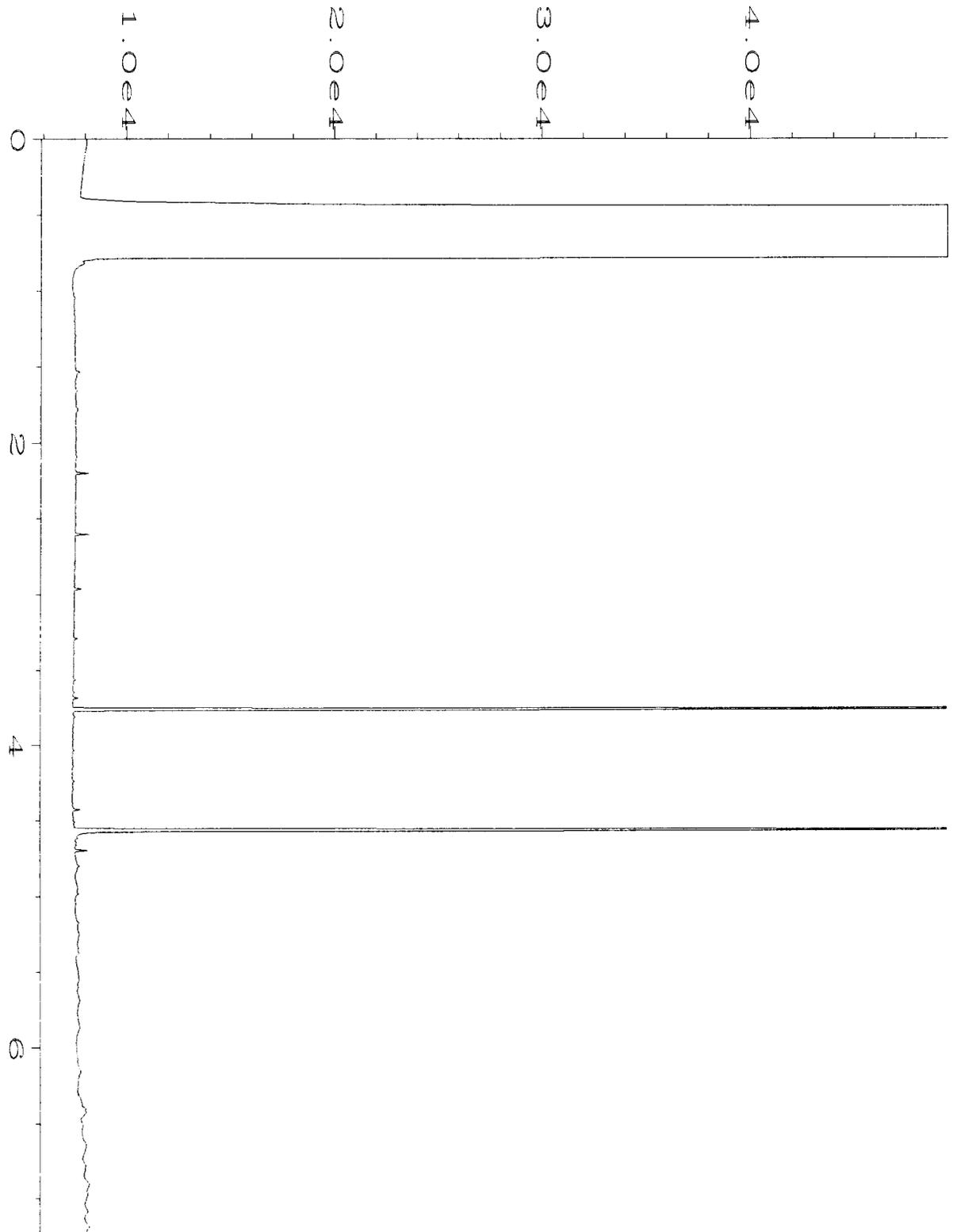
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

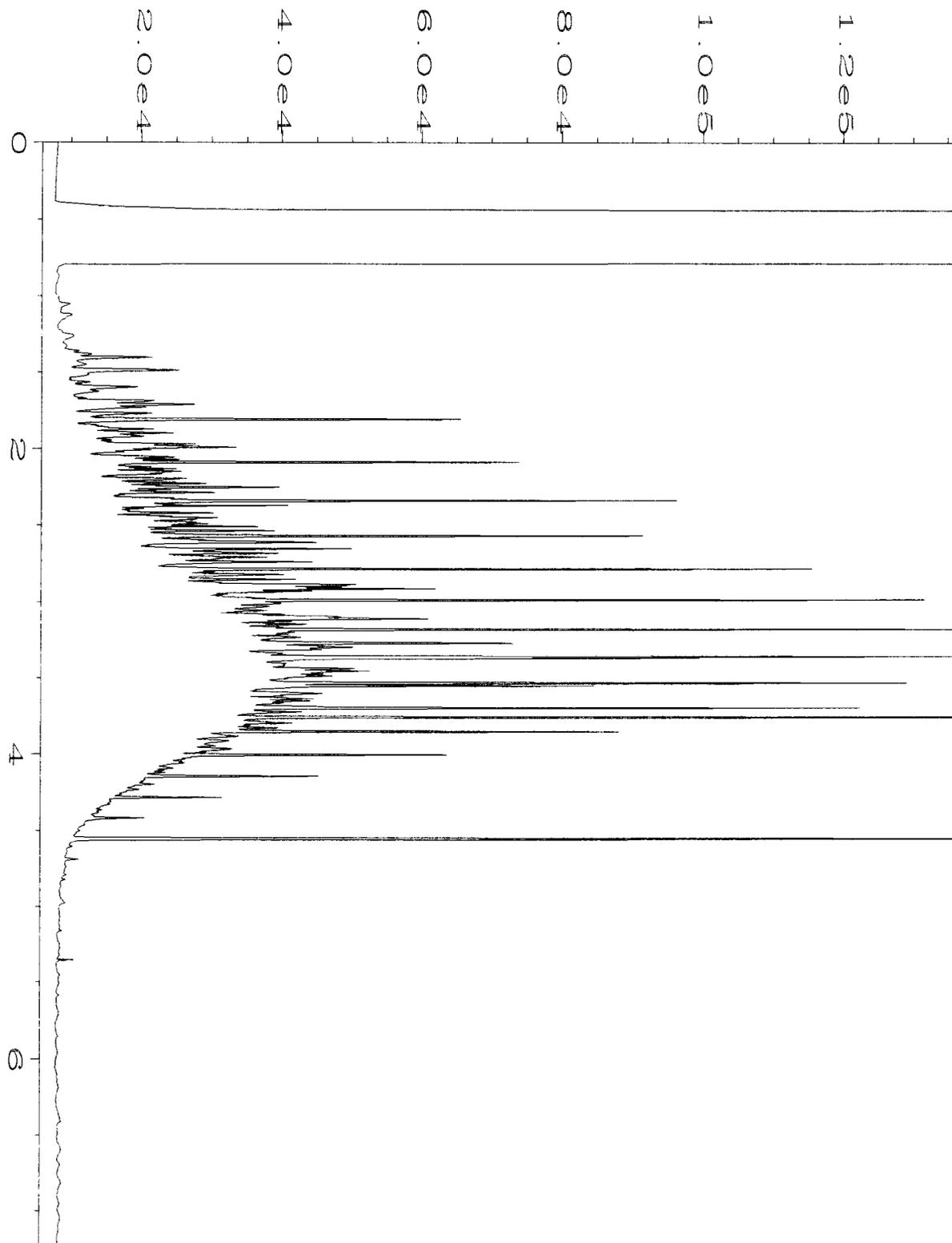
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\01-20-15\024F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 24
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501223-07	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 20 Jan 15 04:57 PM	Analysis Method	: DX.MTH
Report Created on:	21 Jan 15 09:44 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-20-15\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC1	Injection Number	: 1
Sample Name	: 05-142 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 20 Jan 15 09:48 AM	Analysis Method	: DX.MTH
Report Created on:	21 Jan 15 09:44 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-20-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 20 Jan 15 09:15 AM	Analysis Method	: DX.MTH
Report Created on:	21 Jan 15 09:44 AM		

501223

SAMPLE CHAIN OF CUSTODY

ME VS. 1/16/15

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # <u>1</u> of <u>1</u>
TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hr TAT</u> Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
P11-25	P11	25'	01A-D	1/16/15	1120	SOIL	4				X	
P11-23	P11	23'	02A-D		1125		4	X	X	X	X	
P11-20	P11	20'	03A-D		1130		4				X	
M8-25	M8	25'	04A-D		1140		4	X	X	X	X	
M8-23	M8	23'	05A-D		1145		4	X	X	X	X	
M3-25	M3	25'	06A-D		1340		4	X				
M3-22	M3	22'	07A-D		1350		4	X	0	0	0	

0-per CP 1/20/15
ME

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:	JONATHAN LOEFFLER	SOUNDEARTH	1/16/15	1455
Received by:	ERIC CLOUIN	F&B	1/16/15	1455
Relinquished by:				
Received by:				

Samples received at 4

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

January 19, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 16, 2015 from the SOU_0731-004-05_20150116, F&BI 501223 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0119R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 16, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150116, F&BI 501223 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501223 -01	P11-25
501223 -02	P11-23
501223 -03	P11-20
501223 -04	M8-25
501223 -05	M8-23
501223 -06	M3-25
501223 -07	M3-22

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

Date Extracted: 01/16/15

Date Analyzed: 01/16/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
P11-23 501223-02	<2	90
M8-25 501223-04	4.3	104
M8-23 501223-05	22	122
M3-25 501223-06	<2	92
M3-22 501223-07	<2	96
Method Blank 05-0120 MB	<2	78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

Date Extracted: 01/16/15

Date Analyzed: 01/16/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 48-168)
P11-23 501223-02	<50	<250	98
M8-25 501223-04	<50	<250	97
M8-23 501223-05	<50	<250	98
Method Blank 05-132 MB	<50	<250	104

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-25	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	501223-01
Date Analyzed:	01/16/15	Data File:	011619.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-23	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	501223-02
Date Analyzed:	01/16/15	Data File:	011620.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P11-20	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	501223-03
Date Analyzed:	01/16/15	Data File:	011621.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M8-25	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	501223-04
Date Analyzed:	01/16/15	Data File:	011622.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	M8-23	Client:	SoundEarth Strategies
Date Received:	01/16/15	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	501223-05
Date Analyzed:	01/16/15	Data File:	011623.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	97	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150116
Date Extracted:	01/16/15	Lab ID:	05-0105 mb
Date Analyzed:	01/16/15	Data File:	011618.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501201-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501204-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	33	31	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	42	39	10-101	7
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	49	46	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	60	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	50	13-112	8
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	62	59	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	63	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	70	66	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	57	54	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	61	58	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	60	56	30-112	7
Toluene	mg/kg (ppm)	2.5	<0.05	62	57	34-112	8
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	52	44	27-110	17
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	58	52	38-111	11
m,p-Xylene	mg/kg (ppm)	5	0.099	58	52	38-112	11
o-Xylene	mg/kg (ppm)	2.5	0.067	61	54	38-113	12

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	72	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	83	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	87	72-116
Benzene	mg/kg (ppm)	2.5	90	75-107
Trichloroethene	mg/kg (ppm)	2.5	90	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	95	81-114
m,p-Xylene	mg/kg (ppm)	5	97	82-115
o-Xylene	mg/kg (ppm)	2.5	98	81-116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

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

Laboratory Code: 501217-03 (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	119	114	63-146	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	115	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501204-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	33	31	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	42	39	10-101	7
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	49	46	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	60	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	50	13-112	8
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	62	59	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	63	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	70	66	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	57	54	27-112	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	60	56	30-112	7
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	52	44	27-110	17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	72	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	83	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	87	72-116
Trichloroethene	mg/kg (ppm)	2.5	90	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501204-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	33	31	10-91	6
Chloroethane	mg/kg (ppm)	2.5	<0.5	42	39	10-101	7
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	49	46	11-103	6
Methylene chloride	mg/kg (ppm)	2.5	<0.5	63	60	14-128	5
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	54	50	13-112	8
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	62	59	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	65	63	25-120	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	70	66	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	57	54	27-112	5
Benzene	mg/kg (ppm)	2.5	<0.03	61	58	26-114	5
Trichloroethene	mg/kg (ppm)	2.5	<0.02	60	56	30-112	7
Toluene	mg/kg (ppm)	2.5	<0.05	62	57	34-112	8
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	52	44	27-110	17
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	58	52	38-111	11
m,p-Xylene	mg/kg (ppm)	5	0.099	58	52	38-112	11
o-Xylene	mg/kg (ppm)	2.5	0.067	61	54	38-113	12

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/19/15

Date Received: 01/16/15

Project: SOU_0731-004-05_20150116, F&BI 501223

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	72	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	87	65-110
Methylene chloride	mg/kg (ppm)	2.5	91	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	83	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	90	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	87	72-116
Benzene	mg/kg (ppm)	2.5	90	75-107
Trichloroethene	mg/kg (ppm)	2.5	90	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	95	81-114
m,p-Xylene	mg/kg (ppm)	5	97	82-115
o-Xylene	mg/kg (ppm)	2.5	98	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

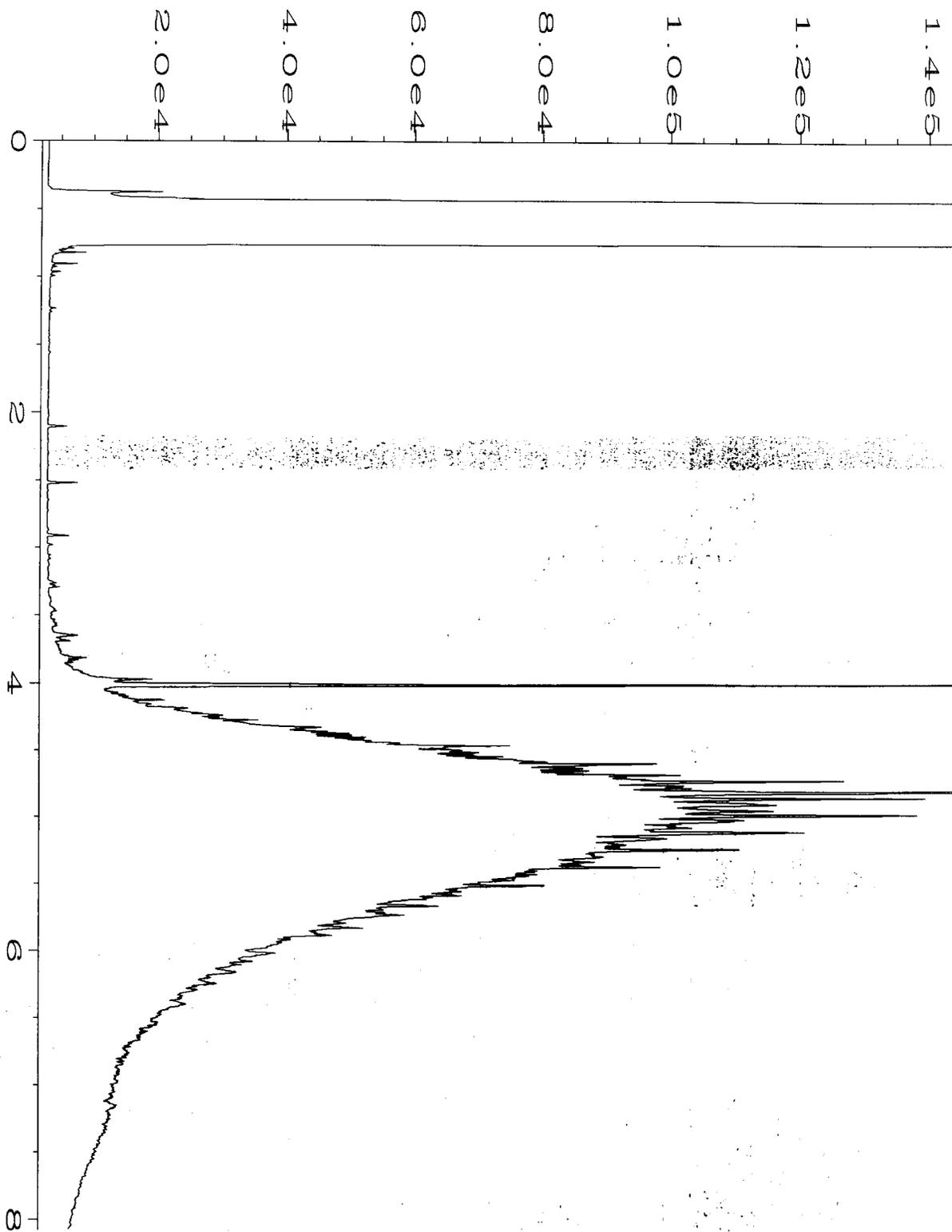
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

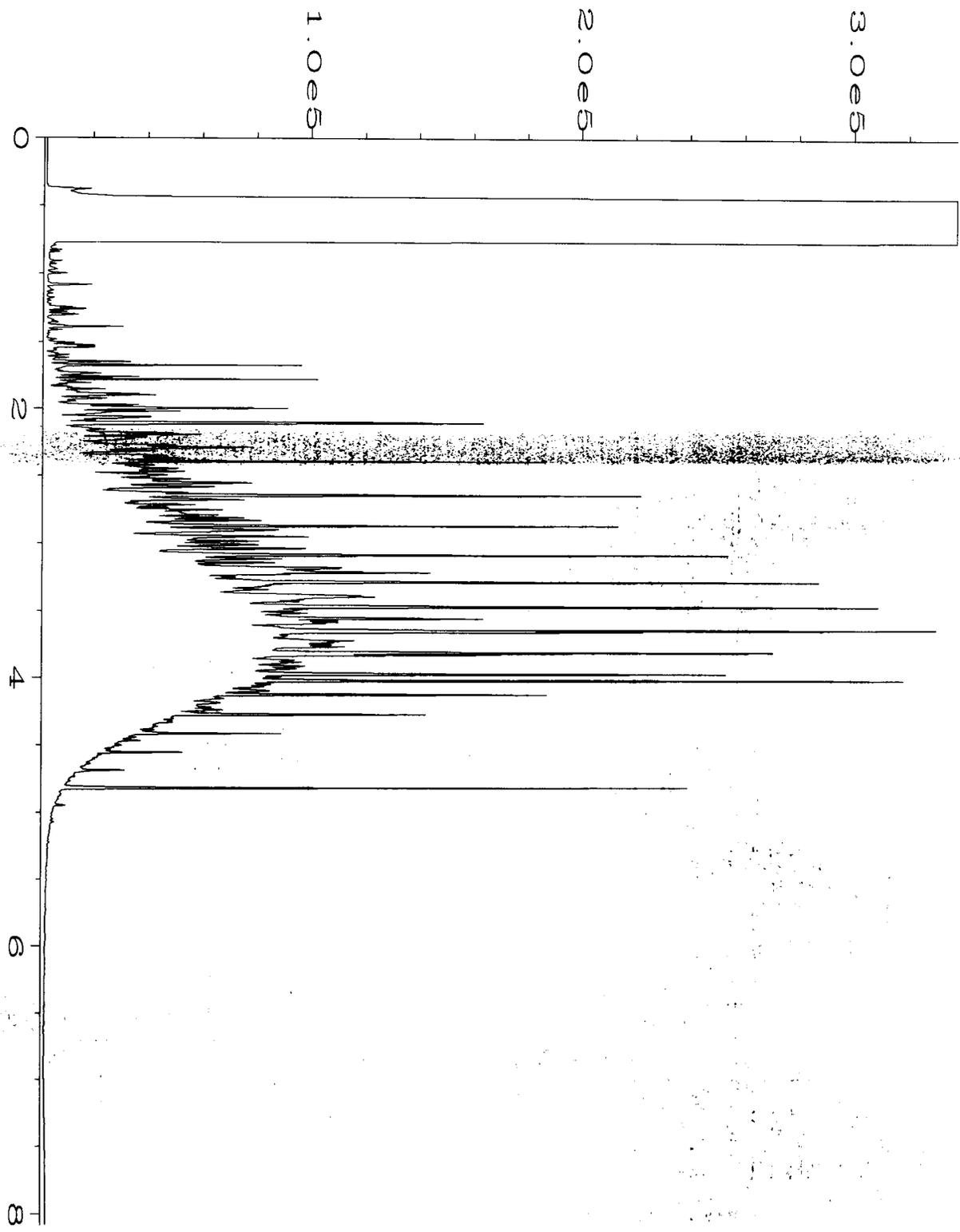
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

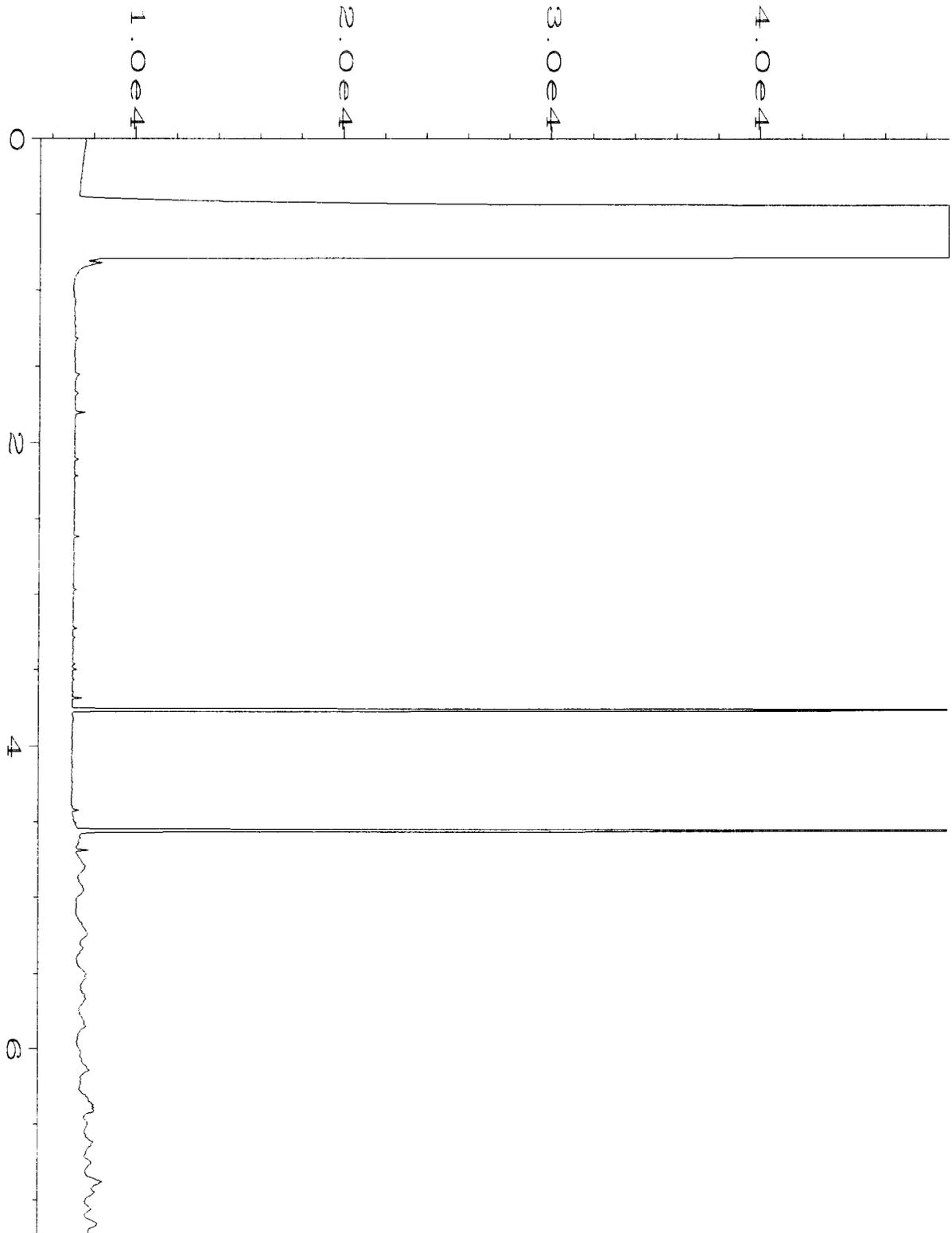
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



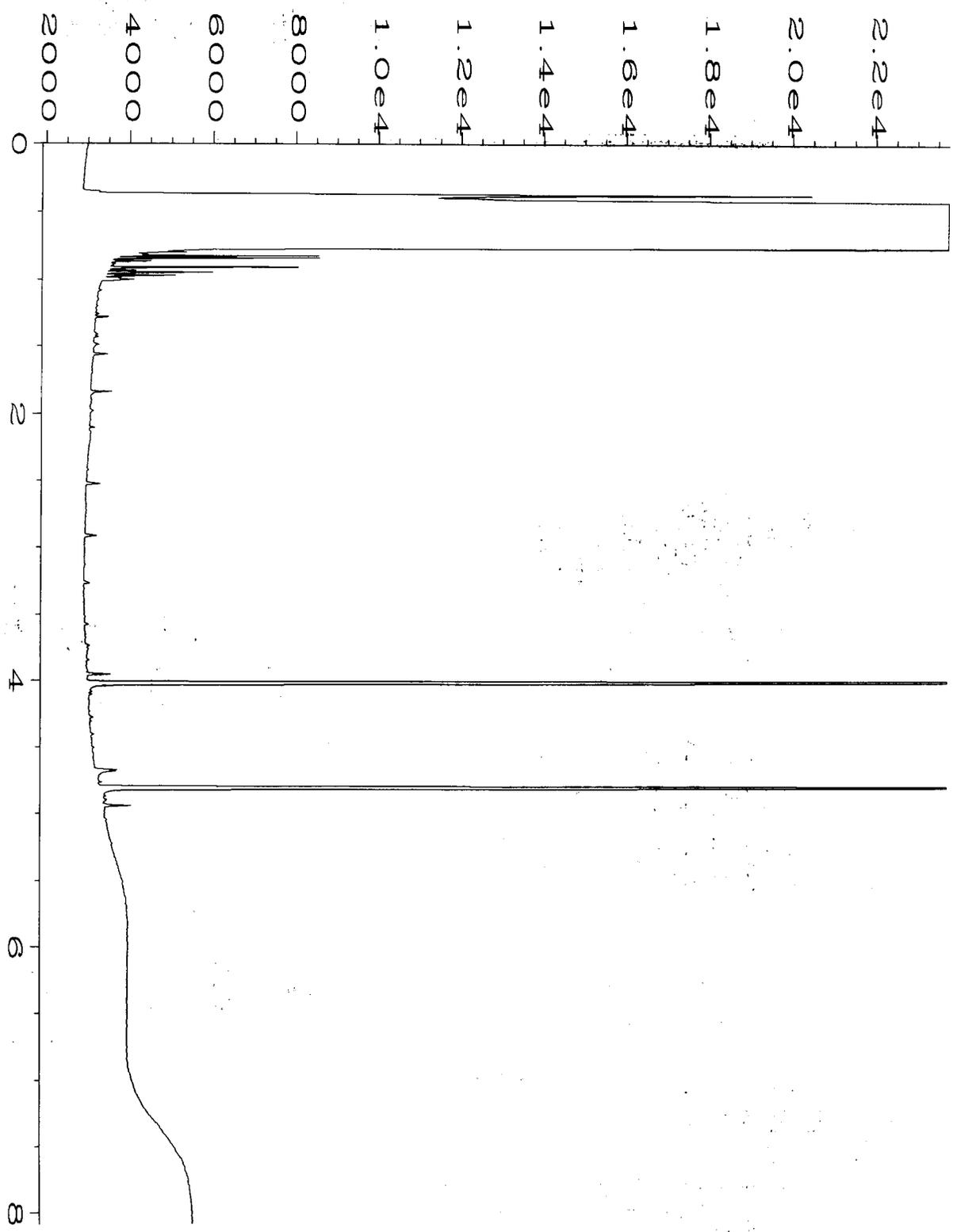
Data File Name	: C:\HPCHEM\4\DATA\01-16-15\004F0801.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 4
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 MO 44-50E	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 06:31 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:42 AM		



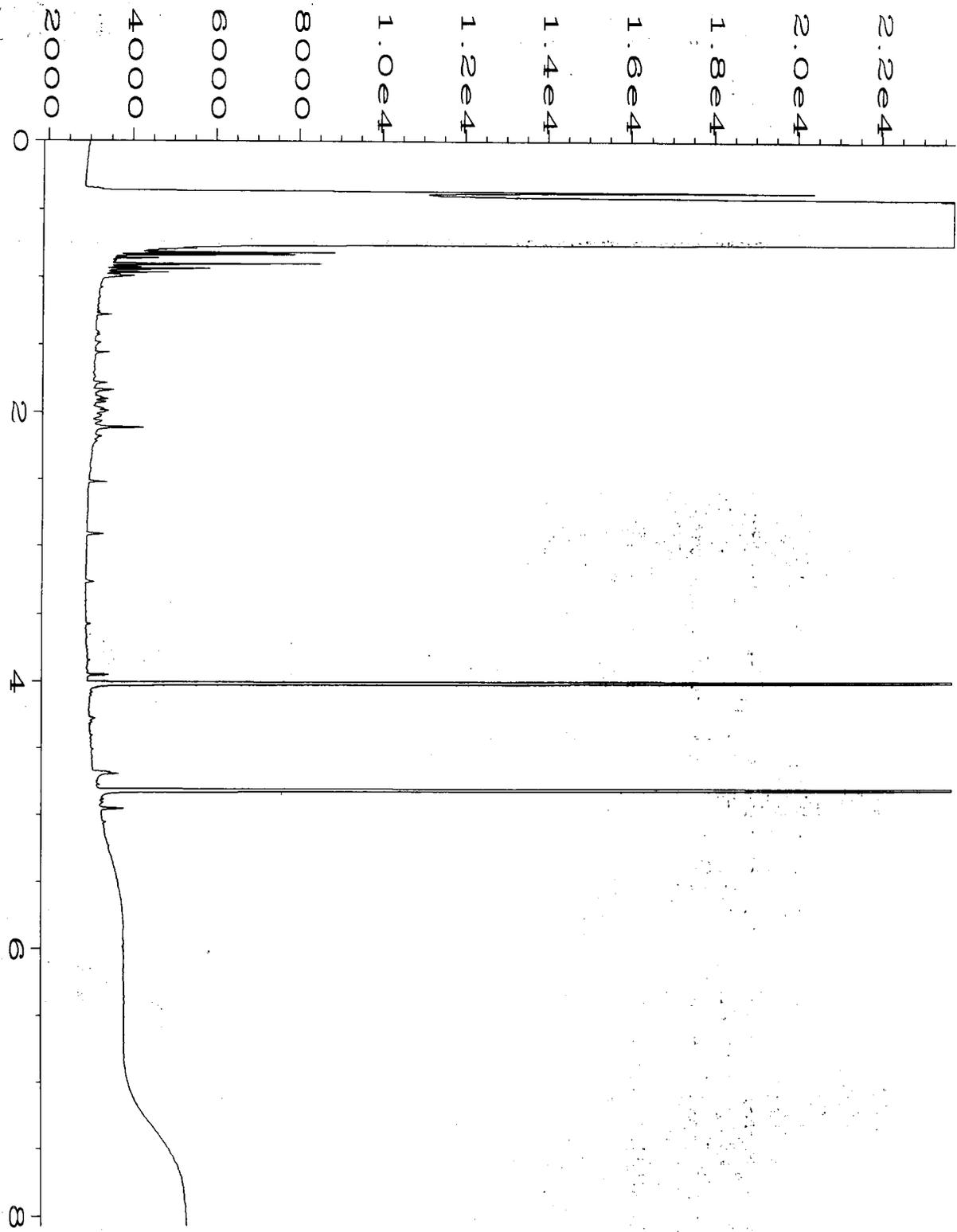
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Operator	: mwdl	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 44-94B	Sequence Line	: 8
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 06:44 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:42 AM		



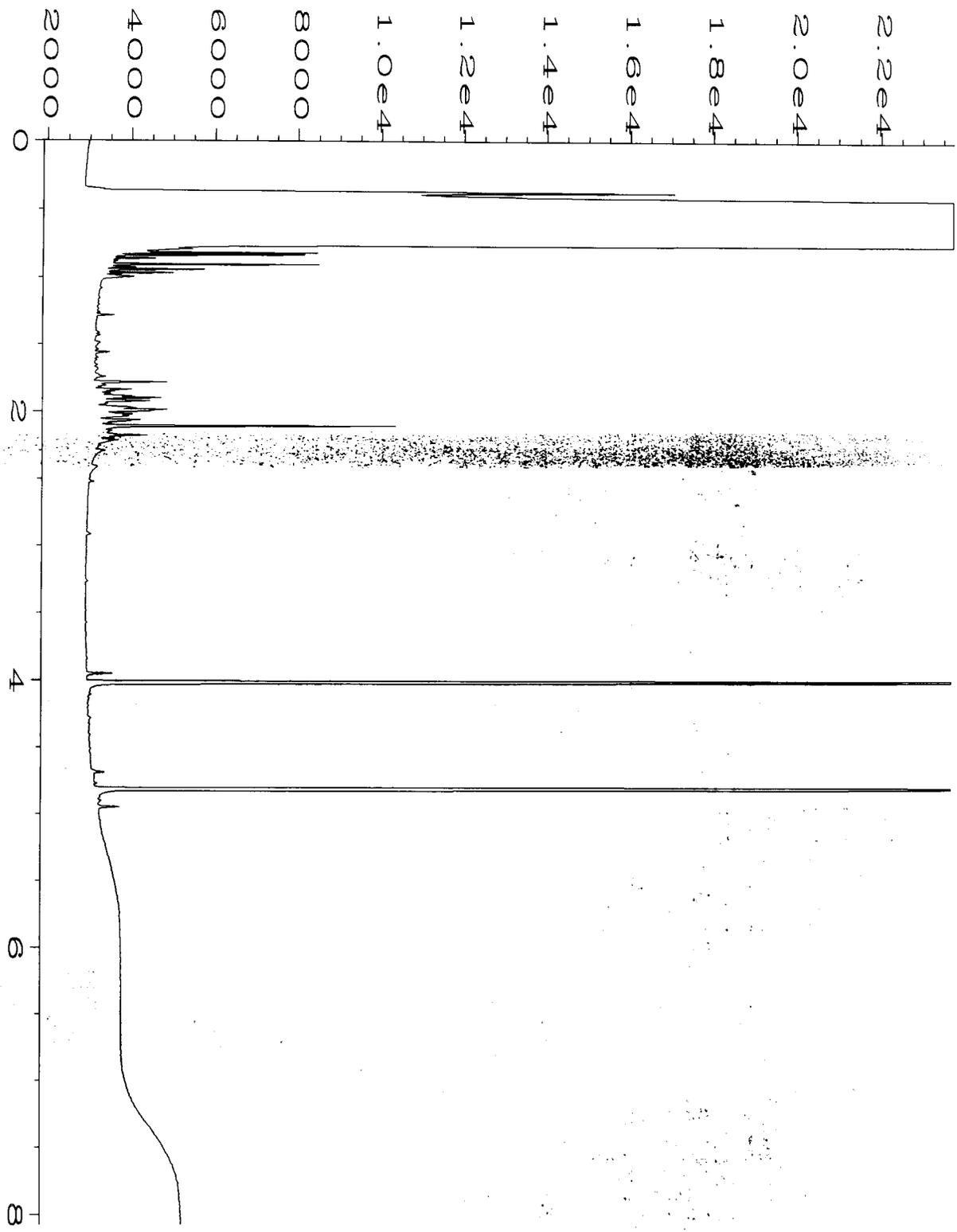
Data File Name	: C:\HPCHEM\1\DATA\01-16-15\038F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 38
Instrument	: GC1	Injection Number	: 1
Sample Name	: 05-132 mb	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 05:08 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:56 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-16-15\042F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 42
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 501223-02	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 07:50 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:42 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-16-15\043F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 43
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 501223-04	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 08:03 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:42 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-16-15\044F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 501223-05	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 16 Jan 15 08:16 PM	Analysis Method	: DX.MTH
Report Created on:	19 Jan 15 10:42 AM		

501223

SAMPLE CHAIN OF CUSTODY

ME VS. 1/16/15

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME
Standard (2 Weeks)
 RUSH 24 hr TAT
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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
P11-25	P11	25'	01A-D	1/16/15	1120	SOIL	4				X		
P11-23	P11	23'	02A-D		1125		4	X	X	X	X		
P11-20	P11	20'	03A-D		1130		4				X		
M8-25	M8	25'	04A-D		1140		4	X	X	X	X		
M8-23	M8	23'	05A-D		1145		4	X	X	X	X		
M3-25	M3	25'	06A-D		1340		4	X					
M3-22	M3	22'	07A-D		1350		4	X					

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:	JONATHAN LOEFFLER	SOUNDEARTH	1/16/15	1455
Received by:	ERIC LOUN	F&B	1/16/15	1455
Relinquished by:				
Received by:				

Samples received at 4 °C

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

January 22, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 19, 2015 from the SOU_0731-004-05_20150119, F&BI 501239 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0122R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 19, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150119, F&BI 501239 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501239 -01	DD10-29.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

Date Extracted: 01/20/15

Date Analyzed: 01/20/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
DD10-29.5 501239-01	<2	104
Method Blank 05-123 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

Date Extracted: 01/19/15

Date Analyzed: 01/19/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 56-165)
DD10-29.5 501239-01	<50	<250	100
Method Blank 05-134 MB	<50	<250	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD10-29.5	Client:	SoundEarth Strategies
Date Received:	01/19/15	Project:	SOU_0731-004-05_20150119
Date Extracted:	01/19/15	Lab ID:	501239-01
Date Analyzed:	01/19/15	Data File:	011917.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	95	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150119
Date Extracted:	01/19/15	Lab ID:	05-0107 mb
Date Analyzed:	01/19/15	Data File:	011916.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	93	90	111
Toluene-d8	94	64	137
4-Bromofluorobenzene	94	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501239-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

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

Laboratory Code: 501201-01 (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	88	88	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	87	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501239-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	49	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	57	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	69	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	78	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	71	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	75	23-115	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	79	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	73	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	74	27-112	7
Benzene	mg/kg (ppm)	2.5	<0.03	77	74	26-114	4
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	76	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	82	79	34-112	4
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	78	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	82	80	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	85	82	38-112	4
o-Xylene	mg/kg (ppm)	2.5	<0.05	88	85	38-113	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/19/15

Project: SOU_0731-004-05_20150119, F&BI 501239

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	71	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	90	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	88	72-116
Benzene	mg/kg (ppm)	2.5	91	75-107
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Toluene	mg/kg (ppm)	2.5	98	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	96	81-114
m,p-Xylene	mg/kg (ppm)	5	99	82-115
o-Xylene	mg/kg (ppm)	2.5	96	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

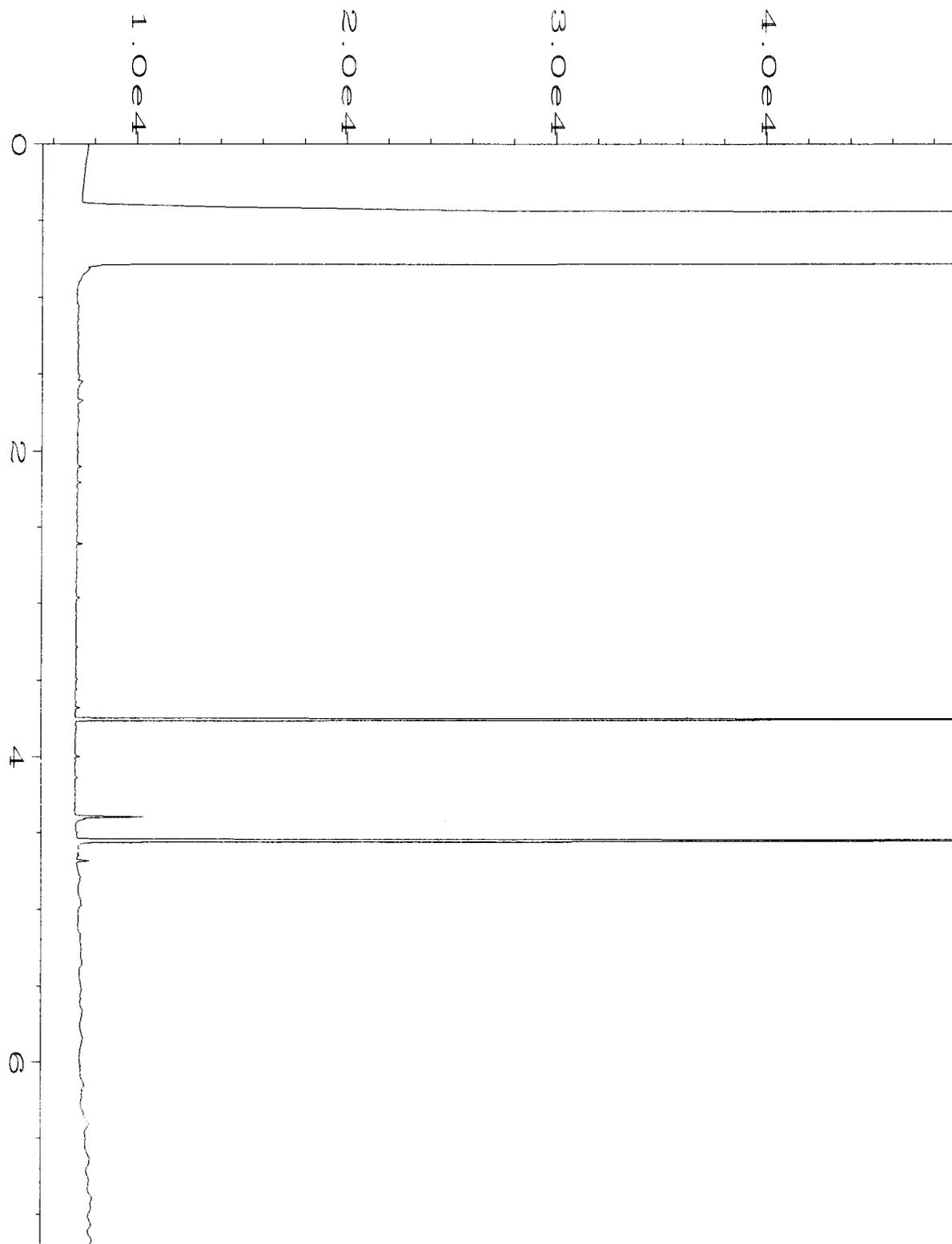
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

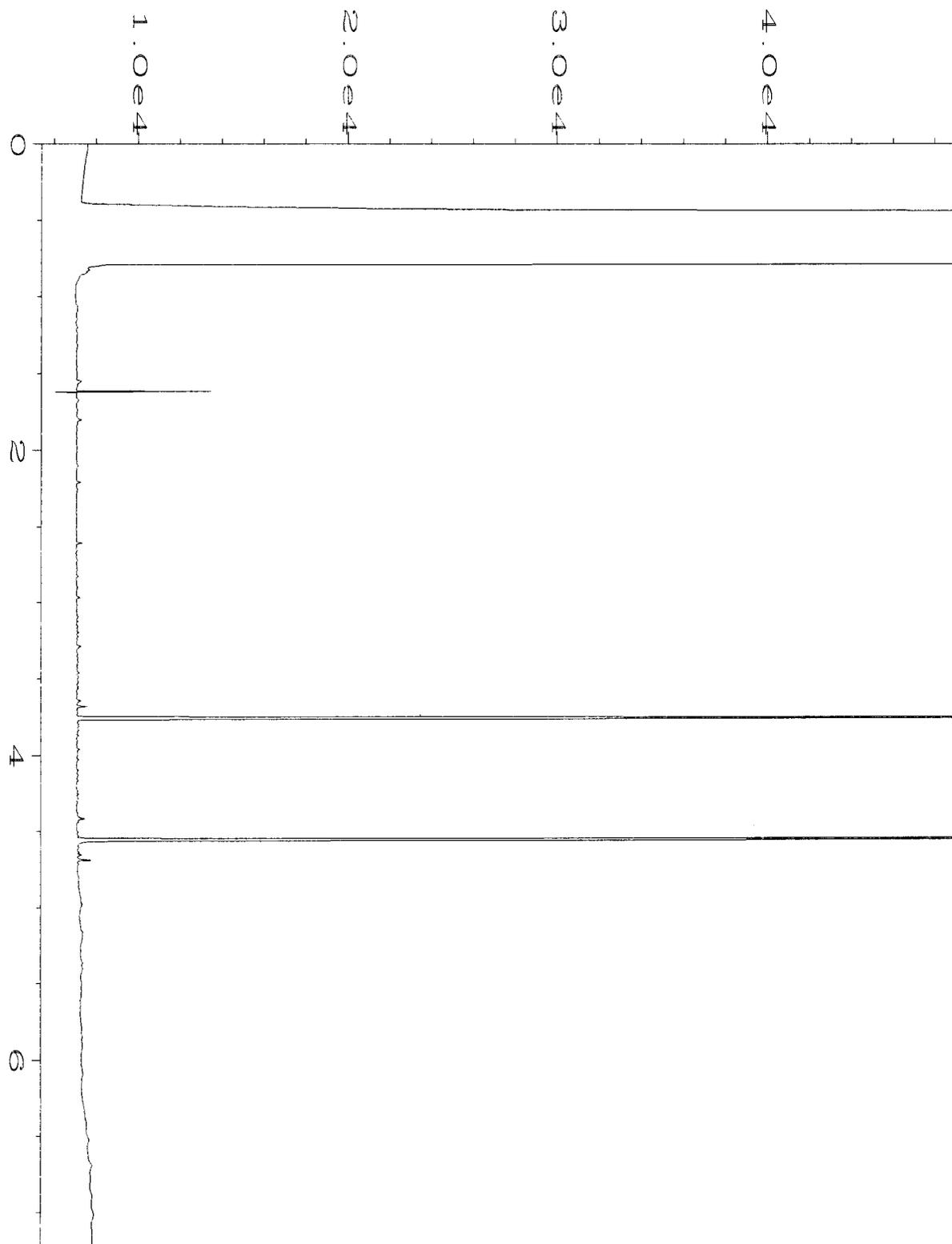
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

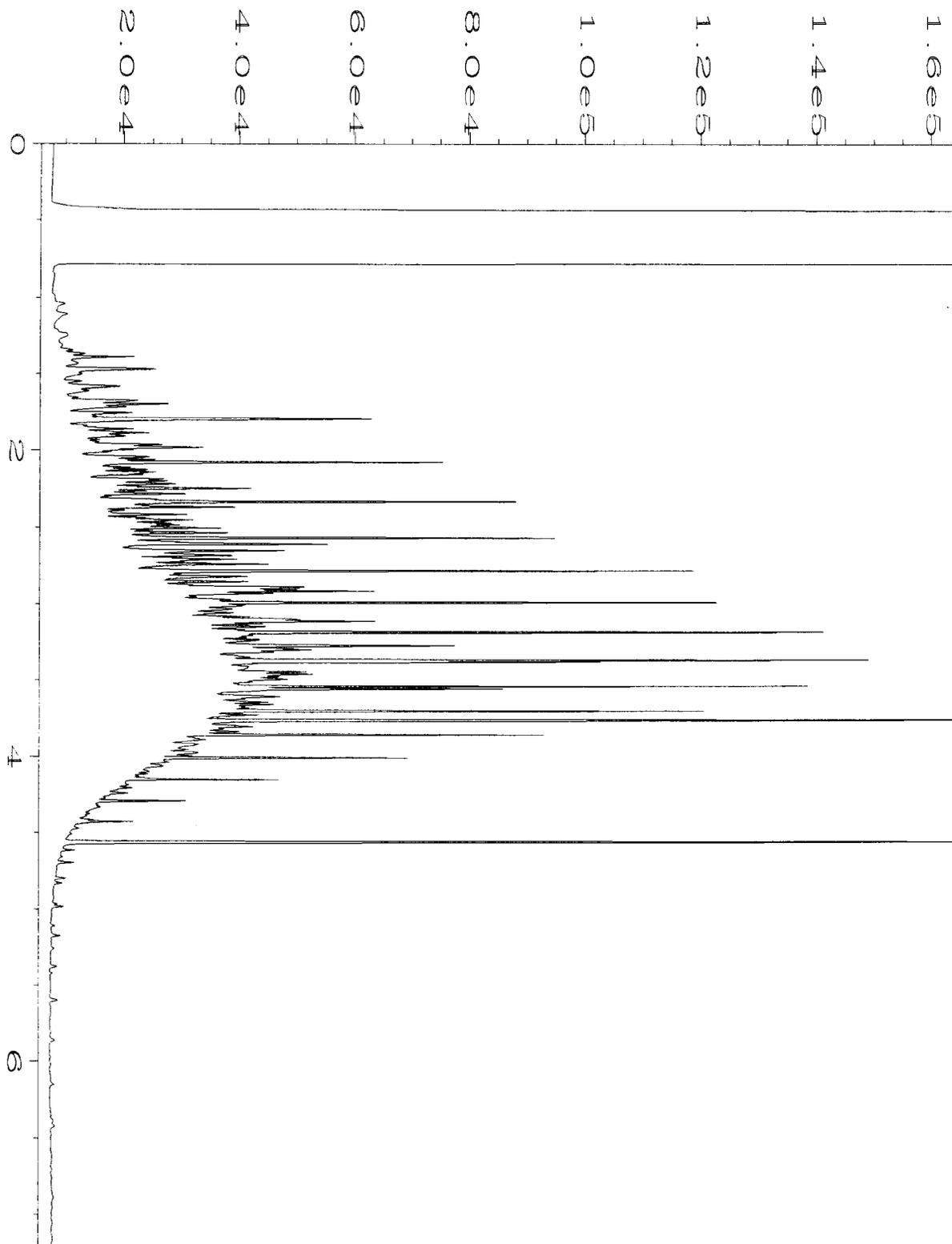
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\01-19-15\046F1101.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 46
Instrument	: GC1	Injection Number	: 1
Sample Name	: 501239-01	Sequence Line	: 11
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 19 Jan 15 08:28 PM	Analysis Method	: DX.MTH
Report Created on:	20 Jan 15 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-19-15\026F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 26
Instrument	: GC1	Injection Number	: 1
Sample Name	: 05-137 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Jan 15 03:55 PM	Analysis Method	: DX.MTH
Report Created on:	20 Jan 15 09:24 AM		



Data File Name	: C:\HPCHEM\1\DATA\01-19-15\003F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 19 Jan 15 09:39 AM	Analysis Method	: DX.MTH
Report Created on:	20 Jan 15 09:24 AM		

SAMPLE CHAIN OF CUSTODY

501239

ME 01/19/15

Page # 1 of 1 USI/COI

Send report to Pete Kingston cc: Jonathan Loeffler, Courtney Porter

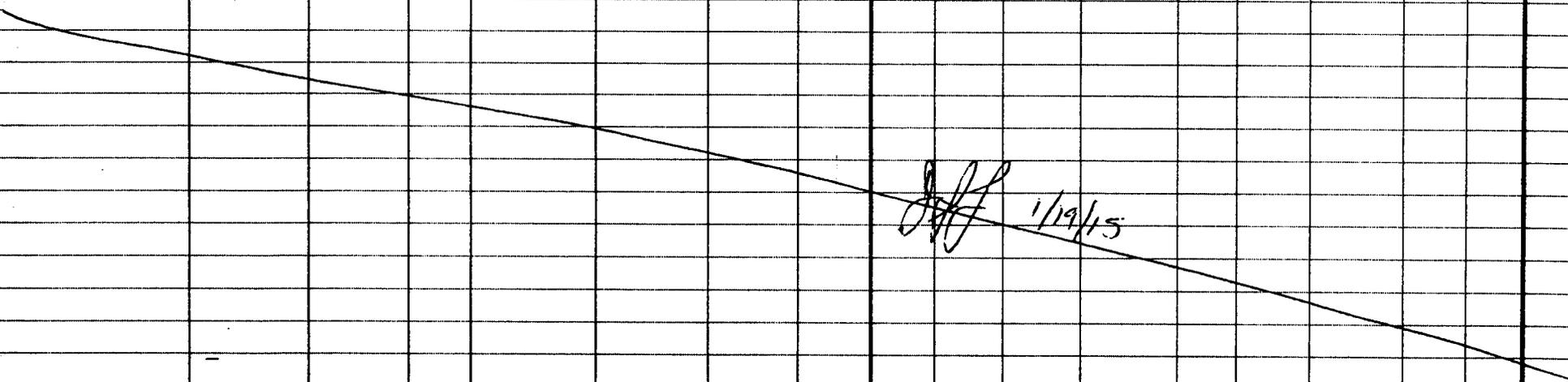
Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

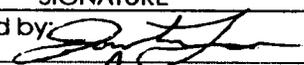
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>24 hr TAT</u> Rush charges authorized by: <u>Pete Kingston</u>
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
DDIO-29.5	DDIO ^{BTA}	29.5'	^{of} AE	1/19/15	1115	SOIL	5	X	X	X	X	
  1/19/15												

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: 	JONATHAN LOEFFLER	SOUNDEARTH	1/19/15	1401
Received by: 	Pete Kingston	FBI	1/19/15	1401
Relinquished by:				
Received by:				

Samples received at 4 °C

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

January 22, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 20, 2015 from the SOU_0731-004-05_20150120, F&BI 501255 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0122R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 20, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150120, F&BI 501255 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501255 -01	Z11-33
501255 -02	Z11-29
501255 -03	BB11-33
501255 -04	P4-25
501255 -05	AA13-33

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/20/15

Project: SOU_0731-004-05_20150120, F&BI 501255

Date Extracted: 01/20/15

Date Analyzed: 01/20/15 and 01/21/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
Z11-33 501255-01	200	ip
Z11-29 501255-02	<2	118
BB11-33 501255-03	<2	112
P4-25 501255-04	<2	113
Method Blank 05-123 MB	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	P4-25	Client:	SoundEarth Strategies
Date Received:	01/20/15	Project:	SOU_0731-004-05_20150120
Date Extracted:	01/20/15	Lab ID:	501255-04
Date Analyzed:	01/20/15	Data File:	012026.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150120
Date Extracted:	01/20/15	Lab ID:	05-0107 mb2
Date Analyzed:	01/20/15	Data File:	012025.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/20/15

Project: SOU_0731-004-05_20150120, F&BI 501255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501239-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	85	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/20/15

Project: SOU_0731-004-05_20150120, F&BI 501255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501239-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	49	10-91	4
Chloroethane	mg/kg (ppm)	2.5	<0.5	60	57	10-101	5
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	72	69	11-103	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	78	14-128	7
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	71	13-112	3
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	80	75	23-115	6
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	79	25-120	5
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	75	73	22-124	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	79	74	27-112	7
Trichloroethene	mg/kg (ppm)	2.5	<0.02	78	76	30-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	80	78	27-110	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/22/15

Date Received: 01/20/15

Project: SOU_0731-004-05_20150120, F&BI 501255

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	71	42-107
Chloroethane	mg/kg (ppm)	2.5	71	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	65-110
Methylene chloride	mg/kg (ppm)	2.5	90	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	84	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	89	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	89	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	88	72-116
Trichloroethene	mg/kg (ppm)	2.5	93	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

501255

SAMPLE CHAIN OF CUSTODY

ME 1/20/15

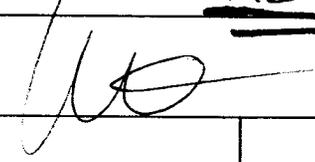
US1
C01

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

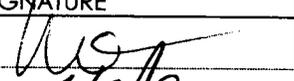
Standard (2 Weeks)
 RUSH 24-hr

Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
Z11-33	Z11	33	01AD	1/20/15	0820	soil	4	X					
Z11-29	Z11	29	02AE	1/20/15	0855	soil	5	X					
BB11-33	BB11	33	03AD	1/20/15	1035	soil	4	X					
P4-25	P4	25	04AE	1/20/15	1045	soil	5	X			X		
AA13-33	AA13	33	05AD	1/20/15	1055	soil	4					X	
OP 1/20/15													

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: 	Courtney Porter	SoundEarth	1/20/15	1450
Received by: 	HONG NGUYEN	FBI	✓	✓
Relinquished by:				
Received by:		Sample received at	4 °C	

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

January 23, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 21, 2015 from the SOU_0731-004-05_20150121, F&BI 501277 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0123R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 21, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150121, F&BI 501277 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501277 -01	Q8-30
501277 -02	Q7-30
501277 -03	Q7-25
501277 -04	T15-30
501277 -05	U14-34
501277 -06	U14-30
501277 -07	W13-35
501277 -08	W12-30
501277 -09	W13-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

Date Extracted: 01/21/15

Date Analyzed: 01/21/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
T15-30 501277-04	<2	111
W12-30 501277-08	<2	107
Method Blank 05-0125 MB	<2	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

Date Extracted: 01/21/15

Date Analyzed: 01/22/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
T15-30 501277-04	<50	<250	103
Method Blank 05-149 MB	<50	<250	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q8-30	Client:	SoundEarth Strategies
Date Received:	01/21/15	Project:	SOU_0731-004-05_20150121, F&BI 501277
Date Extracted:	01/21/15	Lab ID:	501277-01
Date Analyzed:	01/21/15	Data File:	012111.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	84	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	1.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q7-30	Client:	SoundEarth Strategies
Date Received:	01/21/15	Project:	SOU_0731-004-05_20150121, F&BI 501277
Date Extracted:	01/21/15	Lab ID:	501277-02
Date Analyzed:	01/21/15	Data File:	012110.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	89	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	0.78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q7-25	Client:	SoundEarth Strategies
Date Received:	01/21/15	Project:	SOU_0731-004-05_20150121, F&BI 501277
Date Extracted:	01/21/15	Lab ID:	501277-03
Date Analyzed:	01/21/15	Data File:	012108.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	99	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	T15-30	Client:	SoundEarth Strategies
Date Received:	01/21/15	Project:	SOU_0731-004-05_20150121, F&BI 501277
Date Extracted:	01/21/15	Lab ID:	501277-04
Date Analyzed:	01/21/15	Data File:	012109.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150121, F&BI 501277
Date Extracted:	01/21/15	Lab ID:	05-0108 mb
Date Analyzed:	01/21/15	Data File:	012107.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501277-04 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

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

Laboratory Code: 501272-01 (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	102	101	64-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501124-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	42	10-91	7
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	57	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	60	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	76	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	69	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	78	25-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	82	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	79	27-112	6
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	76	30-112	6
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	74	27-110	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	97	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	65-110
Methylene chloride	mg/kg (ppm)	2.5	111	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	104	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	107	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	111	72-116
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Tetrachloroethene	mg/kg (ppm)	2.5	105	77-110

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/23/15

Date Received: 01/21/15

Project: SOU_0731-004-05_20150121, F&BI 501277

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501124-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	42	10-91	7
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	57	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	60	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	76	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	69	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	78	25-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	82	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	79	27-112	6
Benzene	mg/kg (ppm)	2.5	<0.03	78	73	26-114	7
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	76	30-112	6
Toluene	mg/kg (ppm)	2.5	<0.05	81	74	34-112	9
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	74	27-110	10
Ethylbenzene	mg/kg (ppm)	2.5	0.12	82	77	38-111	6
m,p-Xylene	mg/kg (ppm)	5	0.27	85	79	38-112	7
o-Xylene	mg/kg (ppm)	2.5	0.077	89	83	38-113	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	97	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	65-110
Methylene chloride	mg/kg (ppm)	2.5	111	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	104	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	107	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	111	72-116
Benzene	mg/kg (ppm)	2.5	98	75-107
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Toluene	mg/kg (ppm)	2.5	102	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	105	77-110
Ethylbenzene	mg/kg (ppm)	2.5	104	81-114
m,p-Xylene	mg/kg (ppm)	5	107	82-115
o-Xylene	mg/kg (ppm)	2.5	110	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

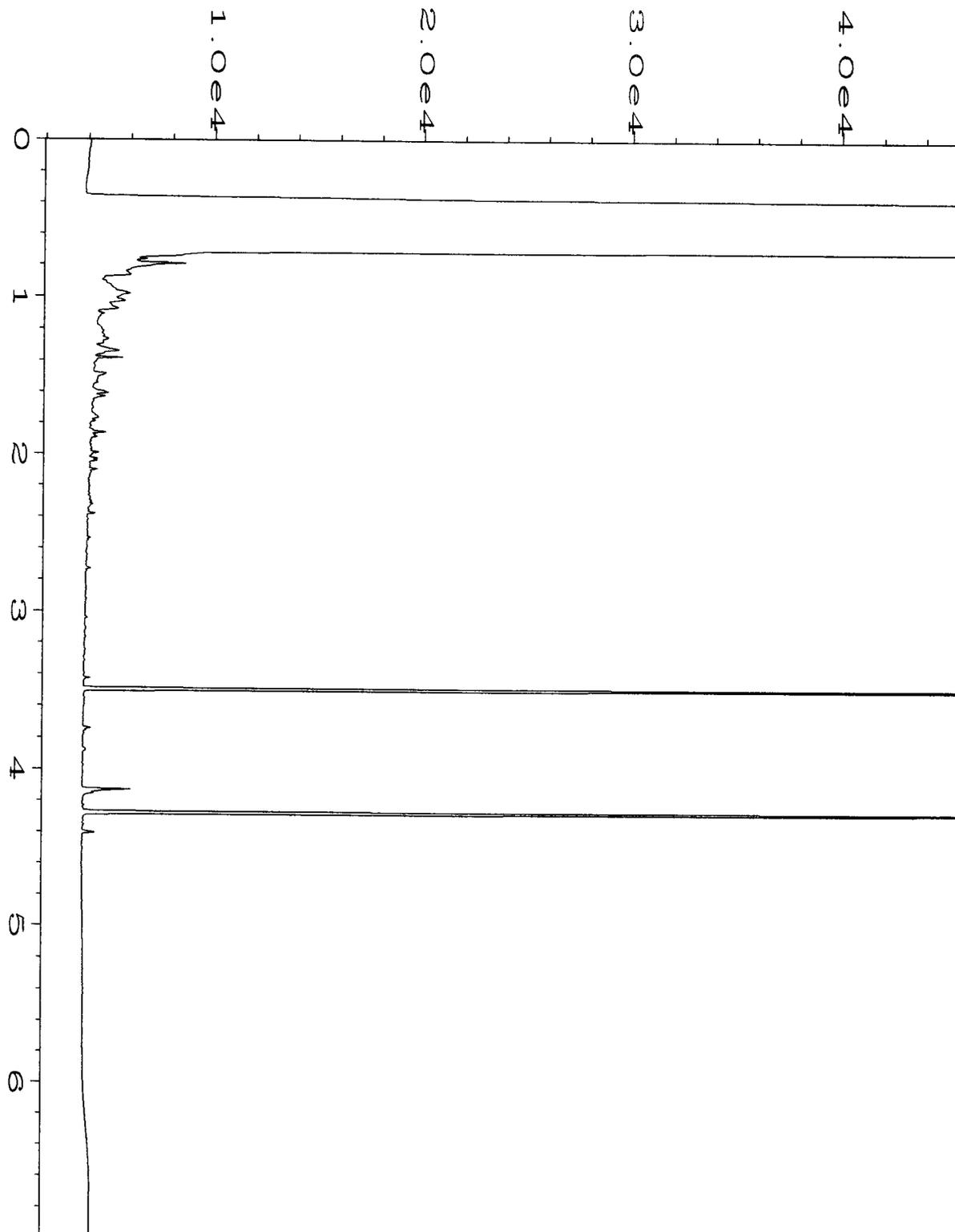
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

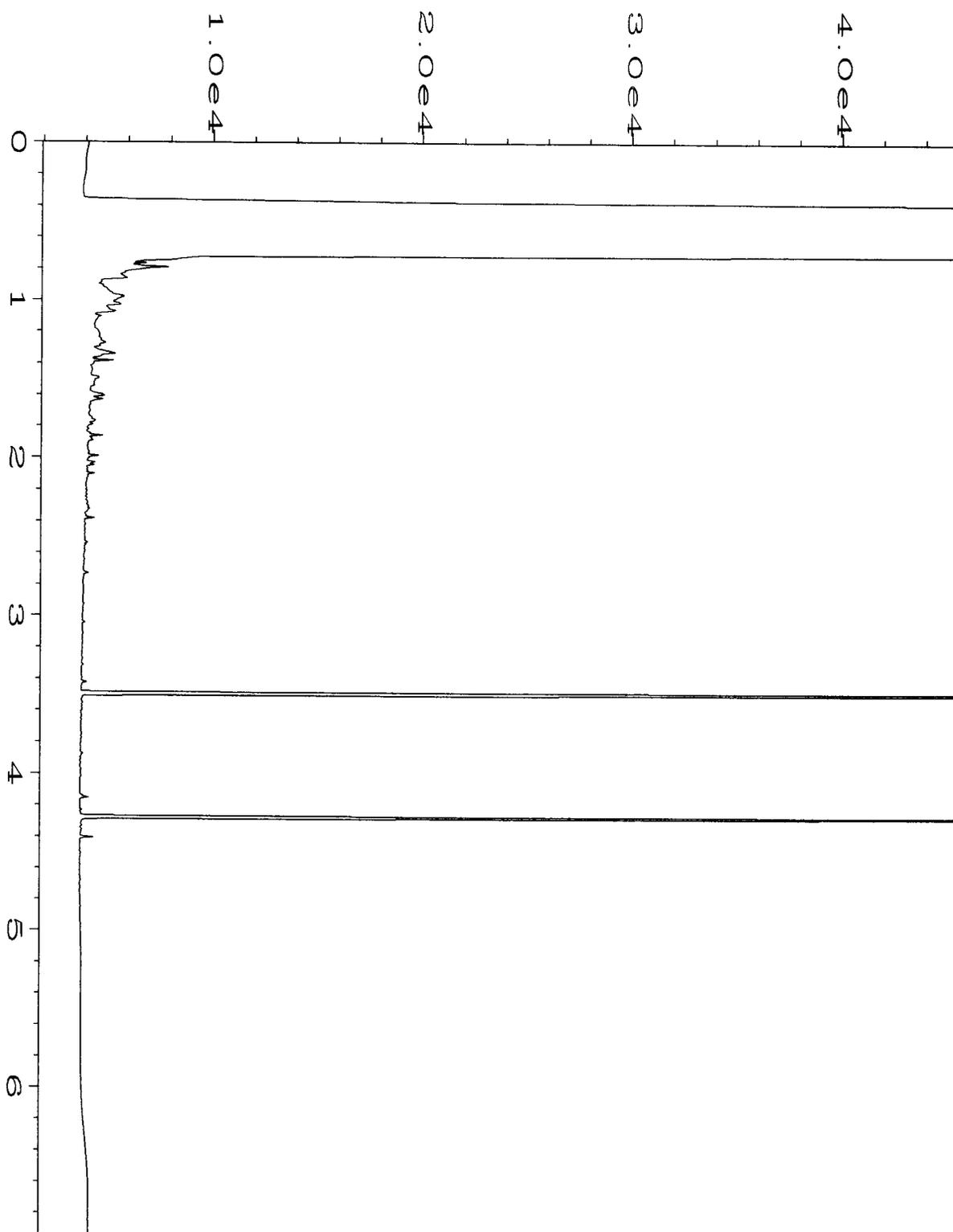
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

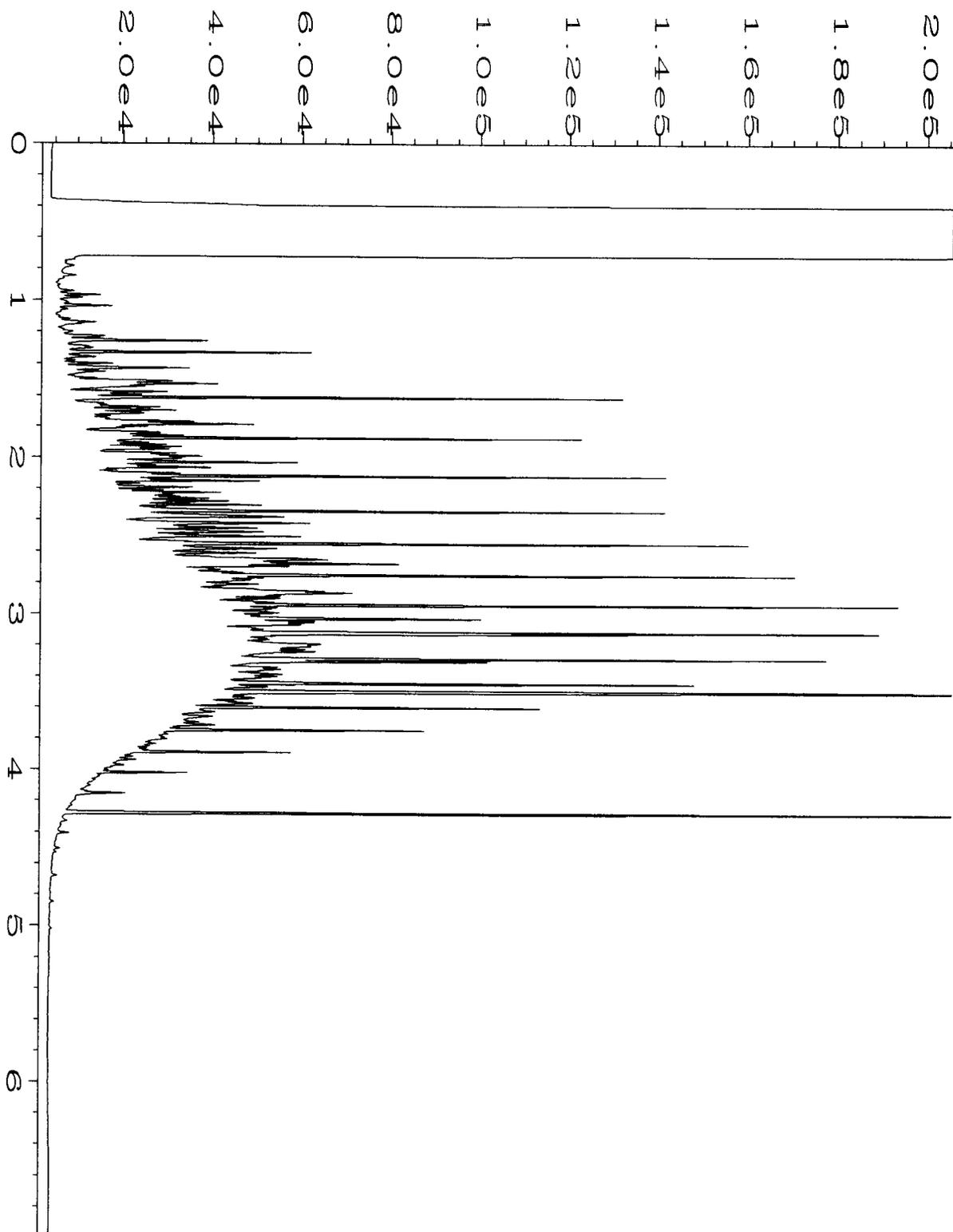
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\6\DATA\01-22-15\050F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 50
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 501277-04	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Jan 15 09:21 AM	Analysis Method	: DX.MTH
Report Created on:	22 Jan 15 09:46 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-22-15\044F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 44
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 05-149 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Jan 15 08:17 AM	Analysis Method	: DX.MTH
Report Created on:	22 Jan 15 09:45 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-22-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Jan 15 06:30 AM	Analysis Method	: DX.MTH
Report Created on:	22 Jan 15 09:45 AM		

501277

SAMPLE CHAIN OF CUSTODY

ME 01/21/15

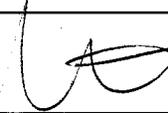
VS2/c01

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

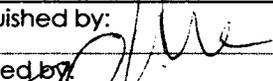
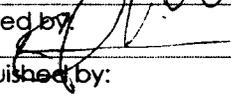
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24-hr Rush charges authorized by: <u>P. Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-GX	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-DX	cVOCs by EPA 8260C	HOLD	Notes
Q8-30	Q8	30	01A-D	1/21/15	0735	Soil	4				X		
Q7-30	Q7	30	02A-D	1/21/15	0740	Soil	4				X		
Q7-25	Q7	25	03A-D	1/21/15	0745	Soil	4				X		
T15-30	T15	30	04A-G	1/21/15	0955	Soil	5	X	X	X	X		
U14-34	U14	34	05A-D	1/21/15	1000	Soil	4					X	
U14-30	U14	30	06A-D	1/21/15	1005	Soil	4					X	
W13-35	W13	35	07A-D	1/21/15	1150	Soil	4					X	
W12-30	W12	30	08A-D	1/21/15	1240	Soil	4	X					
W13-30	W13	30	09A-D	1/21/15	1245	Soil	4					X	
								CP 1/21/15					

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: 	Courtney Porter	SoundEarth	1/21/15	1440
Received by: 	Eric Yane	F&B	1/21/15	1400
Relinquished by:				
Received by:		Samples received at	4	0

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

January 27, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 22, 2015 from the SOU_0731-004-05_20150122, F&BI 501294 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Courtney Porter, Jonathan Loeffler
SOU0127R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 22, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150122, F&BI 501294 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501294 -01	W12-27
501294 -02	Y10-26
501294 -03	W10-26
501294 -04	T5-25
501294 -05	S5-30
501294 -06	W6-25
501294 -07	Y8-25
501294 -08	X8-25

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

Date Extracted: 01/22/15

Date Analyzed: 01/22/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
W12-27 501294-01	<2	95
Y10-26 501294-02	<2	96
W10-26 501294-03	<2	96
W6-25 501294-06	<2	97
Y8-25 501294-07	12	118
Method Blank 05-125 MB2	<2	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

Date Extracted: 01/22/15

Date Analyzed: 01/22/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
T5-25 501294-04	<0.02	<0.02	<0.02	<0.06	<2	82
Method Blank 05-125 MB2	<0.02	<0.02	<0.02	<0.06	<2	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

Date Extracted: 01/22/15

Date Analyzed: 01/22/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
Y10-26 501294-02	<50	<250	96
T5-25 501294-04	<50	<250	99
Method Blank 05-152 MB	<50	<250	110

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Y10-26	Client:	SoundEarth Strategies
Date Received:	01/22/15	Project:	SOU_0731-004-05_20150122, F&BI 501294
Date Extracted:	01/22/15	Lab ID:	501294-02
Date Analyzed:	01/23/15	Data File:	012306.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150122, F&BI 501294
Date Extracted:	01/23/15	Lab ID:	05-0108 mb2
Date Analyzed:	01/23/15	Data File:	012305.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	90	111
Toluene-d8	100	64	137
4-Bromofluorobenzene	98	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

**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: 501277-04 (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)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	
			Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	82	66-121
Toluene	mg/kg (ppm)	0.5	86	72-128
Ethylbenzene	mg/kg (ppm)	0.5	85	69-132
Xylenes	mg/kg (ppm)	1.5	89	69-131
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

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

Laboratory Code: 501285-01 (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	93	103	73-135	10

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	92	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/22/15

Project: SOU_0731-004-05_20150122, F&BI 501294

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501124-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	45	42	10-91	7
Chloroethane	mg/kg (ppm)	2.5	<0.5	59	57	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	63	60	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	81	76	14-128	6
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	73	69	13-112	6
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	79	75	23-115	5
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	83	78	25-120	6
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	87	82	22-124	6
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	84	79	27-112	6
Benzene	mg/kg (ppm)	2.5	<0.03	78	73	26-114	7
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	76	30-112	6
Toluene	mg/kg (ppm)	2.5	<0.05	81	74	34-112	9
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	82	74	27-110	10
Ethylbenzene	mg/kg (ppm)	2.5	0.12	82	77	38-111	6
m,p-Xylene	mg/kg (ppm)	5	0.27	85	79	38-112	7
o-Xylene	mg/kg (ppm)	2.5	0.077	89	83	38-113	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	88	42-107
Chloroethane	mg/kg (ppm)	2.5	97	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	100	65-110
Methylene chloride	mg/kg (ppm)	2.5	111	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	103	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	104	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	107	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	104	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	111	72-116
Benzene	mg/kg (ppm)	2.5	98	75-107
Trichloroethene	mg/kg (ppm)	2.5	99	72-107
Toluene	mg/kg (ppm)	2.5	102	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	105	77-110
Ethylbenzene	mg/kg (ppm)	2.5	104	81-114
m,p-Xylene	mg/kg (ppm)	5	107	82-115
o-Xylene	mg/kg (ppm)	2.5	110	81-116

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

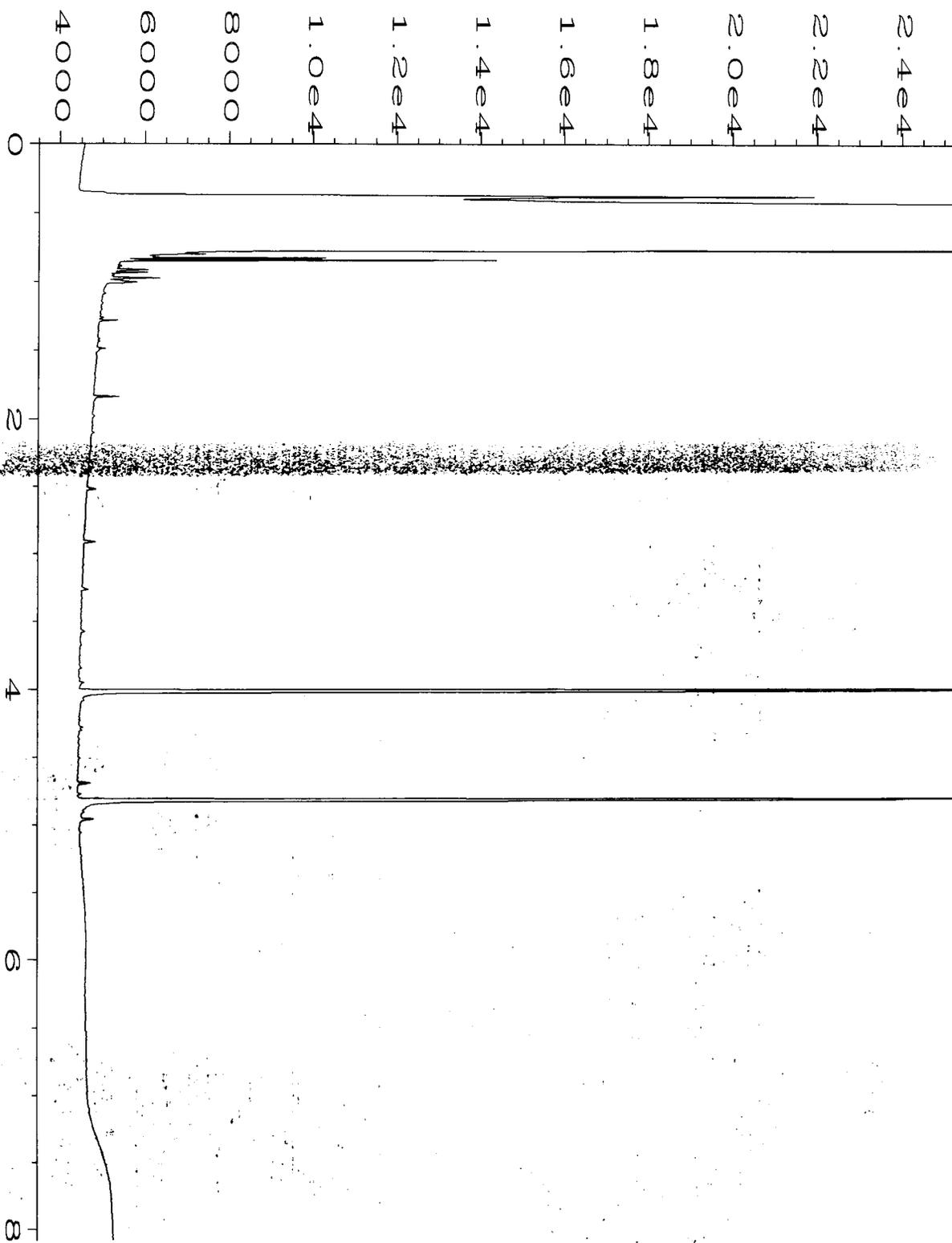
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

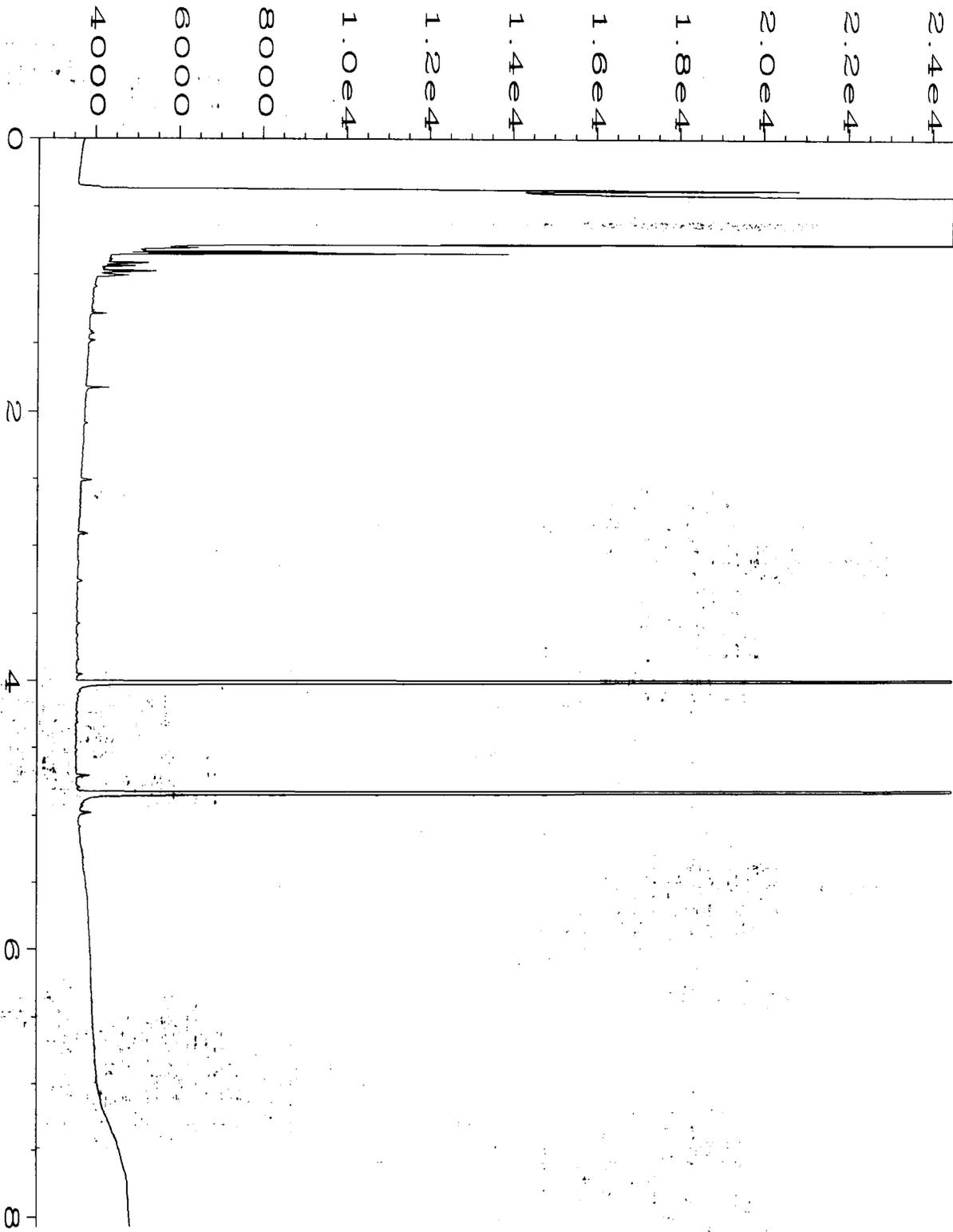
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

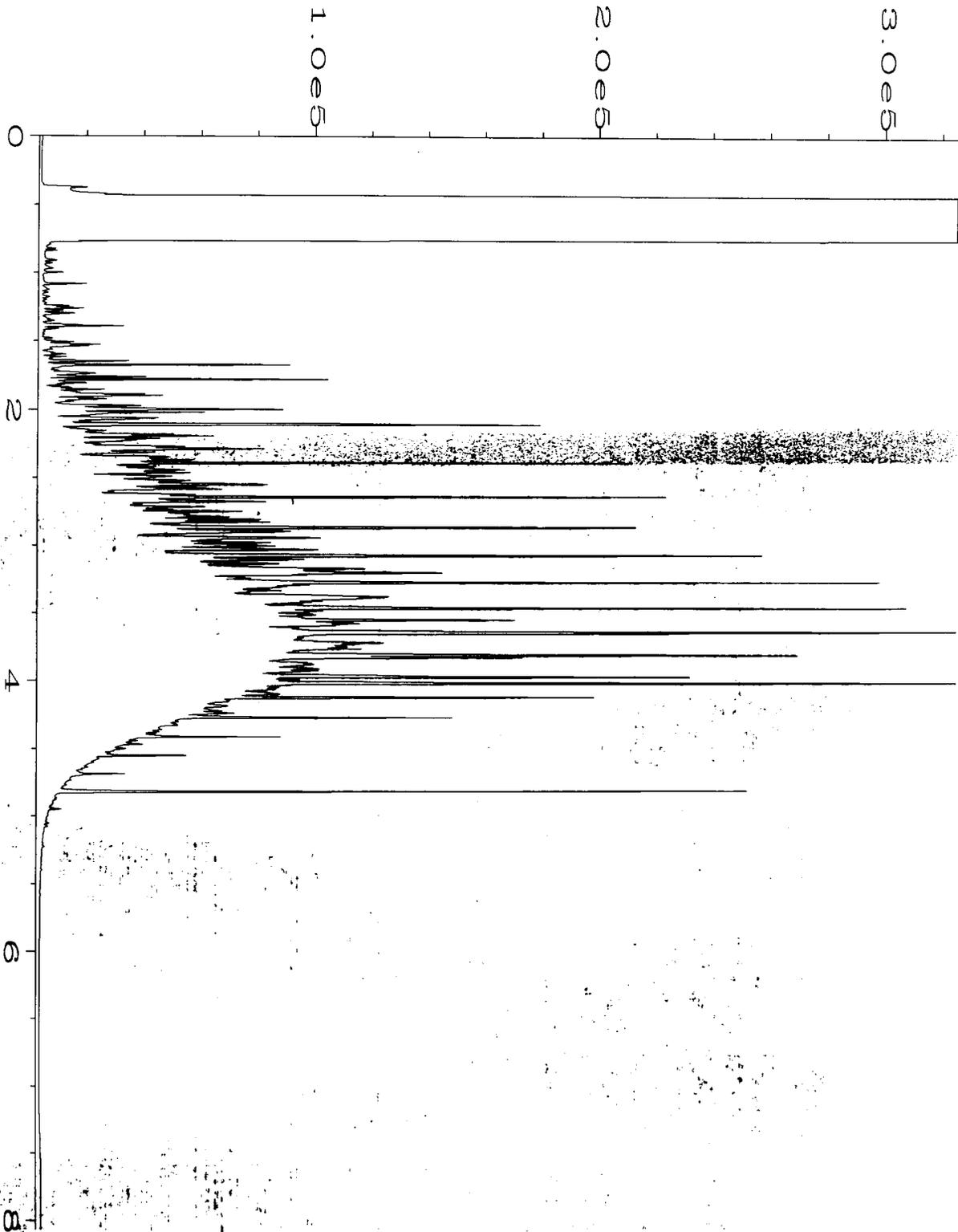
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\4\DATA\01-22-15\025F0701.D	Page Number	: 1
Operator	: sp	Vial Number	: 25
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 501294-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 22 Jan 15 03:37 PM	Analysis Method	: DX.MTH
Report Created on:	23 Jan 15 08:51 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-22-15\006F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 05-152 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on:	22 Jan 15 09:32 AM	Analysis Method	: DX.MTH
Report Created on:	23 Jan 15 08:51 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-22-15\005F0601.D	Page Number	: 1
Operator	: sp	Vial Number	: 5
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 1000 Dx 44-94B	Sequence Line	: 6
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 22 Jan 15 03:24 PM	Analysis Method	: DX.MTH
Report Created on:	23 Jan 15 08:51 AM		

501294

SAMPLE CHAIN OF CUSTODY

ME 01-22-15

COI / V&E

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Troy Laundry Property PO # 0731-004-05

REMARKS EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24-hr

Rush charges authorized by: P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
W12-27	W12	27	01A-D	1/22/15	0810	soil	4	X					
Y10-26	Y10	24	02A-E	1/22/15	0840	soil	5	X	X	X	X		
W10-26	W10	26	03A-D	1/22/15	0845	soil	4	X					
T5-25	T5	25	04A-E	1/22/15	1020	soil	5	X	X	X			
S5-30	S5	30	05A-D	1/22/15	1025	soil	4					/	
W6-25	W6	25	06T	1/22/15	1030	soil	4	X					
YE-25	YE	25	07	1/22/15	1035	soil	4	X					
XE-25	XE	25	08	1/22/15	1040	soil	4					X	
								1/22/15					

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: <u>[Signature]</u>	Courtney Porter	SoundEarth	1/22/15	1315
Received by: <u>[Signature]</u>	Michael Edell	Fluor	↓	↓
Relinquished by:				
Received by:				
			Samples received at <u>4</u> °C	

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

January 27, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 23, 2015 from the SOU_0731-004-05_20150123, F&BI 501324 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0127R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 23, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150123, F&BI 501324 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
501324 -01

SoundEarth Strategies
O15-35

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/23/15

Project: SOU_0731-004-05_20150123, F&BI 501324

Date Extracted: 01/23/15

Date Analyzed: 01/23/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
O15-35 501324-01	<2	94
Method Blank 05-0129 MB	<2	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/23/15

Project: SOU_0731-004-05_20150123, F&BI 501324

Date Extracted: 01/23/15

Date Analyzed: 01/23/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
O15-35 501324-01	<50	<250	102
Method Blank 05-159 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	O15-35	Client:	SoundEarth Strategies
Date Received:	01/23/15	Project:	SOU_0731-004-05_20150123, F&BI 501324
Date Extracted:	01/23/15	Lab ID:	501324-01
Date Analyzed:	01/23/15	Data File:	012313.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150123, F&BI 501324
Date Extracted:	01/23/15	Lab ID:	05-0111 mb
Date Analyzed:	01/23/15	Data File:	012306.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/23/15

Project: SOU_0731-004-05_20150123, F&BI 501324

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501161-30 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	110	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/23/15

Project: SOU_0731-004-05_20150123, F&BI 501324

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

Laboratory Code: 501320-01 (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	92	93	64-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	94	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 01/27/15

Date Received: 01/23/15

Project: SOU_0731-004-05_20150123, F&BI 501324

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501306-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	56	55	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	70	67	10-176	4
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	71	74	10-160	4
Methylene chloride	mg/kg (ppm)	2.5	<0.5	89	90	10-156	1
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	80	79	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	83	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	90	87	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	91	87	12-160	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	83	82	10-156	1
Benzene	mg/kg (ppm)	2.5	0.027	77	76	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	81	81	21-139	0
Toluene	mg/kg (ppm)	2.5	0.66	74 b	70 b	35-130	6 b
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	67	69	20-133	3
Ethylbenzene	mg/kg (ppm)	2.5	0.71	78 b	75 b	32-137	4 b
m,p-Xylene	mg/kg (ppm)	5	4.6	80 b	70 b	34-136	13 b
o-Xylene	mg/kg (ppm)	2.5	2.8	89 b	75 b	33-134	17 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	79	22-139
Chloroethane	mg/kg (ppm)	2.5	84	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	99	47-128
Methylene chloride	mg/kg (ppm)	2.5	103	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	98	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	101	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	105	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	103	62-131
Benzene	mg/kg (ppm)	2.5	93	68-114
Trichloroethene	mg/kg (ppm)	2.5	99	64-117
Toluene	mg/kg (ppm)	2.5	93	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	98	72-114
Ethylbenzene	mg/kg (ppm)	2.5	98	64-123
m,p-Xylene	mg/kg (ppm)	5	99	78-122
o-Xylene	mg/kg (ppm)	2.5	101	77-124

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

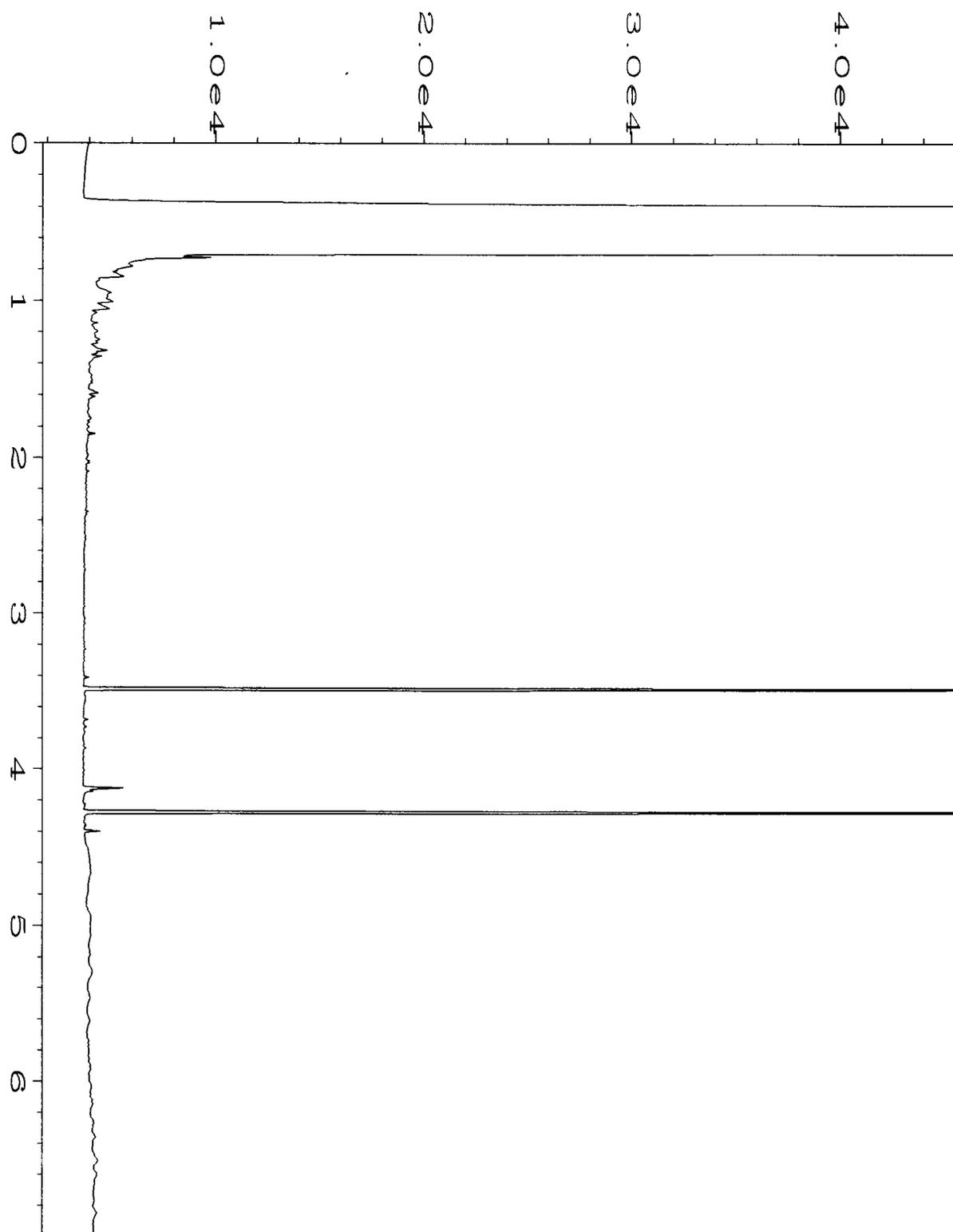
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

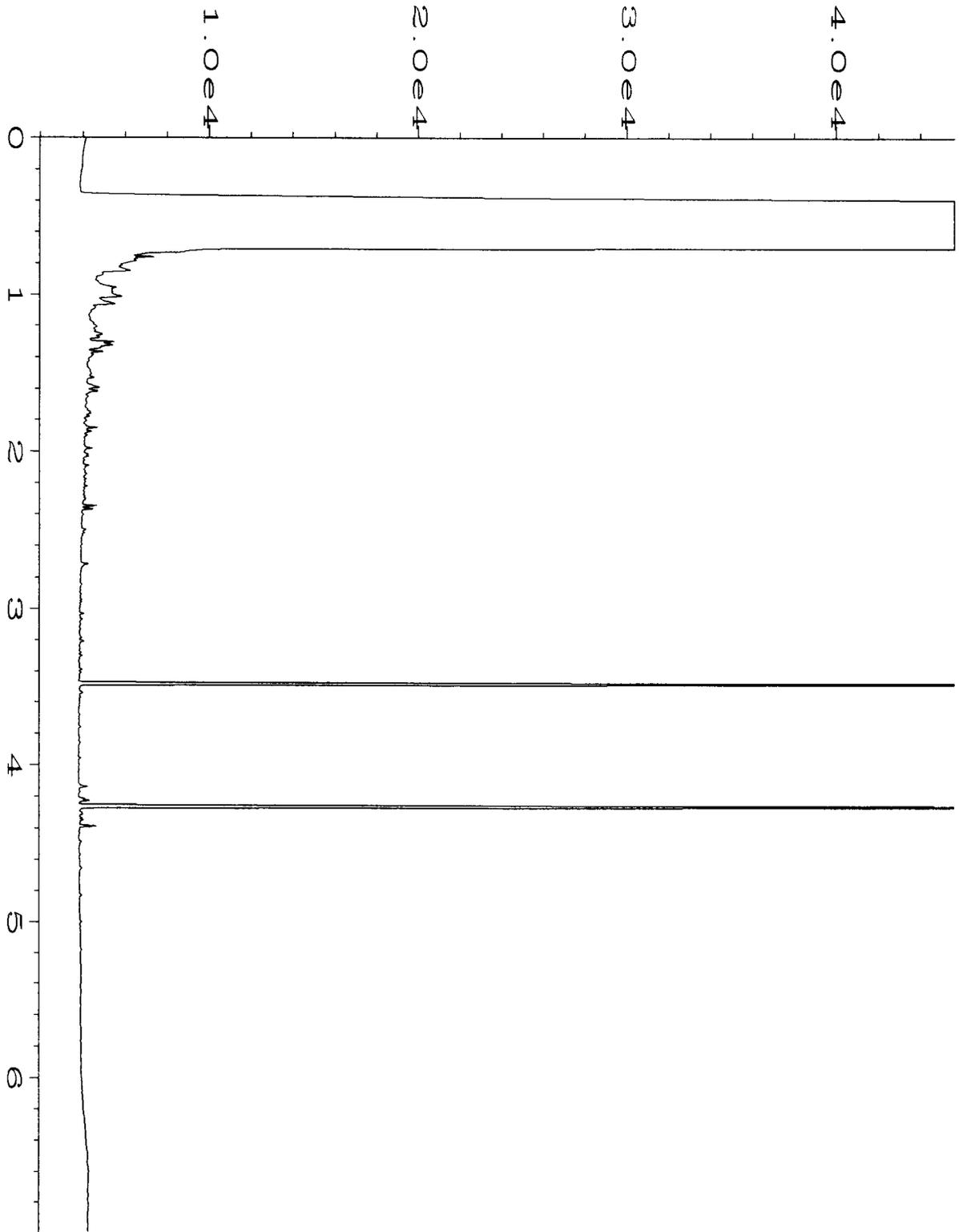
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

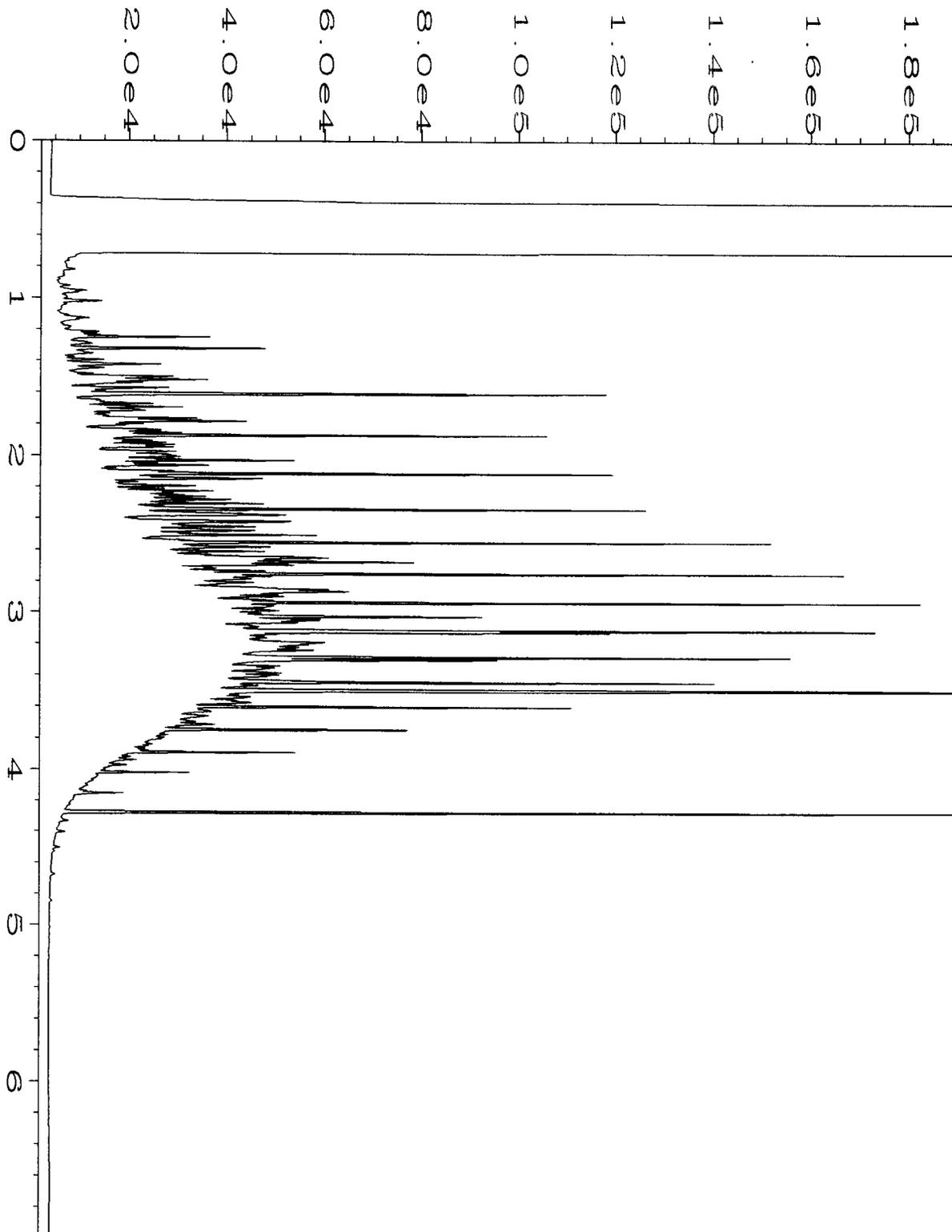
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\6\DATA\01-23-15\031F0501.D	Page Number	: 1
Operator	: sp	Vial Number	: 31
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 501324-01	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 23 Jan 15 04:02 PM	Analysis Method	: DX.MTH
Report Created on:	26 Jan 15 09:11 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-23-15\015F0301.D	Page Number	: 1
Operator	: sp	Vial Number	: 15
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 05-159 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 23 Jan 15 12:12 PM	Analysis Method	: DX.MTH
Report Created on:	26 Jan 15 09:10 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-23-15\003F0201.D	Page Number	: 1
Operator	: sp	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 23 Jan 15 08:40 AM	Analysis Method	: DX.MTH
Report Created on:	26 Jan 15 09:09 AM		

SAMPLE CHAIN OF CUSTODY

501324

MG 01/23/15

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. <p style="text-align: center;">Troy Laundry Property</p>	PO # <p style="text-align: center;">0731-004-05</p>	TURNAROUND TIME Standard (2 Weeks) * RUSH <u>24 HRS</u> Rush charges authorized by: <u>Pete Kingston</u>
REMARKS	EIM Y	

SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
015-35	015	35'	015	1/23/15	1200	SOIL	5	X	X	X	X	

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:	JONATHAN LOEFFLER	SES	1/23/15	1324
Received by:	Matt Loeffler	FBI	1/23/15	1324
Relinquished by:				
Received by:				
Samples received at <u>4</u> °C				

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

February 2, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 26, 2015 from the SOU_0731-004-05_20150126, F&BI 501346 project. There are 13 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0202R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 26, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150126, F&BI 501346 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501346 -01	Q9-30
501346 -02	S9-30
501346 -03	U8-25
501346 -04	S9-25
501346 -05	Q9-25

The 8260C calibration standard failed the acceptance criteria for chloroethane. The data were flagged accordingly.

All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

Date Extracted: 01/26/15

Date Analyzed: 01/26/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
S9-25 501346-04	<2	84
Method Blank 05-0160 MB	<2	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

Date Extracted: 01/26/15

Date Analyzed: 01/26/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 48-168)
S9-25 501346-04	<50	<250	115
Method Blank 05-174 MB	<50	<250	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q9-30	Client:	SoundEarth Strategies
Date Received:	01/26/15	Project:	SOU_0731-004-05_20150126, F&BI 501346
Date Extracted:	01/26/15	Lab ID:	501346-01
Date Analyzed:	01/26/15	Data File:	012625.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-30	Client:	SoundEarth Strategies
Date Received:	01/26/15	Project:	SOU_0731-004-05_20150126, F&BI 501346
Date Extracted:	01/26/15	Lab ID:	501346-02
Date Analyzed:	01/26/15	Data File:	012628.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	62	142
Toluene-d8	101	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	S9-25	Client:	SoundEarth Strategies
Date Received:	01/26/15	Project:	SOU_0731-004-05_20150126, F&BI 501346
Date Extracted:	01/26/15	Lab ID:	501346-04
Date Analyzed:	01/26/15	Data File:	012626.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Q9-25	Client:	SoundEarth Strategies
Date Received:	01/26/15	Project:	SOU_0731-004-05_20150126, F&BI 501346
Date Extracted:	01/26/15	Lab ID:	501346-05
Date Analyzed:	01/26/15	Data File:	012627.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150126, F&BI 501346
Date Extracted:	01/26/15	Lab ID:	05-0176 mb
Date Analyzed:	01/26/15	Data File:	012624.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	62	142
Toluene-d8	100	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5 ca
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501282-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	110	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

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

Laboratory Code: 501333-02 (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	100	99	73-135	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501346-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	50	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	67	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	75	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	84	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	85	86	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	91	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	89	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	88	10-156	1
Benzene	mg/kg (ppm)	2.5	<0.03	81	82	29-129	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	89	21-139	3
Toluene	mg/kg (ppm)	2.5	<0.05	82	83	35-130	1
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	85	20-133	1
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	86	87	32-137	1
m,p-Xylene	mg/kg (ppm)	5	<0.1	86	88	34-136	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	89	92	33-134	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	63	22-139
Chloroethane	mg/kg (ppm)	2.5	79	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	98	62-131
Benzene	mg/kg (ppm)	2.5	91	68-114
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Toluene	mg/kg (ppm)	2.5	90	66-126
Tetrachloroethene	mg/kg (ppm)	2.5	97	72-114
Ethylbenzene	mg/kg (ppm)	2.5	94	64-123
m,p-Xylene	mg/kg (ppm)	5	95	78-122
o-Xylene	mg/kg (ppm)	2.5	98	77-124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/26/15

Project: SOU_0731-004-05_20150126, F&BI 501346

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501346-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	51	50	10-138	2
Chloroethane	mg/kg (ppm)	2.5	<0.5	65	67	10-176	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	74	75	10-160	1
Methylene chloride	mg/kg (ppm)	2.5	<0.5	84	84	10-156	0
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	81	14-137	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	85	86	19-140	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	91	25-135	3
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	89	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	87	88	10-156	1
Trichloroethene	mg/kg (ppm)	2.5	<0.02	86	89	21-139	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	85	20-133	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	63	22-139
Chloroethane	mg/kg (ppm)	2.5	79	10-163
1,1-Dichloroethene	mg/kg (ppm)	2.5	90	47-128
Methylene chloride	mg/kg (ppm)	2.5	96	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	93	67-127
1,1-Dichloroethane	mg/kg (ppm)	2.5	94	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	99	72-113
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	94	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	98	62-131
Trichloroethene	mg/kg (ppm)	2.5	96	64-117
Tetrachloroethene	mg/kg (ppm)	2.5	97	72-114

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

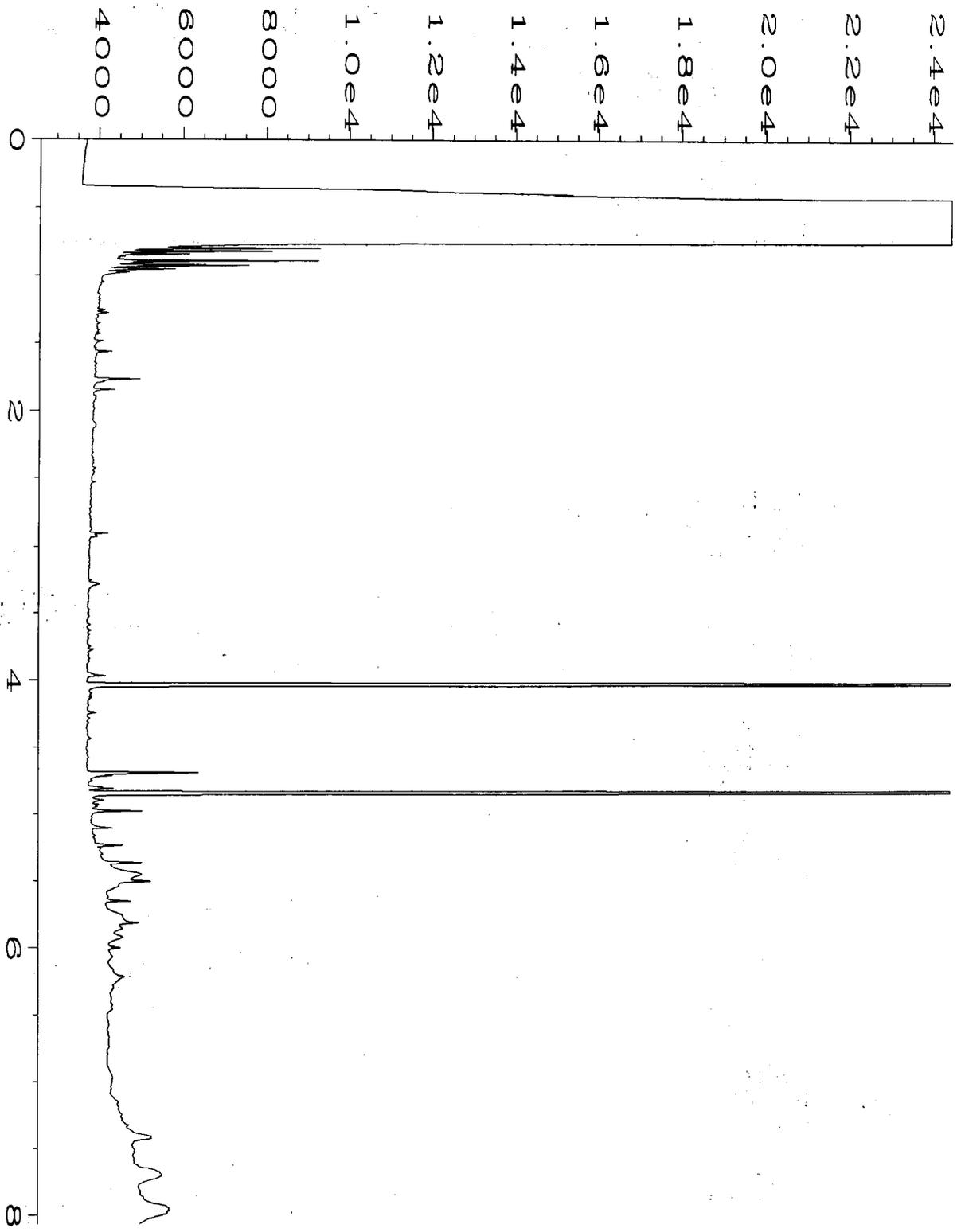
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

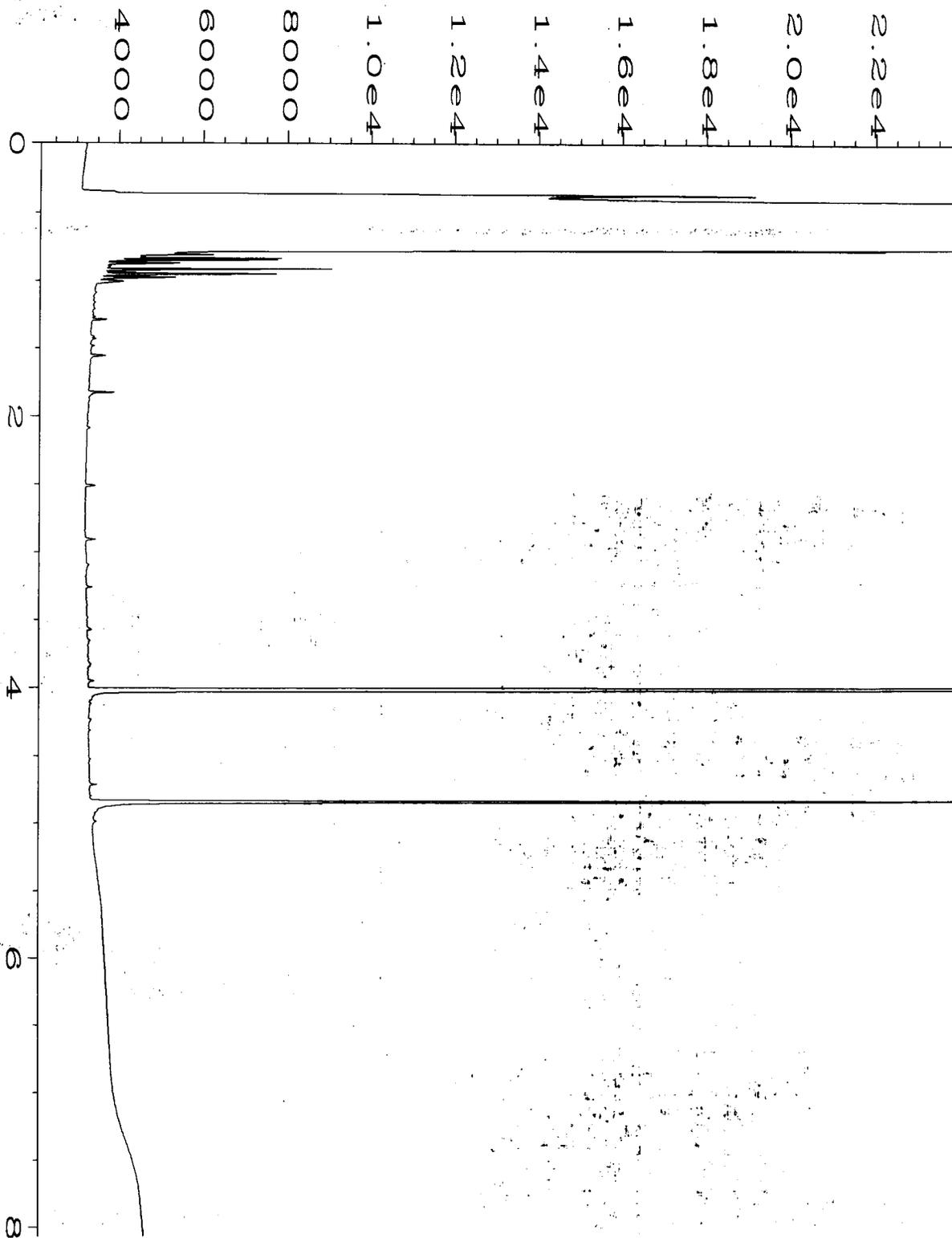
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

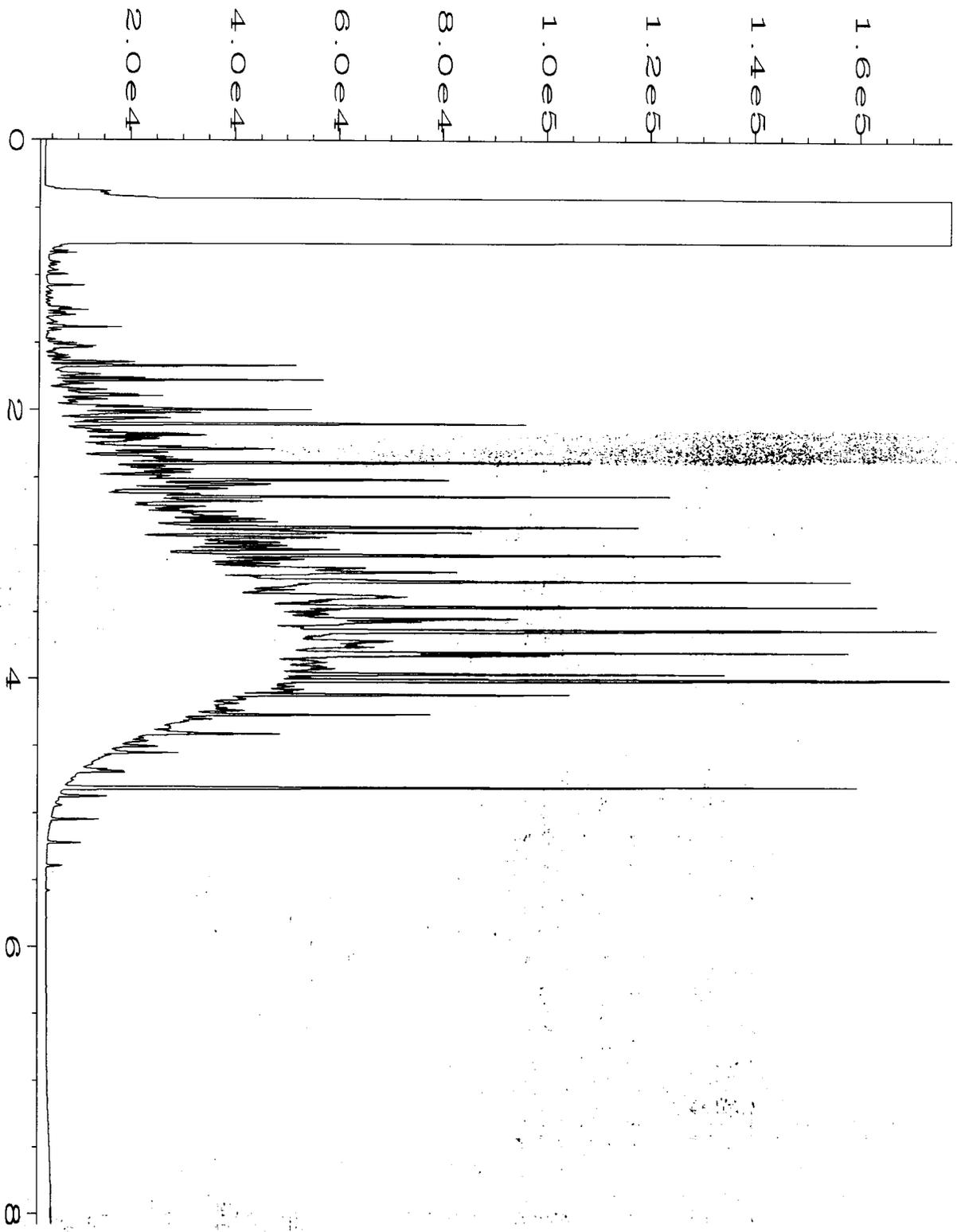
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\4\DATA\01-26-15\012F0501.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 12
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 501346-04	Sequence Line	: 5
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Jan 15 04:23 PM	Analysis Method	: DX.MTH
Report Created on:	27 Jan 15 08:55 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-26-15\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 05-174 mb	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Jan 15 10:57 AM	Analysis Method	: DX.MTH
Report Created on:	27 Jan 15 08:55 AM		



Data File Name	: C:\HPCHEM\4\DATA\01-26-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 26 Jan 15 09:25 AM	Analysis Method	: DX.MTH
Report Created on:	27 Jan 15 08:54 AM		

501346

SAMPLE CHAIN OF CUSTODY

ME 01/26/15

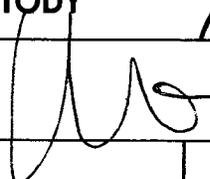
152/001

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

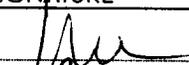
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8024B 8260	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
Q9-30	Q9	30	01 B	1/26/15	0935	Soil	4				*	* per CP
S9-30	S9	30	02	1/26/15	0940	Soil	4				*	m/26
U8-25	U8	25	03 K	1/26/15	0945	Soil	4				*	
Q9-25	Q9	25	04 E	1/26/15	1245	Soil	5	*	*	*	*	
Q9-25	Q9	25	05 D	1/26/15	1250	Soil	7				*	
Q9-25 1/26/15												
Sample received at 4 °C												

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: 	Courtney Porter	SoundEarth	1/26/15	1430
Received by: 	Knoff	FRP	1/26/15	1430
Relinquished by:				
Received by:				

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

February 2, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 28, 2015 from the SOU_0731-004-05_20150128, F&BI 501394 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0202R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 28, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150128, F&BI 501394 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501394 -01	AA7-30
501394 -02	BB6-30
501394 -03	Y6-26
501394 -04	AA7-26
501394 -05	BB6-26
501394 -06	EE6-26
501394 -07	DD5-26
501394 -08	CC9-30
501394 -09	CC9-26
501394 -10	DD6-25

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/28/15

Project: SOU_0731-004-05_20150128, F&BI 501394

Date Extracted: 01/28/15

Date Analyzed: 01/28/15 and 01/29/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
AA7-30 501394-01 1/5	14	95
AA7-26 501394-04	<2	92
DD5-26 501394-07	<2	89
CC9-30 501394-08 1/10	1,900	ip
CC9-26 501394-09	<2	94
DD6-25 501394-10	<2	95
Method Blank 05-0167 MB	<2	101

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/28/15

Project: SOU_0731-004-05_20150128, F&BI 501394

Date Extracted: 01/29/15

Date Analyzed: 01/29/15

**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)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
DD6-25 501394-10	<50	<250	92
Method Blank 05-196 MB	<50	<250	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	DD6-25	Client:	SoundEarth Strategies
Date Received:	01/28/15	Project:	SOU_0731-004-05_20150128, F&BI 501394
Date Extracted:	01/28/15	Lab ID:	501394-10
Date Analyzed:	01/28/15	Data File:	012826.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	90	111
Toluene-d8	96	64	137
4-Bromofluorobenzene	96	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150128, F&BI 501394
Date Extracted:	01/28/15	Lab ID:	05-0177 mb
Date Analyzed:	01/28/15	Data File:	012825.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	90	111
Toluene-d8	99	64	137
4-Bromofluorobenzene	97	81	119

Compounds:	Concentration mg/kg (ppm)
Benzene	<0.03
Toluene	<0.05
Ethylbenzene	<0.05
m,p-Xylene	<0.1
o-Xylene	<0.05
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/28/15

Project: SOU_0731-004-05_20150128, F&BI 501394

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501394-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/28/15

Project: SOU_0731-004-05_20150128, F&BI 501394

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

Laboratory Code: 501382-04 (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	97	90	64-133	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	88	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/02/15

Date Received: 01/28/15

Project: SOU_0731-004-05_20150128, F&BI 501394

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 501394-10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	64	61	10-91	5
Chloroethane	mg/kg (ppm)	2.5	<0.5	75	73	10-101	3
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	81	77	11-103	5
Methylene chloride	mg/kg (ppm)	2.5	<0.5	102	98	14-128	4
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	89	85	13-112	5
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	92	89	23-115	3
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	91	87	25-120	4
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	96	92	22-124	4
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	93	91	27-112	2
Benzene	mg/kg (ppm)	2.5	<0.03	90	85	26-114	6
Trichloroethene	mg/kg (ppm)	2.5	<0.02	88	85	30-112	3
Toluene	mg/kg (ppm)	2.5	<0.05	90	87	34-112	3
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	90	87	27-110	3
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	92	90	38-111	2
m,p-Xylene	mg/kg (ppm)	5	<0.1	94	92	38-112	2
o-Xylene	mg/kg (ppm)	2.5	<0.05	96	93	38-113	3

Laboratory Code: Laboratory Control Sample

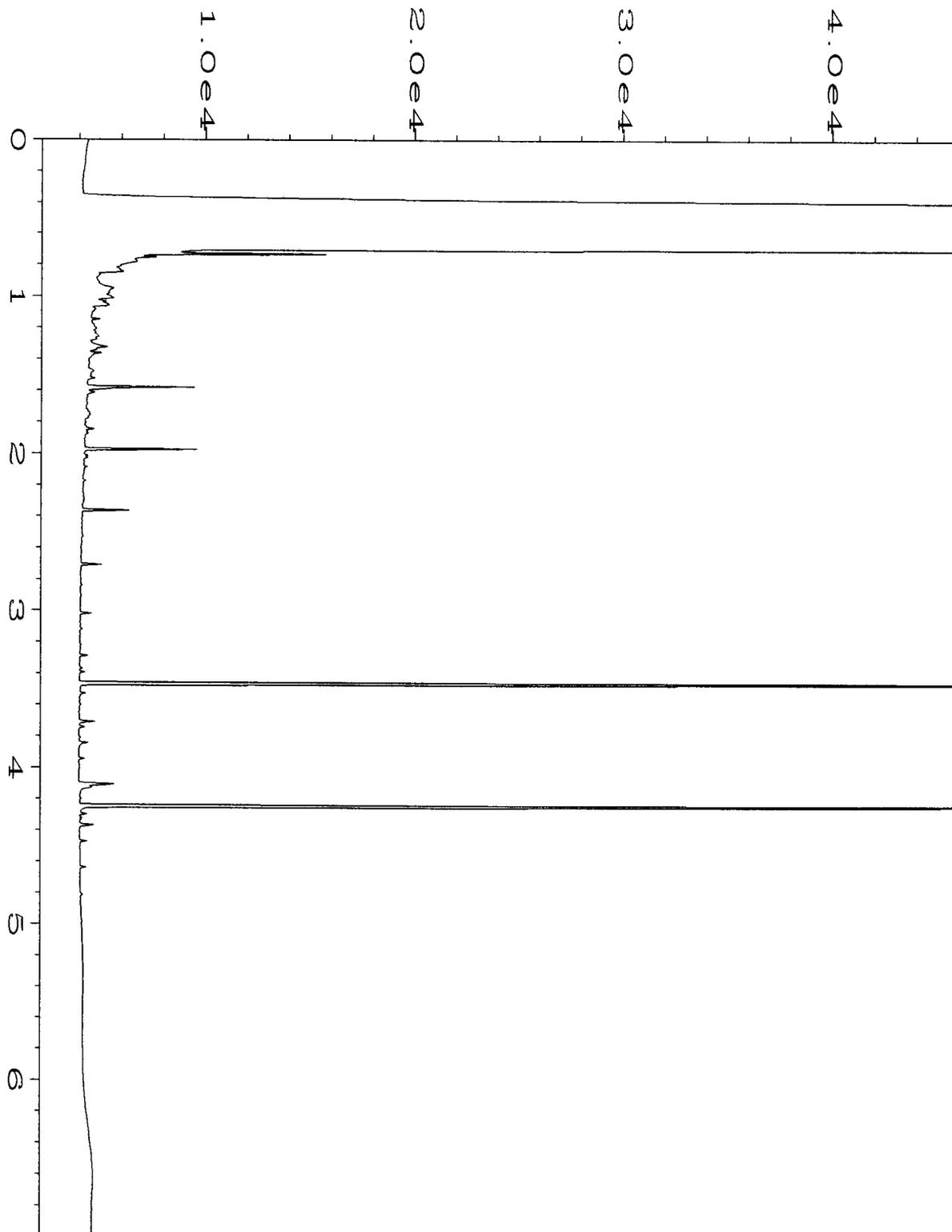
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	78	42-107
Chloroethane	mg/kg (ppm)	2.5	88	47-115
1,1-Dichloroethene	mg/kg (ppm)	2.5	92	65-110
Methylene chloride	mg/kg (ppm)	2.5	111	62-119
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	100	71-113
1,1-Dichloroethane	mg/kg (ppm)	2.5	100	76-109
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	98	77-110
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	101	80-109
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	103	72-116
Benzene	mg/kg (ppm)	2.5	96	75-107
Trichloroethene	mg/kg (ppm)	2.5	95	72-107
Toluene	mg/kg (ppm)	2.5	96	79-112
Tetrachloroethene	mg/kg (ppm)	2.5	96	77-110
Ethylbenzene	mg/kg (ppm)	2.5	99	81-114
m,p-Xylene	mg/kg (ppm)	5	101	82-115
o-Xylene	mg/kg (ppm)	2.5	103	81-116

FRIEDMAN & BRUYA, INC.

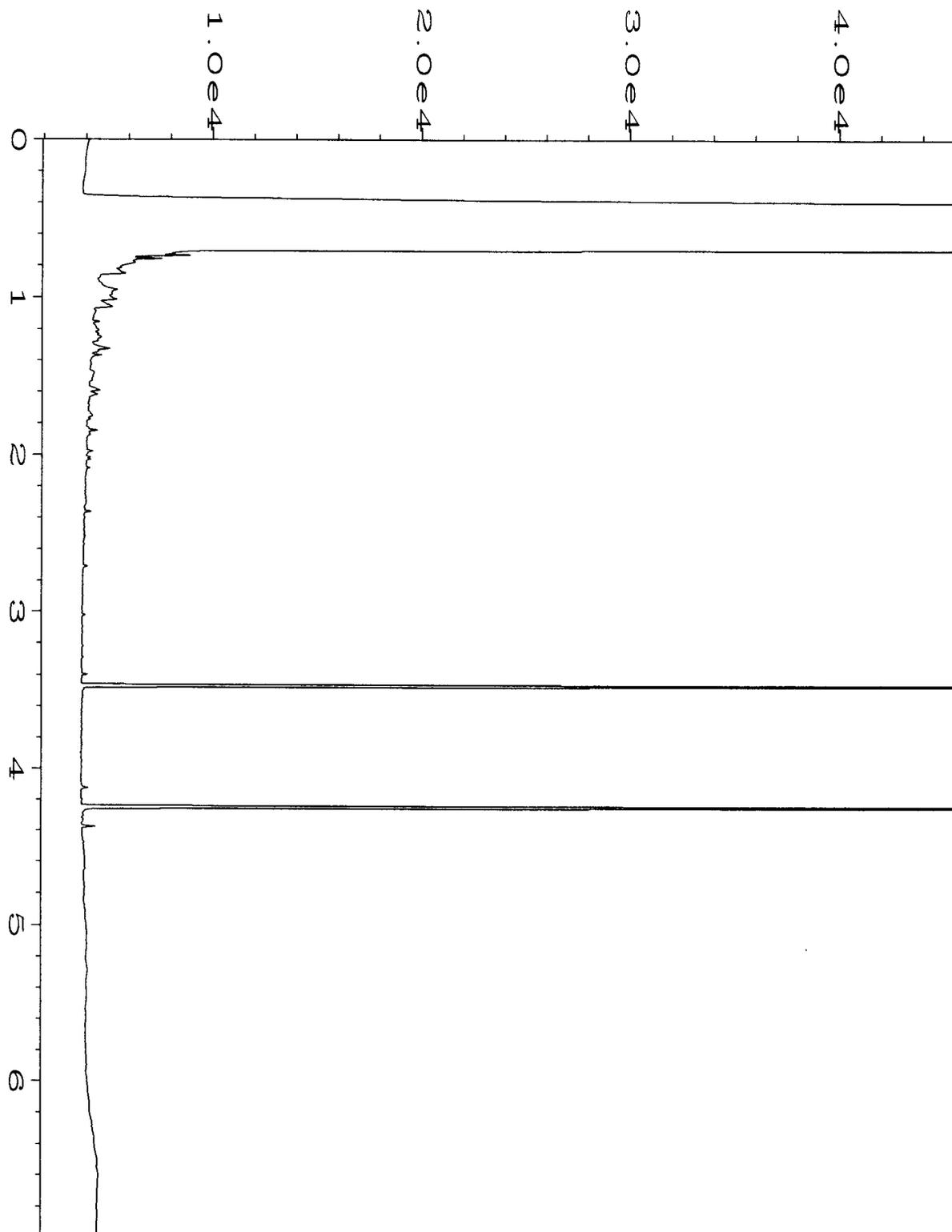
ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

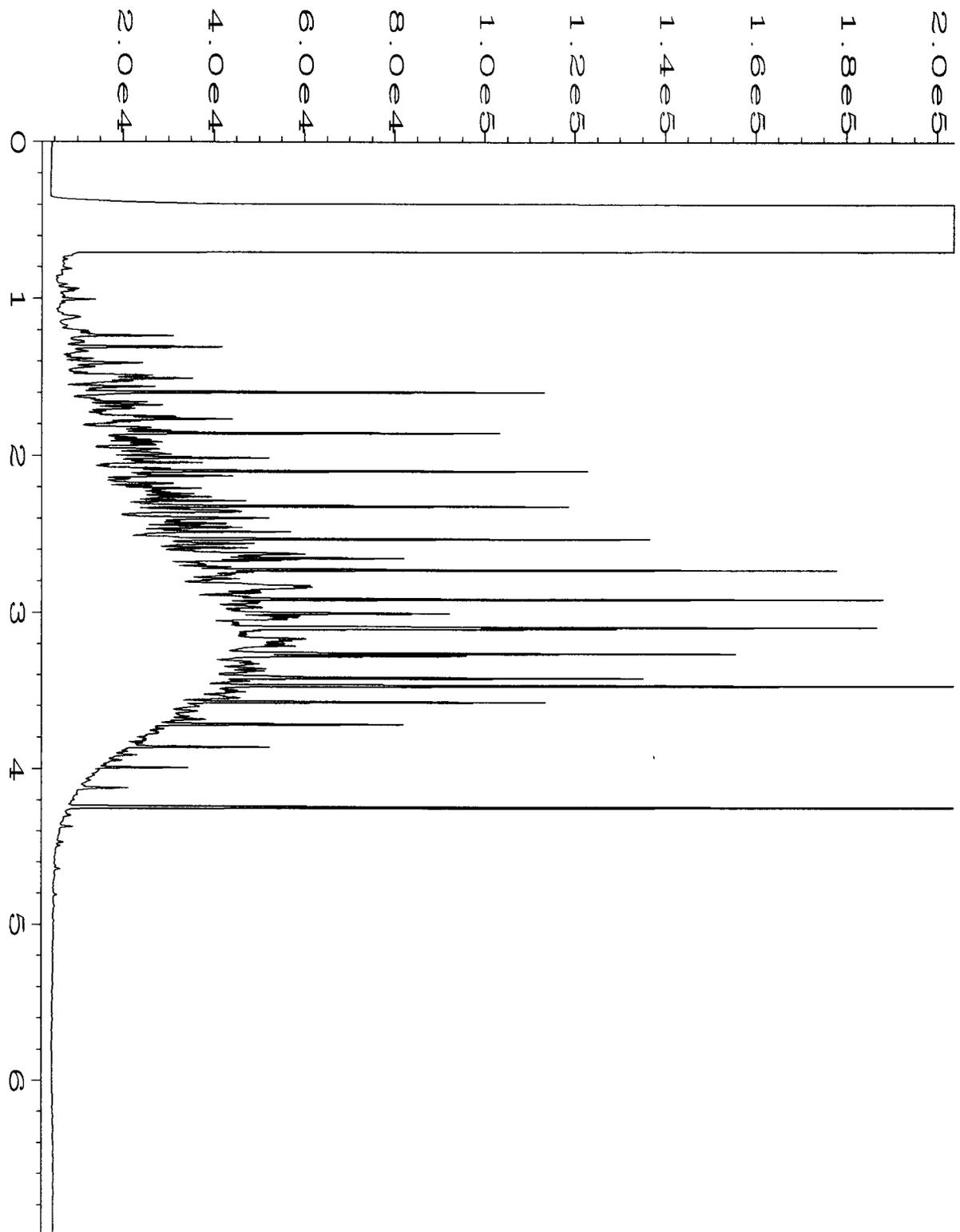
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.



Data File Name	: C:\HPCHEM\6\DATA\01-29-15\006F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 6
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 501394-10	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Jan 15 09:09 AM	Analysis Method	: DX.MTH
Report Created on:	29 Jan 15 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-28-15\031F0601.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 31
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 05-196 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 28 Jan 15 03:41 PM	Analysis Method	: DX.MTH
Report Created on:	29 Jan 15 09:39 AM		



Data File Name	: C:\HPCHEM\6\DATA\01-29-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 29 Jan 15 08:58 AM	Analysis Method	: DX.MTH
Report Created on:	29 Jan 15 09:39 AM		

501394

SAMPLE CHAIN OF CUSTODY

ME 01-28-15

VS3/CO2

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr
 Rush charges authorized by:
P. Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
A7-30	AAT	30	01A-D	1/28/15	0710	soil	4	X					
B6-30	BBC	30	02	1/28/15	0720	soil	4					X	
Y6-20	Y6	20	03	1/28/15	0740	soil	4					X	
A7-20	AAT	20	04	1/28/15	0745	soil	4	X					
B6-20	BBC	20	05	1/28/15	0755	soil	4					X	
E6-20	E6	20	06	1/28/15	0810	soil	4					X	
D6-20	D6	20	07	1/28/15	0820	soil	4	X					
C9-30	CC9	30	08	1/28/15	1105	soil	4	X					
C9-20	CC9	20	09	1/28/15	1115	soil	4	X					
DD6-25	DD6	25	10A-E	1/28/15	1340	soil	5	X	X	X	X		
								<i>[Signature]</i> 1/28/15					

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
<i>[Signature]</i>	Courtney Porter	SoundEarth	1/28/15	15:15
<i>[Signature]</i>	DOVO	F&B	"	15:15
		Samples received	2	

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

February 5, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on January 30, 2015 from the SOU_0731-004-05_20150130, F&BI 501447 project. There are 5 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in black ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0205R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on January 30, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150130, F&BI 501447 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
501447 -01	B15-37
501447 -02	C15-36
501447 -03	B15-33
501447 -04	B15-30
501447 -05	B15-29
501447 -06	C15-29
501447 -07	C16-29
501447 -08	D15-30
501447 -09	D16-31
501447 -10	B15-29
501447 -11	B14-30
501447 -12	C16-28.5

Sample B15-30 was not received at the laboratory.

Sample C16-29 was sent to Fremont for EPH/VPH analyses. The report generated by Fremont will be forwarded to your office upon receipt.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/05/15

Date Received: 01/30/15

Project: SOU_0731-004-05_20150130, F&BI 501447

Date Extracted: 01/30/15 and 02/02/15

Date Analyzed: 01/30/15 and 02/02/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 58-139)
B15-37 501447-01 1/10	430	129
B15-33 501447-03 1/20	3,700	ip
B15-29 501447-05	<2	95
C16-29 501447-07 1/20	1,700	ip
D15-30 501447-08	<2	99
D16-31 501447-09	<2	92
B14-30 501447-11	<2	94
C16-28.5 501447-12	<2	95
Method Blank 05-0205 MB	<2	94
Method Blank 05-0207 MB	<2	83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/05/15

Date Received: 01/30/15

Project: SOU_0731-004-05_20150130, F&BI 501447

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501447-12 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/05/15

Date Received: 01/30/15

Project: SOU_0731-004-05_20150130, F&BI 501447

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 501455-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	90	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

501447

SAMPLE CHAIN OF CUSTODY ME 01-30-15

1/33

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>Jonathan Loeffler</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24 hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	EPH/VPH	Notes	
B15-37	B15	37'	01 ^A -D	1/30/15	0745	SOIL	4	X							
C15-36	C15	36'	02		0800		4					X			
B15-33	B15	33'	03 ^A		0920		4	X							
B15-30	B15	30'	04		0935		4	X						* (copy) oil/sol do not recd	
B15-29	B15	29'	05 ^A -D		1000		4	0					X		
C15-29	C15	29'	06		1035		4						X	0-analyse per TL	
C16-29	C16	29'	07		1205		5	X						X	1/30/15 ms
D15-30	D15	30'	08		1210		4	X							
D16-31	D16	31'	09		1220		4	X							
B15-29	B15	29'	10		1235		4						X		
B14-30	B14	30'	11		1240		4	X							
C16-28.5	C16	28.5'	12		1305		4	X							

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: <i>Jonathan Loeffler</i>	JONATHAN LOEFFLER	SOUND EARTH	1/30/15	1540
Received by: <i>Pete Kingston</i>	Pete Kingston	FBI	1/30/15	1540
Relinquished by:				
Received by:		Samples returned to 2 °C		

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

February 9, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 4, 2015 from the SOU_0731-004-05_20150204, F&BI 502058 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0209R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 4, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150204, F&BI 502058 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
502058 -01	L9-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/09/15

Date Received: 02/04/15

Project: SOU_0731-004-05_20150204, F&BI 502058

Date Extracted: 02/04/15

Date Analyzed: 02/04/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
L9-30 502058-01	23	147
Method Blank 05-0210 MB	<2	114

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/09/15

Date Received: 02/04/15

Project: SOU_0731-004-05_20150204, F&BI 502058

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 502040-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

502058

SAMPLE CHAIN OF CUSTODY

ME 02/04/15

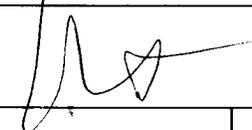
US1

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

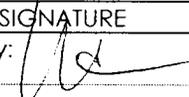
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME	
Standard (2 Weeks)	
<input checked="" type="checkbox"/> RUSH 24-hr	
Rush charges authorized by: P. Kingston	
SAMPLE DISPOSAL	
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes
L9-30	L9	30	01A-D	2/4/15	1200	soil	4	X				
CP 2/4/15												
Samples received at 4 °C												

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: 	Courtney Porter	SoundEarth	2/4/15	1425
Received by: 	Matt Lyden	FB Inc	2/4/15	1425
Relinquished by:				
Received by:				

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

February 11, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 6, 2015 from the SOU_0731-004-05_20150206, F&BI 502097 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0211R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 6, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150206, F&BI 502097 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
502097 -01	U13-30
502097 -02	T12-30

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/11/15

Date Received: 02/06/15

Project: SOU_0731-004-05_20150206, F&BI 502097

Date Extracted: 02/06/15

Date Analyzed: 02/06/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 58-139)
U13-30 502097-01	100	ip
Method Blank 05-0214 MB	<2	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/11/15

Date Received: 02/06/15

Project: SOU_0731-004-05_20150206, F&BI 502097

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 502099-10 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	80	61-153

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

602097

SAMPLE CHAIN OF CUSTODY

ME 2/6/15 VSI

Send Report to Pete Kingston, cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) <i>[Signature]</i>	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH 24-hr Rush charges authorized by: <u>P. Kingston</u>
<input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	HOLD	Notes
U13 30	U13	30	01 AD	2/6/15	0725	soil	4	X					
T12-30	T12	30	02 AD	2/6/15	0730	soil	4					X	
<i>[Large diagonal line across the table]</i>													
<i>[Handwritten: 90 2/6/15]</i>													
<i>[Stamp: Samples received at 8:00 AM]</i>													

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
<i>[Signature]</i>	Courtney Porter	SoundEarth	2/6/15	11:30
<i>[Signature]</i>	James Bruya	F&B	2/6/15	11:30
Relinquished by:				
Received by:				

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

February 13, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on February 11, 2015 from the SOU_0731-004-05_20150211, F&BI 502162 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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.

A handwritten signature in dark ink on a light-colored background, appearing to read "Michael Erdahl".

Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0213R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 11, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150211, F&BI 502162 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
502162 -01	U14-30
502162 -02	U13-29
502162 -03	BIN01-20150211

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/13/15

Date Received: 02/11/15

Project: SOU_0731-004-05_20150211, F&BI 502162

Date Extracted: 02/11/15

Date Analyzed: 02/11/15

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
U14-30 502162-01	<2	132
U13-29 502162-02	<2	137
Method Blank 05-0281 MB	<2	132

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	BIN01-20150211	Client:	SoundEarth Strategies
Date Received:	02/11/15	Project:	SOU_0731-004-05_20150211, F&BI 502162
Date Extracted:	02/11/15	Lab ID:	502162-03
Date Analyzed:	02/11/15	Data File:	021121.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	90	111
Toluene-d8	98	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150211, F&BI 502162
Date Extracted:	02/11/15	Lab ID:	05-0283 mb
Date Analyzed:	02/11/15	Data File:	021118.D
Matrix:	Soil	Instrument:	GCMS9
Units:	mg/kg (ppm) Dry Weight	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	90	111
Toluene-d8	95	64	137
4-Bromofluorobenzene	100	81	119

Compounds:	Concentration mg/kg (ppm)
Vinyl chloride	<0.05
Chloroethane	<0.5
1,1-Dichloroethene	<0.05
Methylene chloride	<0.5
trans-1,2-Dichloroethene	<0.05
1,1-Dichloroethane	<0.05
cis-1,2-Dichloroethene	<0.05
1,2-Dichloroethane (EDC)	<0.05
1,1,1-Trichloroethane	<0.05
Trichloroethene	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/13/15

Date Received: 02/11/15

Project: SOU_0731-004-05_20150211, F&BI 502162

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 502138-01 (Duplicate)

Analyte	Reporting Units	Sample Result (Wet Wt)	Duplicate Result (Wet Wt)	RPD (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	100	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/13/15

Date Received: 02/11/15

Project: SOU_0731-004-05_20150211, F&BI 502162

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 502161-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	46	10-91
Chloroethane	mg/kg (ppm)	2.5	<0.5	64	10-101
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	67	11-103
Methylene chloride	mg/kg (ppm)	2.5	<0.5	88	14-128
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	78	13-112
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	83	23-115
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	88	25-120
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	85	22-124
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	82	27-112
Trichloroethene	mg/kg (ppm)	2.5	0.028	84	30-112
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	84	27-110

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	mg/kg (ppm)	2.5	80	78	42-107	3
Chloroethane	mg/kg (ppm)	2.5	94	95	47-115	1
1,1-Dichloroethene	mg/kg (ppm)	2.5	97	95	65-110	2
Methylene chloride	mg/kg (ppm)	2.5	118	115	62-119	3
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	105	105	71-113	0
1,1-Dichloroethane	mg/kg (ppm)	2.5	105	106	76-109	1
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	109	109	77-110	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	106	103	80-109	3
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	105	104	72-116	1
Trichloroethene	mg/kg (ppm)	2.5	104	101	72-107	3
Tetrachloroethene	mg/kg (ppm)	2.5	105	102	77-110	3

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. 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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.
- 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.

502162

SAMPLE CHAIN OF CUSTODY ME 2/11/15 VSI

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS 	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH 24hr TAT
 Rush charges authorized by:
Pete Kingston

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Notes	
U14-30	U14	30'	01 A	2/11/15	0830	SOIL	4	X					
U13-29	U13	29'	02 A	2/11/15	0835	SOIL	4	X					
BIN01-20150211	BIN 01	N/A	03 A	2/11/15	1400	SOIL	4				X		
								2/11/15					

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:	JONATHAN LOEFFLER	SOUNDEARTH	2/11/15	1515
Received by:	Eric Bruya	FAB	2/11/15	1515
Relinquished by:				
Received by:		Samples received at		°C

Groundwater Reports

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 10, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the amended results from the testing of material submitted on May 6, 2015 from the SOU_0731-004-05_20150506, F&BI 505084 project. BTEX has been added to the 8260 results.

We apologize for the inconvenience and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures

c: Jonathan Loeffler, Courtney Porter
SOU0520R.DOC

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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(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

May 20, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on May 6, 2015 from the SOU_0731-004-05_20150506, F&BI 505084 project. There are 23 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0520R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 6, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150506, F&BI 505084 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
505084 -01	MW17-20150506
505084 -02	IW91-20150506
505084 -03	MW18-20150506
505084 -04	MW22-20150506
505084 -05	MW21-20150506
505084 -06	MW24-20150506
505084 -07	MW20-20150506

Samples MW18-20150506 and MW24-20150506 were sent to Fremont Analytical for nitrate, sulfate, alkalinity, ferrous iron, total organic carbon, and chloride analyses. The report is enclosed.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

Date Extracted: 05/07/15

Date Analyzed: 05/07/15

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
MW17-20150506 505084-01	<100	93
IW91-20150506 505084-02	<100	94
MW18-20150506 505084-03	<100	95
MW22-20150506 505084-04	<100	94
MW21-20150506 505084-05	<100	99
MW24-20150506 505084-06	<100	96
MW20-20150506 505084-07	<100	94
Method Blank 05-910 MB	<100	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

Date Extracted: 05/08/15

Date Analyzed: 05/08/15

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 51-134)
MW17-20150506 505084-01	<50	<250	84
IW91-20150506 505084-02	<50	<250	80
MW18-20150506 505084-03	<50	<250	80
MW22-20150506 505084-04	97 x	<250	86
MW21-20150506 505084-05	160 x	<250	81
MW24-20150506 505084-06	93 x	<250	93
MW20-20150506 505084-07	120 x	<250	83
Method Blank 05-931 MB	<50	<250	84

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW18-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/11/15	Lab ID:	505084-03
Date Analyzed:	05/11/15	Data File:	505084-03.040
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	86	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	91.9
Manganese	83.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW24-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/11/15	Lab ID:	505084-06
Date Analyzed:	05/11/15	Data File:	505084-06.045
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	87	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	71.4
Manganese	18.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/11/15	Lab ID:	I5-292 mb
Date Analyzed:	05/11/15	Data File:	I5-292 mb.038
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	<50
Manganese	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW17-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-01
Date Analyzed:	05/07/15	Data File:	050715.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	57	121
Toluene-d8	97	63	127
4-Bromofluorobenzene	98	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	2.2
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	IW91-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-02
Date Analyzed:	05/07/15	Data File:	050716.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW18-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-03
Date Analyzed:	05/07/15	Data File:	050717.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	5.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	46
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW22-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-04
Date Analyzed:	05/07/15	Data File:	050718.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	57	121
Toluene-d8	97	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	27
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	2.2
Tetrachloroethene	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW21-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-05
Date Analyzed:	05/07/15	Data File:	050719.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	57	121
Toluene-d8	99	63	127
4-Bromofluorobenzene	101	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	7.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	1.6
Tetrachloroethene	5.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW24-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-06
Date Analyzed:	05/07/15	Data File:	050720.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	102	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	0.26
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	72
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	31
Tetrachloroethene	2.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW20-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	505084-07
Date Analyzed:	05/07/15	Data File:	050721.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	97	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	1.5
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/07/15	Lab ID:	05-0900 mb
Date Analyzed:	05/07/15	Data File:	050714.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW18-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/13/15	Lab ID:	505084-03
Date Analyzed:	05/13/15	Data File:	006F0601.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW24-20150506	Client:	SoundEarth Strategies
Date Received:	05/06/15	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/13/15	Lab ID:	505084-06
Date Analyzed:	05/13/15	Data File:	008F0801.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150506, F&BI 505084
Date Extracted:	05/13/15	Lab ID:	05-0904 mb
Date Analyzed:	05/13/15	Data File:	005F0501.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 505084-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	100	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	90	92	58-134	2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 505084-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	91.9	103	106	56-160	3
Manganese	ug/L (ppb)	20	83.7	100 b	131 b	47-155	27 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	86	85-125
Manganese	ug/L (ppb)	20	99	89-123

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 505084-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	106	36-166
Chloroethane	ug/L (ppb)	50	<1	107	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	96	60-136
Methylene chloride	ug/L (ppb)	50	<5	109	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	105	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	103	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	100	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	101	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	99	60-146
Benzene	ug/L (ppb)	50	<0.35	99	76-125
Trichloroethene	ug/L (ppb)	50	<1	104	66-135
Toluene	ug/L (ppb)	50	<1	100	76-122
Tetrachloroethene	ug/L (ppb)	50	<1	99	10-226
Ethylbenzene	ug/L (ppb)	50	<1	99	69-135
m,p-Xylene	ug/L (ppb)	100	<2	100	69-135
o-Xylene	ug/L (ppb)	50	<1	102	60-140

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	104	107	50-154	3
Chloroethane	ug/L (ppb)	50	103	103	58-146	0
1,1-Dichloroethene	ug/L (ppb)	50	93	93	67-136	0
Methylene chloride	ug/L (ppb)	50	103	104	39-148	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	100	100	68-128	0
1,1-Dichloroethane	ug/L (ppb)	50	98	99	79-121	1
cis-1,2-Dichloroethene	ug/L (ppb)	50	96	97	80-123	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	97	99	73-132	2
1,1,1-Trichloroethane	ug/L (ppb)	50	99	99	83-130	0
Benzene	ug/L (ppb)	50	95	96	69-134	1
Trichloroethene	ug/L (ppb)	50	100	101	80-120	1
Toluene	ug/L (ppb)	50	95	97	72-122	2
Tetrachloroethene	ug/L (ppb)	50	97	98	76-121	1
Ethylbenzene	ug/L (ppb)	50	97	97	77-124	0
m,p-Xylene	ug/L (ppb)	100	97	97	83-125	0
o-Xylene	ug/L (ppb)	50	99	99	81-121	0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/06/15

Project: SOU_0731-004-05_20150506, F&BI 505084

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF
WATER SAMPLES FOR DISSOLVED GASSES
USING METHOD RSK 175**

Laboratory Code: 505084-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Methane	ug/L (ppb)	<5	<5	nm
Ethane	ug/L (ppb)	<10	<10	nm
Ethene	ug/L (ppb)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Methane	ug/L (ppb)	59	83	81	50-150	3
Ethane	ug/L (ppb)	110	73	71	50-150	3
Ethene	ug/L (ppb)	102	100	98	50-150	3

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
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May 21, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on May 7, 2015 from the SOU_0731-004-05_20150507, F&BI 505113 project. There are 24 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Courtney Porter, Jonathan Loeffler
SOU0521R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 7, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150507, F&BI 505113 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
505113 -01	MW23-20150507
505113 -02	MW19-20150507
505113 -03	IW06-20150507
505113 -04	MW25-20150507
505113 -05	MW99-20150507

Samples MW23-20150507, MW19-20150507, and MW25-20150507 were sent to Fremont Analytical for nitrate, sulfate, alkalinity, ferrous iron, total organic carbon, and chloride analyses. Review of the enclosed report indicates that all quality assurance were acceptable.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

Date Extracted: 05/08/15

Date Analyzed: 05/08/15

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 51-134)
MW23-20150507 505113-01	<100	91
MW19-20150507 505113-02	<100	92
IW06-20150507 505113-03	<100	98
MW25-20150507 505113-04	<100	93
MW99-20150507 505113-05	<100	97
Method Blank 05-0912 MB2	<100	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

Date Extracted: 05/11/15

Date Analyzed: 05/11/15

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

Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 47-140)
MW23-20150507 505113-01	<50	<250	88
MW19-20150507 505113-02	<50	<250	94
IW06-20150507 505113-03	<50	<250	97
MW25-20150507 505113-04	<50	<250	104
MW99-20150507 505113-05	<50	<250	109
Method Blank 05-950 MB	<50	<250	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW23-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/11/15	Lab ID:	505113-01
Date Analyzed:	05/11/15	Data File:	505113-01.052
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	88	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	262
Manganese	173

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW19-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/11/15	Lab ID:	505113-02
Date Analyzed:	05/11/15	Data File:	505113-02.053
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	84	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	156
Manganese	71.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW25-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/11/15	Lab ID:	505113-04 x10
Date Analyzed:	05/12/15	Data File:	505113-04 x10.076
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	107	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	1,850
Manganese	190

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/11/15	Lab ID:	I5-292 mb
Date Analyzed:	05/11/15	Data File:	I5-292 mb.038
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	<50
Manganese	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/11/15	Lab ID:	I5-292 mb
Date Analyzed:	05/12/15	Data File:	I5-292 mb.075
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	108	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	<50
Manganese	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW23-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	505113-01
Date Analyzed:	05/08/15	Data File:	050810.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	13
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	18
Tetrachloroethene	6.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW19-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	505113-02
Date Analyzed:	05/08/15	Data File:	050811.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	99	63	127
4-Bromofluorobenzene	101	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	15
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	69
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	IW06-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	505113-03
Date Analyzed:	05/08/15	Data File:	050812.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	101	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	13
Tetrachloroethene	6.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW25-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	505113-04
Date Analyzed:	05/08/15	Data File:	050813.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	5.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	68
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW99-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	505113-05
Date Analyzed:	05/08/15	Data File:	050814.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	57	121
Toluene-d8	99	63	127
4-Bromofluorobenzene	101	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	5.3
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	69
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/08/15	Lab ID:	05-0902 mb
Date Analyzed:	05/08/15	Data File:	050807.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW23-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/13/15	Lab ID:	505113-01
Date Analyzed:	05/13/15	Data File:	013F1301.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW19-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/13/15	Lab ID:	505113-02
Date Analyzed:	05/13/15	Data File:	014F1401.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW25-20150507	Client:	SoundEarth Strategies
Date Received:	05/07/15	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/13/15	Lab ID:	505113-04
Date Analyzed:	05/13/15	Data File:	015F1501.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150507, F&BI 505113
Date Extracted:	05/13/15	Lab ID:	05-0904 mb
Date Analyzed:	05/13/15	Data File:	005F0501.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 505101-23 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	69	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	81	90	61-133	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 505084-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	91.9	103	106	56-160	3
Manganese	ug/L (ppb)	20	83.7	100 b	131 b	47-155	27 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	86	85-125
Manganese	ug/L (ppb)	20	99	89-123

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 505113-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	109	36-166
Chloroethane	ug/L (ppb)	50	<1	106	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	94	60-136
Methylene chloride	ug/L (ppb)	50	<5	106	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	99	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	99	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	13	100 b	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	96	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	97	60-146
Benzene	ug/L (ppb)	50	<0.35	96	76-125
Trichloroethene	ug/L (ppb)	50	18	103 b	66-135
Toluene	ug/L (ppb)	50	<1	96	76-122
Tetrachloroethene	ug/L (ppb)	50	6.1	98	10-226
Ethylbenzene	ug/L (ppb)	50	<1	96	69-135
m,p-Xylene	ug/L (ppb)	100	<2	97	69-135
o-Xylene	ug/L (ppb)	50	<1	98	60-140

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	107	101	50-154	6
Chloroethane	ug/L (ppb)	50	104	101	58-146	3
1,1-Dichloroethene	ug/L (ppb)	50	94	92	67-136	2
Methylene chloride	ug/L (ppb)	50	106	104	39-148	2
trans-1,2-Dichloroethene	ug/L (ppb)	50	101	101	68-128	0
1,1-Dichloroethane	ug/L (ppb)	50	101	99	79-121	2
cis-1,2-Dichloroethene	ug/L (ppb)	50	98	97	80-123	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	98	96	73-132	2
1,1,1-Trichloroethane	ug/L (ppb)	50	102	100	83-130	2
Benzene	ug/L (ppb)	50	97	96	69-134	1
Trichloroethene	ug/L (ppb)	50	101	101	80-120	0
Toluene	ug/L (ppb)	50	98	97	72-122	1
Tetrachloroethene	ug/L (ppb)	50	100	98	76-121	2
Ethylbenzene	ug/L (ppb)	50	98	98	77-124	0
m,p-Xylene	ug/L (ppb)	100	100	99	83-125	1
o-Xylene	ug/L (ppb)	50	101	100	81-121	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/21/15

Date Received: 05/07/15

Project: SOU_0731-004-05_20150507, F&BI 505113

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF
WATER SAMPLES FOR DISSOLVED GASSES
USING METHOD RSK 175**

Laboratory Code: 505084-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Methane	ug/L (ppb)	<5	<5	nm
Ethane	ug/L (ppb)	<10	<10	nm
Ethene	ug/L (ppb)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Methane	ug/L (ppb)	59	83	81	50-150	3
Ethane	ug/L (ppb)	110	73	71	50-150	3
Ethene	ug/L (ppb)	102	100	98	50-150	3

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

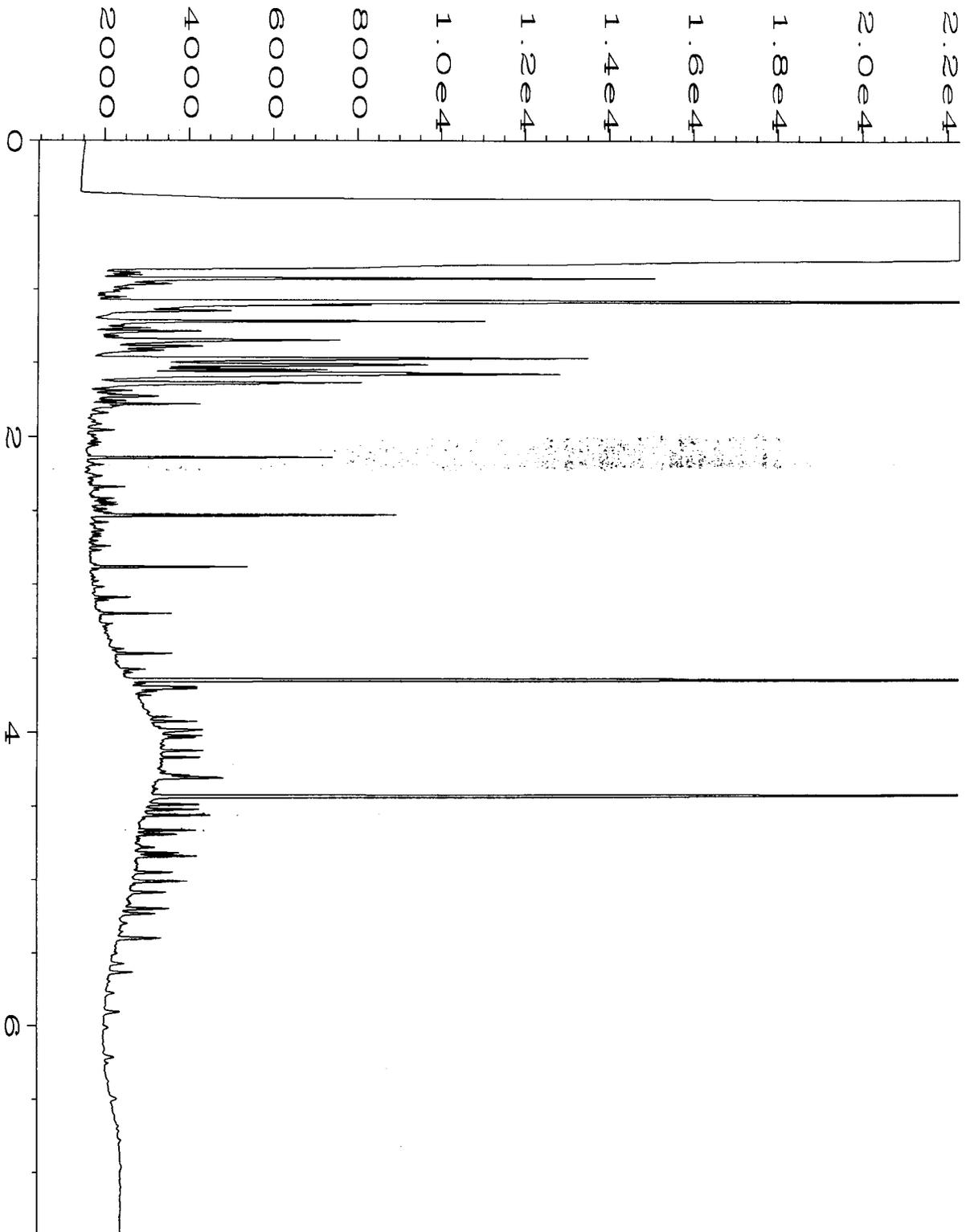
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

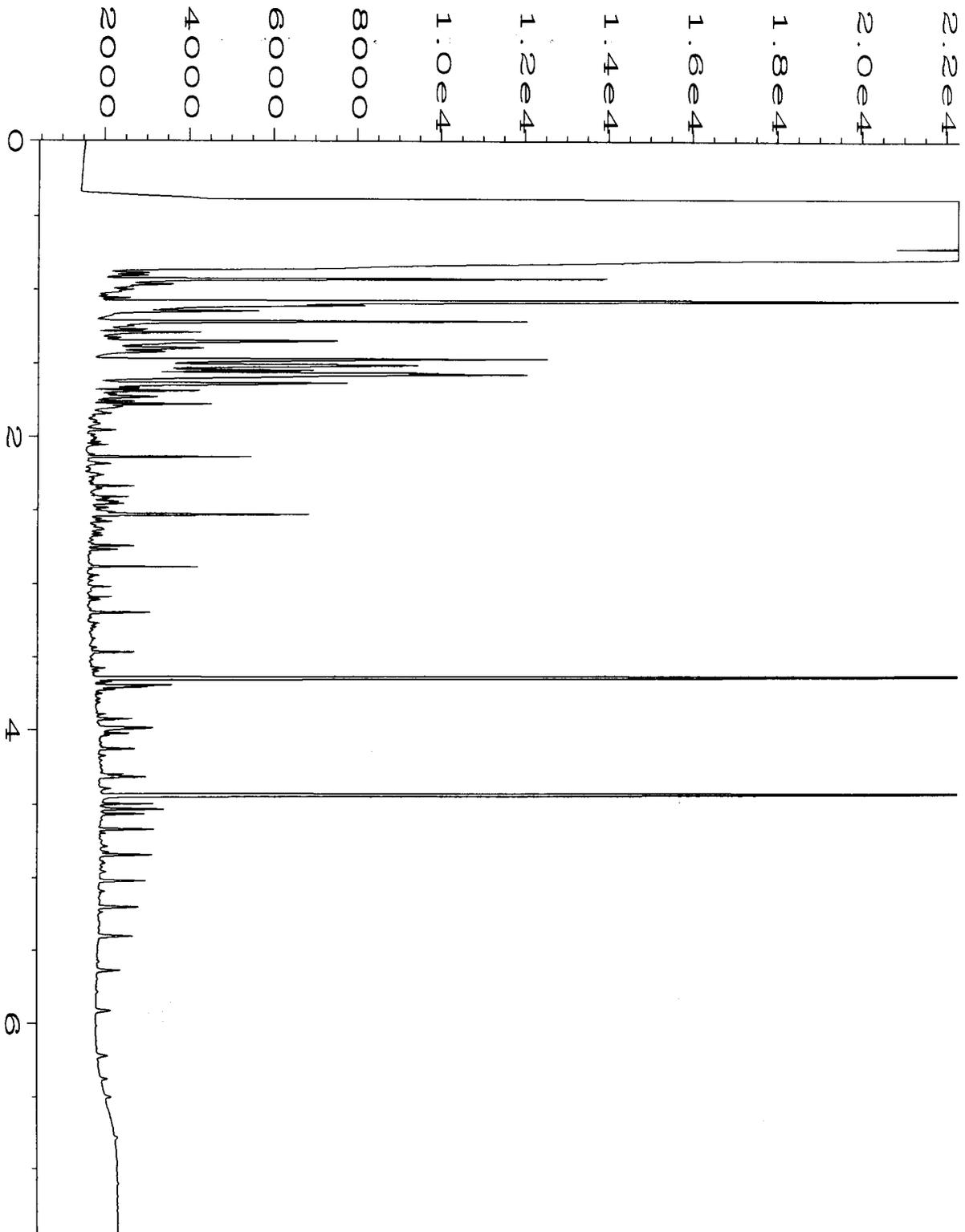
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

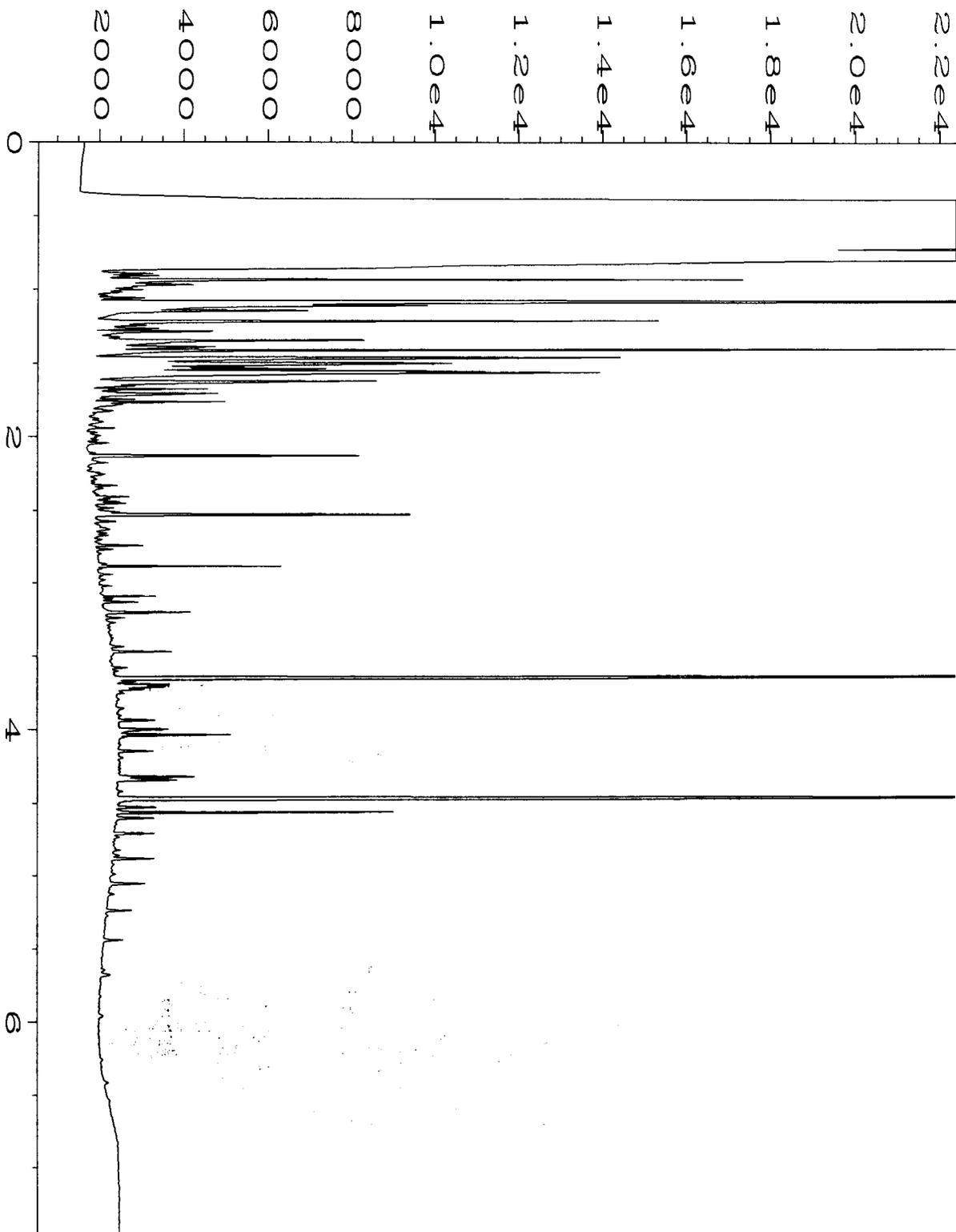
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



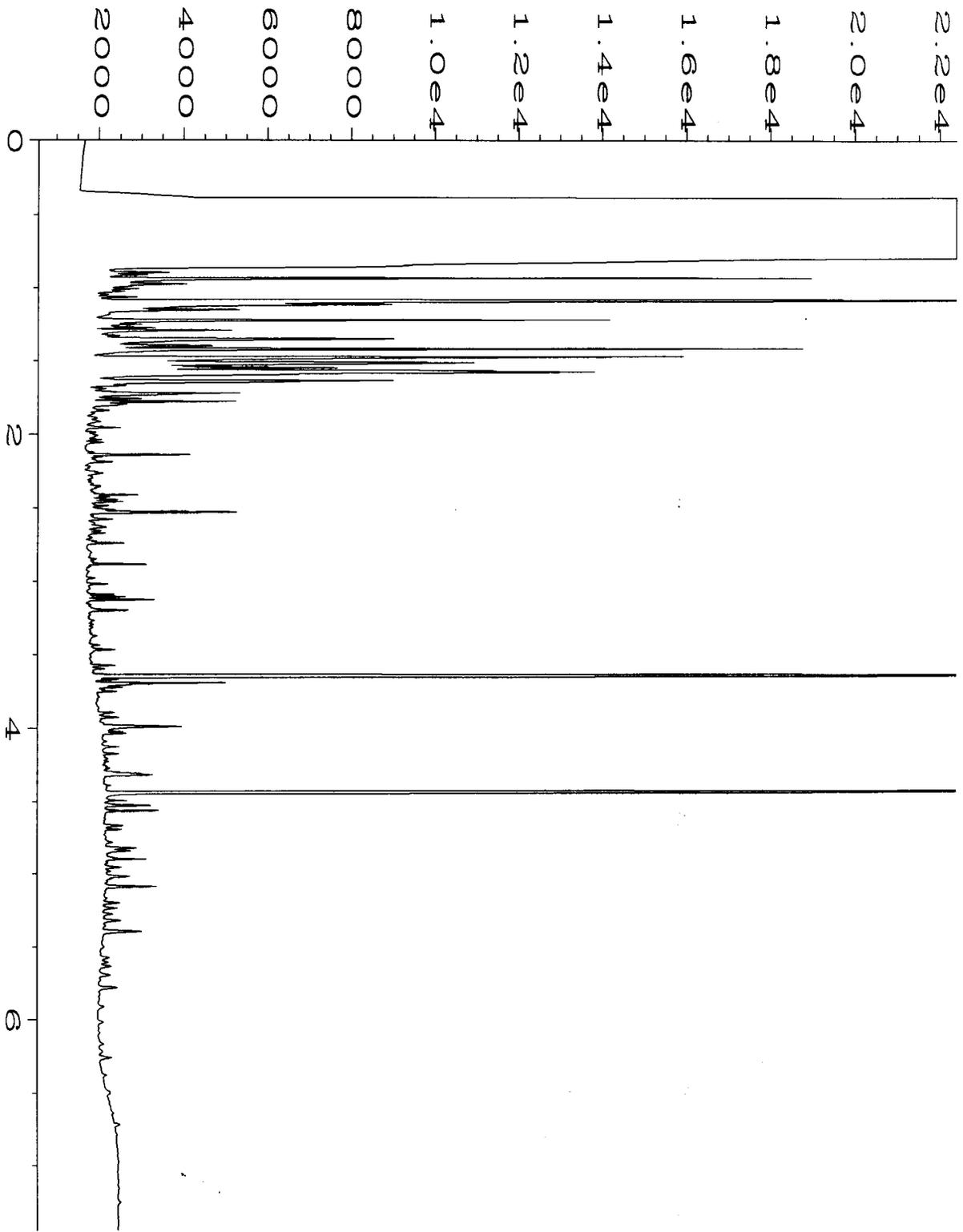
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\026F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 26
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505113-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 04:42 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:10 AM		



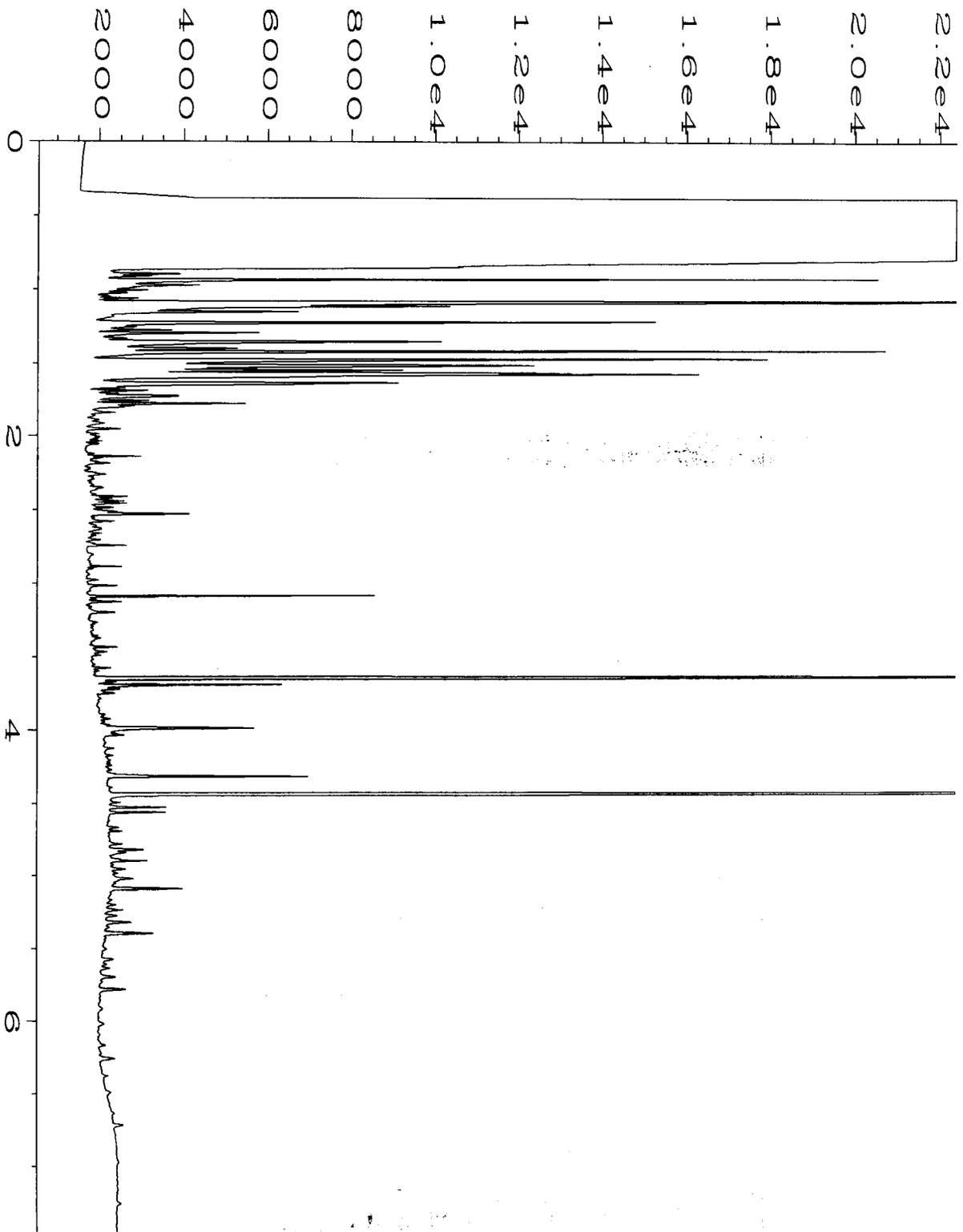
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\027F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 27
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505113-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 04:54 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:10 AM		



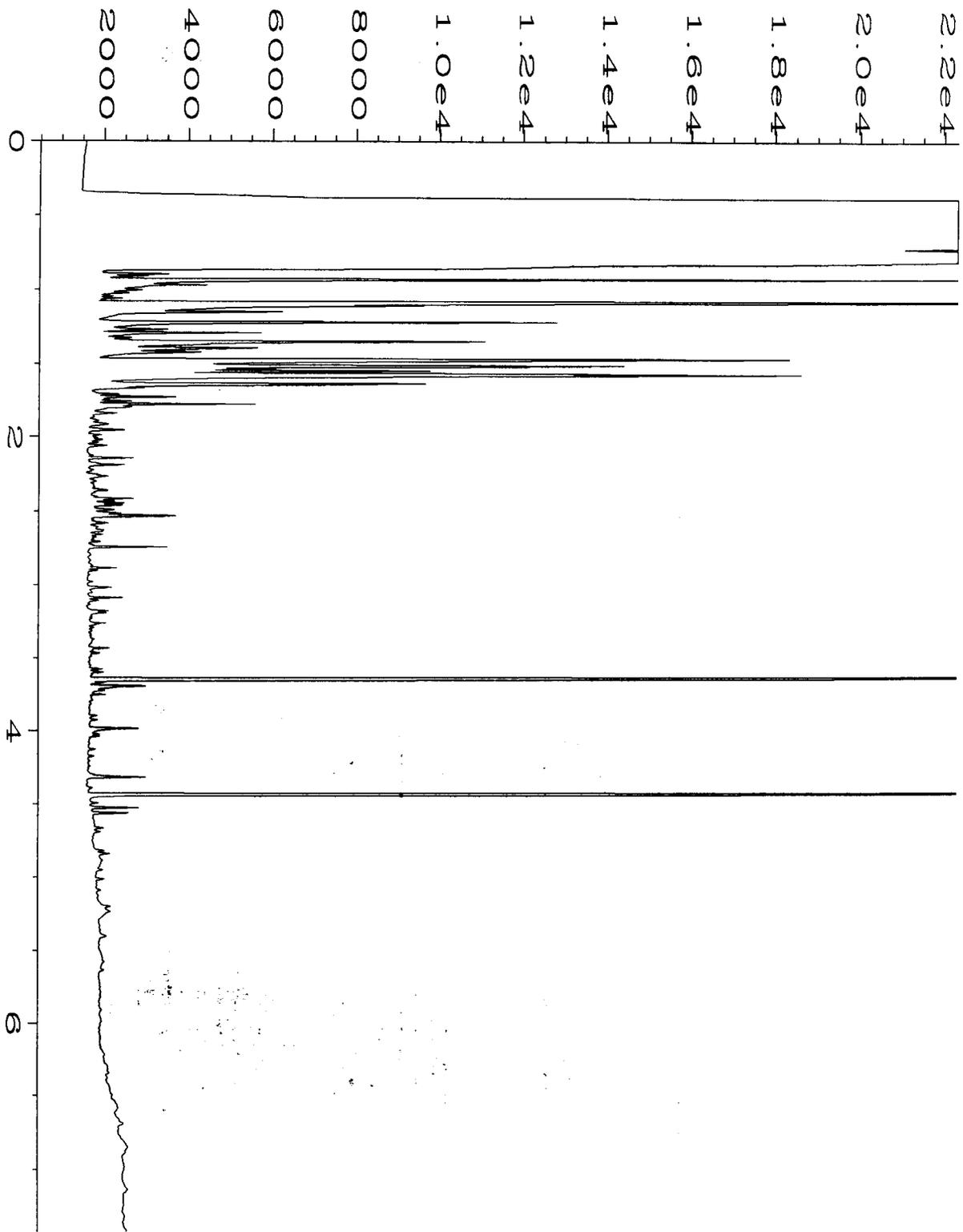
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\028F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 28
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505113-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 05:06 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:10 AM		



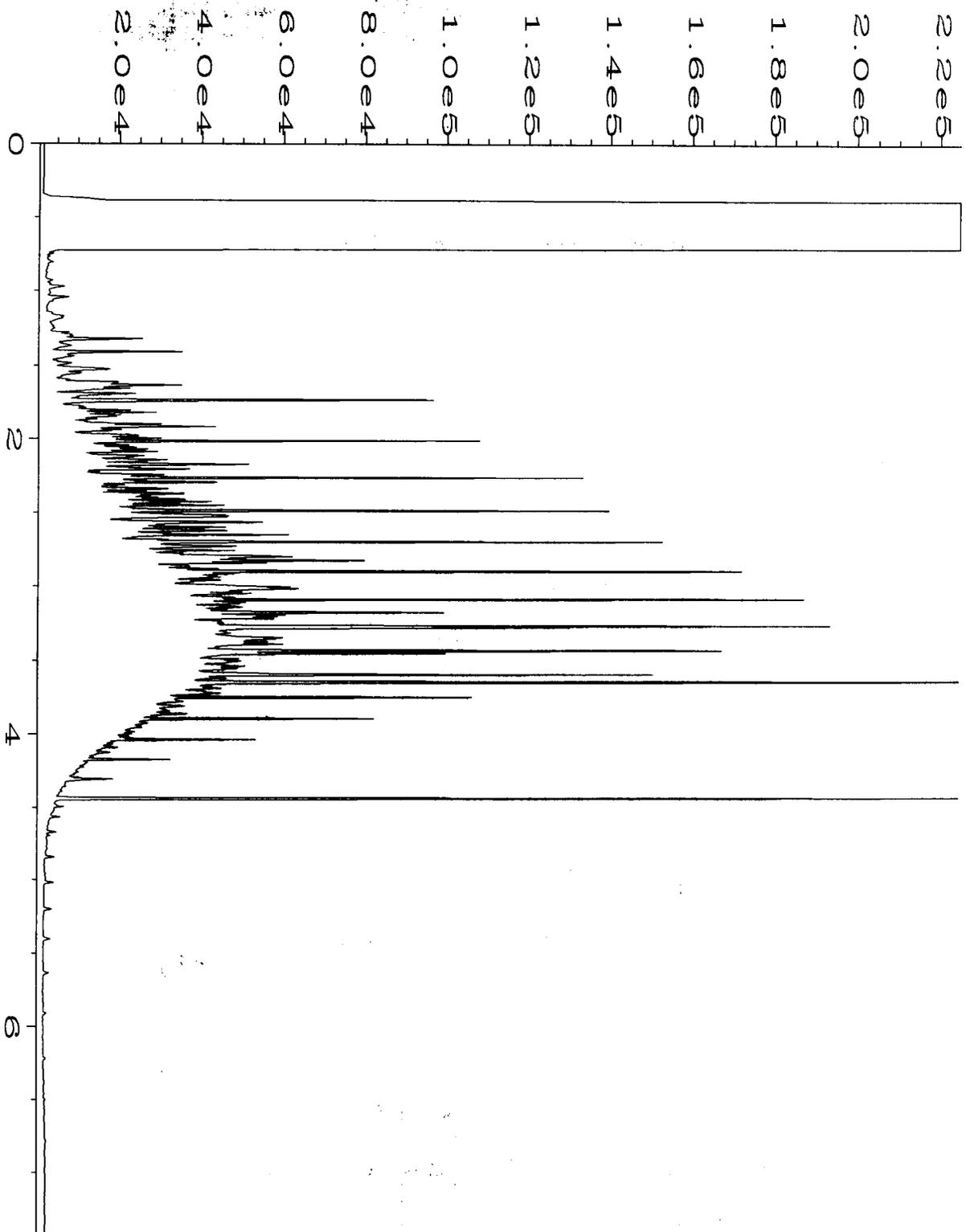
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\029F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 29
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505113-04	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 07:29 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:10 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\030F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 30
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505113-05	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 07:41 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:10 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\023F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 23
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 05-950 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 04:07 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 09:36 AM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



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Friedman & Bruya

Michael Erdahl
3012 16th Ave. W.
Seattle, WA 98119

RE: 505113

Lab ID: 1505062

May 15, 2015

Attention Michael Erdahl:

Fremont Analytical, Inc. received 3 sample(s) on 5/8/2015 for the analyses presented in the following report.

Ferrous Iron by SM3500-Fe B
Ion Chromatography by EPA Method 300.0
Total Alkalinity by SM 2320B
Total Organic Carbon by SM 5310C

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Ridgeway", written over a light blue horizontal line.

Mike Ridgeway
President



Date: 05/15/2015

CLIENT: Friedman & Bruya
Project: 505113
Lab Order: 1505062

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1505062-001	MW23-20150507	05/07/2015 8:50 AM	05/08/2015 8:23 AM
1505062-002	MW19-20150507	05/07/2015 9:40 AM	05/08/2015 8:23 AM
1505062-003	MW25-20150507	05/07/2015 2:55 PM	05/08/2015 8:23 AM

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

CLIENT: Friedman & Bruya

Project: 505113

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

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

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

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

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



Analytical Report

WO#: 1505062
 Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/7/2015 8:50:00 AM

Project: 505113

Lab ID: 1505062-001

Matrix: Water

Client Sample ID: MW23-20150507

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	30.9	1.00	D	mg/L	10	5/11/2015 4:21:00 PM
Nitrate	8.84	0.500	D	mg/L	5	5/8/2015 12:58:00 PM
Sulfate	49.2	3.00	D	mg/L	10	5/11/2015 4:21:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 5:10:28 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	106	5.00		mg/L	1	5/13/2015 2:30:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	0.0800	0.0300		mg/L	1	5/8/2015 9:45:58 AM
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Analytical Report

WO#: 1505062
Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/7/2015 9:40:00 AM

Project: 505113

Lab ID: 1505062-002

Matrix: Water

Client Sample ID: MW19-20150507

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	15.9	0.500	D	mg/L	5	5/11/2015 4:32:00 PM
Nitrate	4.98	0.500	D	mg/L	5	5/8/2015 1:08:00 PM
Sulfate	50.3	1.50	D	mg/L	5	5/11/2015 4:32:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 5:30:47 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	144	5.00		mg/L	1	5/13/2015 2:33:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	ND	0.0300		mg/L	1	5/8/2015 9:45:58 AM
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Analytical Report

WO#: 1505062
Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/7/2015 2:55:00 PM

Project: 505113

Lab ID: 1505062-003

Matrix: Water

Client Sample ID: MW25-20150507

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	21.8	1.00	D	mg/L	10	5/11/2015 4:42:00 PM
Nitrate	8.32	0.500	D	mg/L	5	5/8/2015 1:19:00 PM
Sulfate	56.7	3.00	D	mg/L	10	5/11/2015 4:42:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 5:50:49 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	112	5.00		mg/L	1	5/13/2015 2:36:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	0.190	0.0300	[RA]	mg/L	1	5/8/2015 9:45:58 AM
Ferrous Iron	0.420	0.0300		mg/L	1	5/8/2015 9:45:58 AM

NOTES:

RA - Indicates re-analysis with background correction for turbidity
Suspected turbidity interference.



Date: 5/15/2015

Work Order: 1505062
 CLIENT: Friedman & Bruya
 Project: 505113

QC SUMMARY REPORT
Total Alkalinity by SM 2320B

Sample ID MB-R22324	SampType: MBLK	Units: mg/L	Prep Date: 5/13/2015	RunNo: 22324							
Client ID: MBLKW	Batch ID: R22324	Analysis Date: 5/13/2015	SeqNo: 423591								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	5.00									

Sample ID LCS-R22324	SampType: LCS	Units: mg/L	Prep Date: 5/13/2015	RunNo: 22324							
Client ID: LCSW	Batch ID: R22324	Analysis Date: 5/13/2015	SeqNo: 423592								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	81.0	5.00	100.0	0	81.0	80	120				

Sample ID 1505045-001ADUP	SampType: DUP	Units: mg/L	Prep Date: 5/13/2015	RunNo: 22324							
Client ID: BATCH	Batch ID: R22324	Analysis Date: 5/13/2015	SeqNo: 423594								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	142	5.00						142.0	0	20	

Work Order: 1505062
 CLIENT: Friedman & Bruya
 Project: 505113

QC SUMMARY REPORT
Ferrous Iron by SM3500-Fe B

Sample ID MB-R22253	SampType: MBLK	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: MBLKW	Batch ID: R22253	Analysis Date: 5/8/2015	SeqNo: 422298								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron ND 0.0300

Sample ID LCS-R22253	SampType: LCS	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: LCSW	Batch ID: R22253	Analysis Date: 5/8/2015	SeqNo: 422299								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.00 0.0300 1.000 0 100 90 110

Sample ID 1505062-001BDUP	SampType: DUP	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: MW23-20150507	Batch ID: R22253	Analysis Date: 5/8/2015	SeqNo: 422301								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 0.0800 0.0300 0.08000 0 20

Sample ID 1505062-001BMS	SampType: MS	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: MW23-20150507	Batch ID: R22253	Analysis Date: 5/8/2015	SeqNo: 422302								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.15 0.0300 1.000 0.08000 107 85 115

Sample ID 1505062-001BMSD	SampType: MSD	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: MW23-20150507	Batch ID: R22253	Analysis Date: 5/8/2015	SeqNo: 422303								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.05 0.0300 1.000 0.08000 97.0 85 115 1.150 9.09 20

Work Order: 1505062
 CLIENT: Friedman & Bruya
 Project: 505113

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID	1505062-003ADUP	SampType:	DUP	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	MW25-20150507	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422939		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	21.7	1.00						21.76	0.465	20	D
Sulfate	56.5	3.00						56.71	0.318	20	D

Sample ID	1505062-003AMS	SampType:	MS	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	MW25-20150507	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422940		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	49.2	1.00	30.00	21.76	91.6	80	120				D
Sulfate	194	3.00	150.0	56.71	91.8	80	120				D

Sample ID	1505062-003AMSD	SampType:	MSD	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	MW25-20150507	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422941		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	49.7	1.00	30.00	21.76	93.1	80	120	49.24	0.878	20	D
Sulfate	197	3.00	150.0	56.71	93.3	80	120	194.3	1.18	20	D

Sample ID	MB-R22295	SampType:	MBLK	Units:	mg/L	Prep Date:	5/8/2015	RunNo:	22295		
Client ID:	MBLKW	Batch ID:	R22295			Analysis Date:	5/8/2015	SeqNo:	422944		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate	ND	0.100									
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Sample ID	LCS-R22295	SampType:	LCS	Units:	mg/L	Prep Date:	5/8/2015	RunNo:	22295		
Client ID:	LCSW	Batch ID:	R22295			Analysis Date:	5/8/2015	SeqNo:	422945		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate	2.17	0.100	2.250	0	96.7	90	110				
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Work Order: 1505062
CLIENT: Friedman & Bruya
Project: 505113

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID 1505062-001ADUP	SampType: DUP	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: MW23-20150507	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422951					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	8.97	0.500						7.868	13.1	20	D

Sample ID 1505062-001AMS	SampType: MS	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: MW23-20150507	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422952					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	24.3	0.500	15.00	7.868	110	80	120				D

Sample ID 1505062-001AMSD	SampType: MSD	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: MW23-20150507	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422953					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	26.7	0.500	15.00	7.868	125	80	120	24.31	9.25	20	DS



Date: 5/15/2015

Work Order: 1505062
 CLIENT: Friedman & Bruya
 Project: 505113

QC SUMMARY REPORT
Total Organic Carbon by SM 5310C

Sample ID 1505045-001CDUP	SampType: DUP	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424078					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	0.500						0		20	

Sample ID 1505045-001CMS	SampType: MS	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424079					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	3.35	0.500	2.500	0.4335	117	70	130				

Sample ID 1505045-001CMSD	SampType: MSD	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424080					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	3.28	0.500	2.500	0.4335	114	70	130	3.349	2.20	30	

Client Name: **FB**
 Logged by: **Clare Griggs**

Work Order Number: **1505062**
 Date Received: **5/8/2015 8:23:00 AM**

Chain of Custody

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

Log In

3. Coolers are present? Yes No NA
 4. Shipping container/cooler in good condition? Yes No
 5. Custody seals intact on shipping container/cooler? Yes No Not Required
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all coolers received at a temperature of >0°C to 10.0°C? Yes No NA
 8. Sample(s) in proper container(s)? Yes No
 9. Sufficient sample volume for indicated test(s)? Yes No
 10. Are samples properly preserved? Yes No
 11. Was preservative added to bottles? Yes No NA
 12. Is the headspace in the VOA vials? Yes No NA
 13. Did all samples containers arrive in good condition(unbroken)? Yes No
 14. Does paperwork match bottle labels? Yes No
 15. Are matrices correctly identified on Chain of Custody? Yes No
 16. Is it clear what analyses were requested? Yes No
 17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Client provided project name of 505113

Item Information

Item #	Temp °C	Condition
Cooler 1	4.5	Good
Cooler 2	9.5	Good
Sample 1	7.1	Good
Sample 2	8.8	Good

505113

SAMPLE CHA' OF CUSTODY

ME 05/07/15

A22/Edy/13

Send Report To Pete Kingston cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

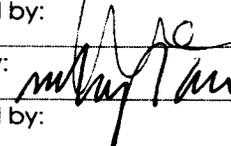
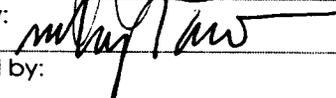
City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

TURNAROUND TIME <input checked="" type="checkbox"/> Standard (2 Weeks) RUSH _____ Rush charges authorized by:
SAMPLE DISPOSAL <input checked="" type="checkbox"/> 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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Nitrate and Sulfate by SM 1845	Alkalinity by SM 2320B	Methane, Ethane, and Ethene by RSK175	Total Mn and Total Fe by EPA 200.8	Ferrous Iron by SM 3500	TOC By EPA 415.1	Chloride By SM18 4500CL-C	Notes
MW23-20150507	MW23	46	01A	5/7/15	0850	Water	16	X	X	X	X	X	X	X	X	X	X	X	
MW19-20150507	MW19	45	02A		0940	Water	16	X	X	X	X	X	X	X	X	X	X	X	
IWell-20150507	IWell	37.5	03A		1010	Water	8	X	X	X	X								HOLD analysis
MW25-20150507	MW25	45.5	04A		1455	Water	16	X	X	X	X	X	X	X	X	X	X	X	per CP 5/11/15 MS
MW29-20150507	MW29	45.5	05A		1500	Water	8	X	X	X	X								
GR 5/7/15																			

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: 	Courtney Porter	SoundEarth	5/7/15	16:45
Received by: 	Nhan Phan	FE BT	5/7/15	16:45
Relinquished by:				
Received by:				
Samples received at <u>4</u> °C				

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

May 20, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on May 8, 2015 from the SOU_0731-004-05_20150508, F&BI 505125 project. There are 27 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0520R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 8, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150508, F&BI 505125 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
505125 -01	IW04-20150508
505125 -02	MW04-20150508
505125 -03	MW07-20150508
505125 -04	MW16-20150508
505125 -05	MW15-20150508

Samples IW04-20150508, MW04-20150508, MW07-20150508, and MW16-20150508 were sent to Fremont Analytical for nitrate, sulfate, alkalinity, ferrous iron, total organic carbon, and chloride analyses. The report is enclosed.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

Date Extracted: 05/08/15 and 05/11/15

Date Analyzed: 05/08/15 and 05/11/15

**FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
IW04-20150508 505125-01	<100	96
MW04-20150508 505125-02	<100	95
MW07-20150508 505125-03	<100	94
MW16-20150508 505125-04	<100	91
MW15-20150508 505125-05	<100	90
Method Blank 05-913 MB	<100	94
Method Blank 05-934 MB	<100	91

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

Date Extracted: 05/11/15

Date Analyzed: 05/11/15

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

Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 47-140)
IW04-20150508 505125-01	<50	<250	95
MW04-20150508 505125-02	<50	<250	108
MW07-20150508 505125-03	<50	<250	105
MW16-20150508 505125-04	150 x	<250	102
MW15-20150508 505125-05	<50	<250	115
Method Blank 05-950 MB	<50	<250	87

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	IW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	505125-01
Date Analyzed:	05/11/15	Data File:	505125-01.048
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	88	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	230
Manganese	12.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	505125-02
Date Analyzed:	05/11/15	Data File:	505125-02.049
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	85	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	66.7
Manganese	3.32

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW07-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	505125-03
Date Analyzed:	05/11/15	Data File:	505125-03.050
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	86	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	82.5
Manganese	18.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW16-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	505125-04
Date Analyzed:	05/11/15	Data File:	505125-04.051
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	87	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	488
Manganese	484

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	I5-292 mb
Date Analyzed:	05/11/15	Data File:	I5-292 mb.038
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	<50
Manganese	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	IW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	505125-01
Date Analyzed:	05/08/15	Data File:	050823.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	1.9
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	15
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	505125-02
Date Analyzed:	05/08/15	Data File:	050824.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	4.2
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	13
Tetrachloroethene	1.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW07-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	505125-03
Date Analyzed:	05/08/15	Data File:	050825.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	4.8
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	15
Tetrachloroethene	2.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW16-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	505125-04
Date Analyzed:	05/08/15	Data File:	050826.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	104	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	2.8
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	660 ve
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	7.6
Tetrachloroethene	7.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW16-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/11/15	Lab ID:	505125-04 1/10
Date Analyzed:	05/11/15	Data File:	051105.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	104	57	121
Toluene-d8	97	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<3.5
Toluene	<10
Ethylbenzene	<10
m,p-Xylene	<20
o-Xylene	<10
Vinyl chloride	2.1
Chloroethane	<10
1,1-Dichloroethene	<10
Methylene chloride	<50
trans-1,2-Dichloroethene	<10
1,1-Dichloroethane	<10
cis-1,2-Dichloroethene	640
1,2-Dichloroethane (EDC)	<10
1,1,1-Trichloroethane	<10
Trichloroethene	<10
Tetrachloroethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW15-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	505125-05
Date Analyzed:	05/08/15	Data File:	050827.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	6.5
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/08/15	Lab ID:	05-0902 mb
Date Analyzed:	05/08/15	Data File:	050807.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	57	121
Toluene-d8	98	63	127
4-Bromofluorobenzene	100	60	133

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	IW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/13/15	Lab ID:	505125-01
Date Analyzed:	05/13/15	Data File:	009F0901.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW04-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/13/15	Lab ID:	505125-02
Date Analyzed:	05/13/15	Data File:	010F1001.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW07-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/13/15	Lab ID:	505125-03
Date Analyzed:	05/13/15	Data File:	011F1101.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW16-20150508	Client:	SoundEarth Strategies
Date Received:	05/08/15	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/13/15	Lab ID:	505125-04
Date Analyzed:	05/13/15	Data File:	012F1201.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150508, F&BI 505125
Date Extracted:	05/13/15	Lab ID:	05-0904 mb
Date Analyzed:	05/13/15	Data File:	005F0501.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Gasoline	ug/L (ppb)	1,000	103	102	69-134	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 505125-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	99	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	81	90	61-133	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 505084-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	91.9	103	106	56-160	3
Manganese	ug/L (ppb)	20	83.7	100 b	131 b	47-155	27 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	86	85-125
Manganese	ug/L (ppb)	20	99	89-123

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 505113-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	109	36-166
Chloroethane	ug/L (ppb)	50	<1	106	46-160
1,1-Dichloroethene	ug/L (ppb)	50	<1	94	60-136
Methylene chloride	ug/L (ppb)	50	<5	106	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	99	72-129
1,1-Dichloroethane	ug/L (ppb)	50	<1	99	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	50	13	100 b	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	96	69-133
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	97	60-146
Benzene	ug/L (ppb)	50	<0.35	96	76-125
Trichloroethene	ug/L (ppb)	50	18	103 b	66-135
Toluene	ug/L (ppb)	50	<1	96	76-122
Tetrachloroethene	ug/L (ppb)	50	6.1	98	10-226
Ethylbenzene	ug/L (ppb)	50	<1	96	69-135
m,p-Xylene	ug/L (ppb)	100	<2	97	69-135
o-Xylene	ug/L (ppb)	50	<1	98	60-140

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	107	101	50-154	6
Chloroethane	ug/L (ppb)	50	104	101	58-146	3
1,1-Dichloroethene	ug/L (ppb)	50	94	92	67-136	2
Methylene chloride	ug/L (ppb)	50	106	104	39-148	2
trans-1,2-Dichloroethene	ug/L (ppb)	50	101	101	68-128	0
1,1-Dichloroethane	ug/L (ppb)	50	101	99	79-121	2
cis-1,2-Dichloroethene	ug/L (ppb)	50	98	97	80-123	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	98	96	73-132	2
1,1,1-Trichloroethane	ug/L (ppb)	50	102	100	83-130	2
Benzene	ug/L (ppb)	50	97	96	69-134	1
Trichloroethene	ug/L (ppb)	50	101	101	80-120	0
Toluene	ug/L (ppb)	50	98	97	72-122	1
Tetrachloroethene	ug/L (ppb)	50	100	98	76-121	2
Ethylbenzene	ug/L (ppb)	50	98	98	77-124	0
m,p-Xylene	ug/L (ppb)	100	100	99	83-125	1
o-Xylene	ug/L (ppb)	50	101	100	81-121	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/08/15

Project: SOU_0731-004-05_20150508, F&BI 505125

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF
WATER SAMPLES FOR DISSOLVED GASSES
USING METHOD RSK 175**

Laboratory Code: 505084-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Methane	ug/L (ppb)	<5	<5	nm
Ethane	ug/L (ppb)	<10	<10	nm
Ethene	ug/L (ppb)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Methane	ug/L (ppb)	59	83	81	50-150	3
Ethane	ug/L (ppb)	110	73	71	50-150	3
Ethene	ug/L (ppb)	102	100	98	50-150	3

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

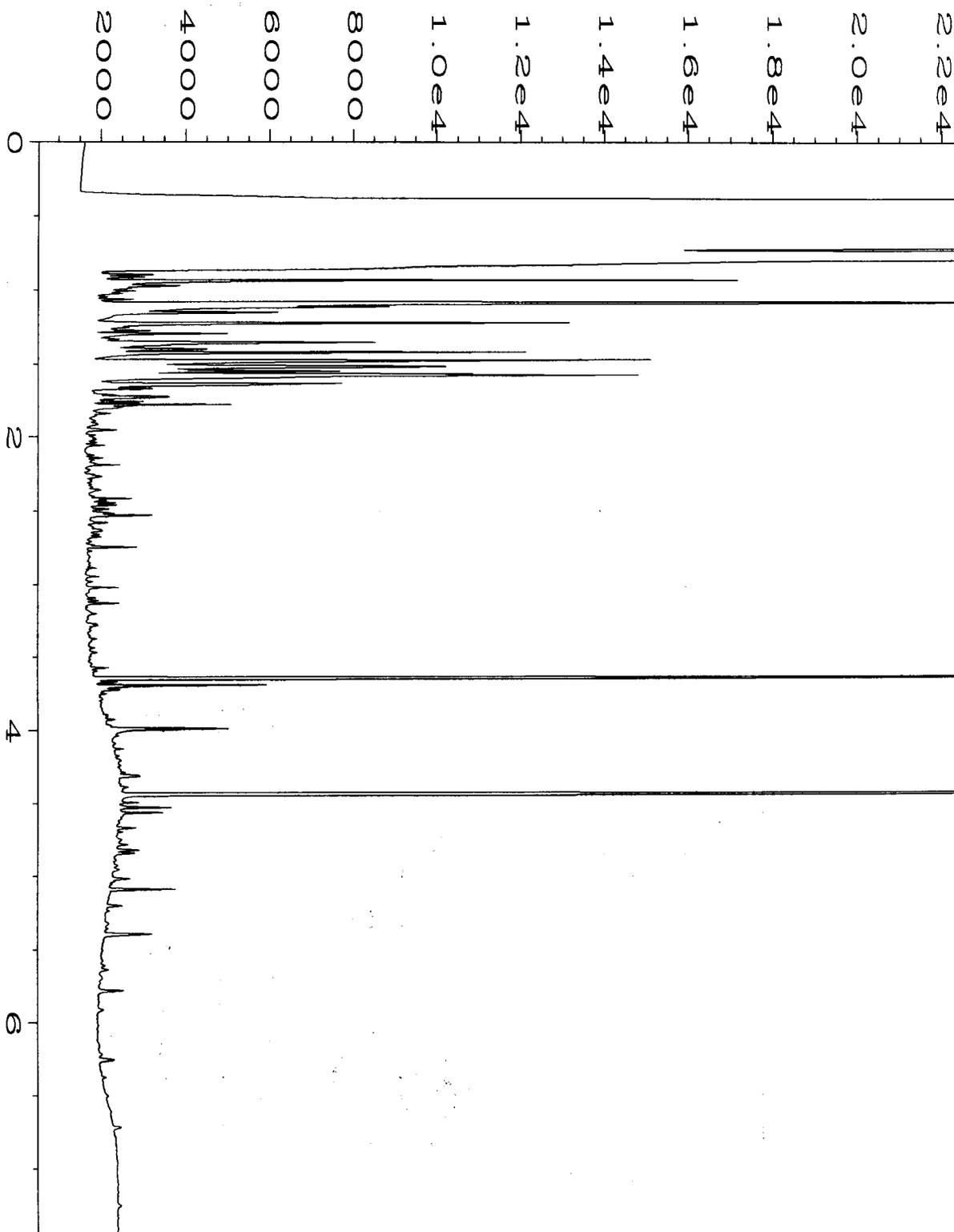
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

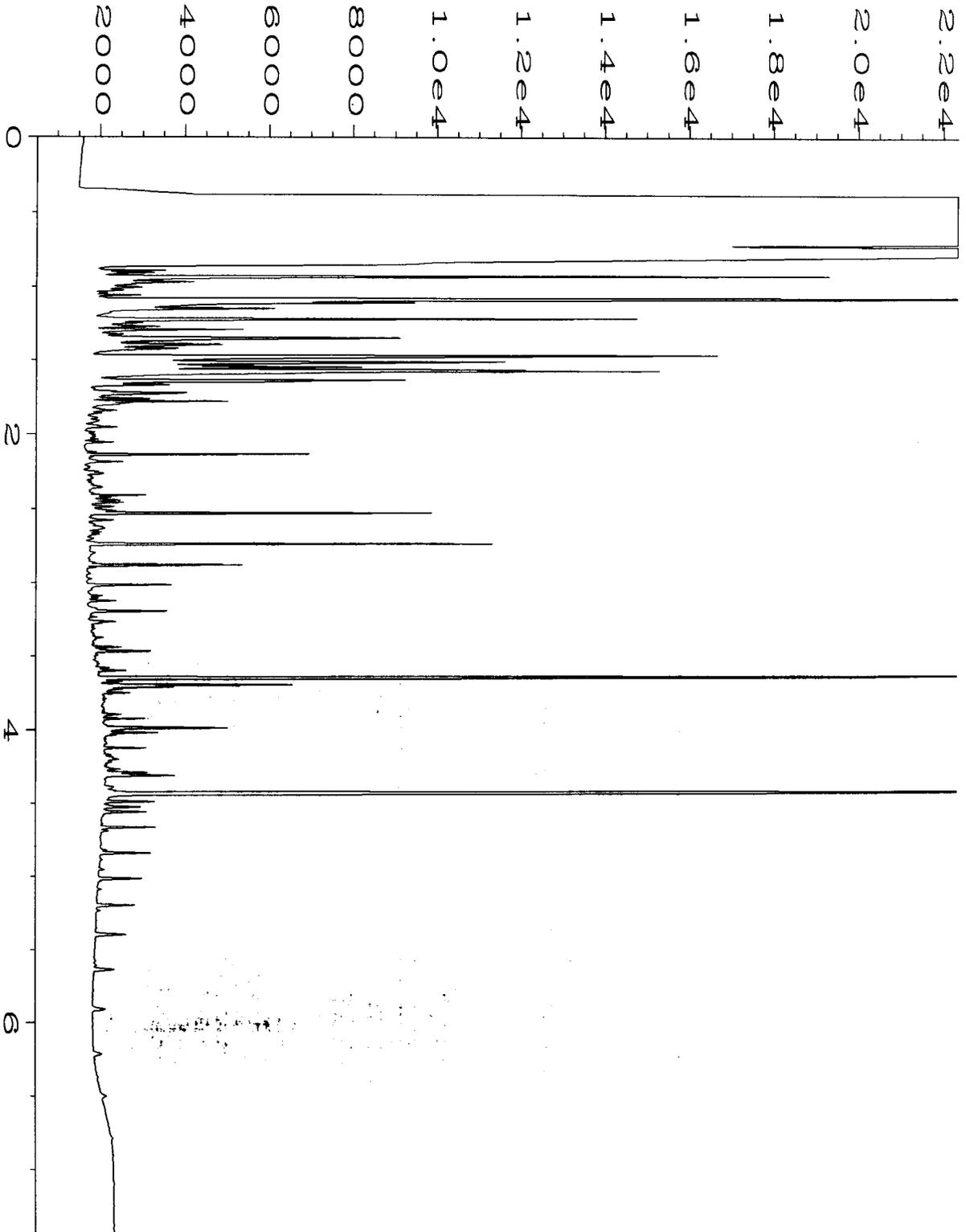
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

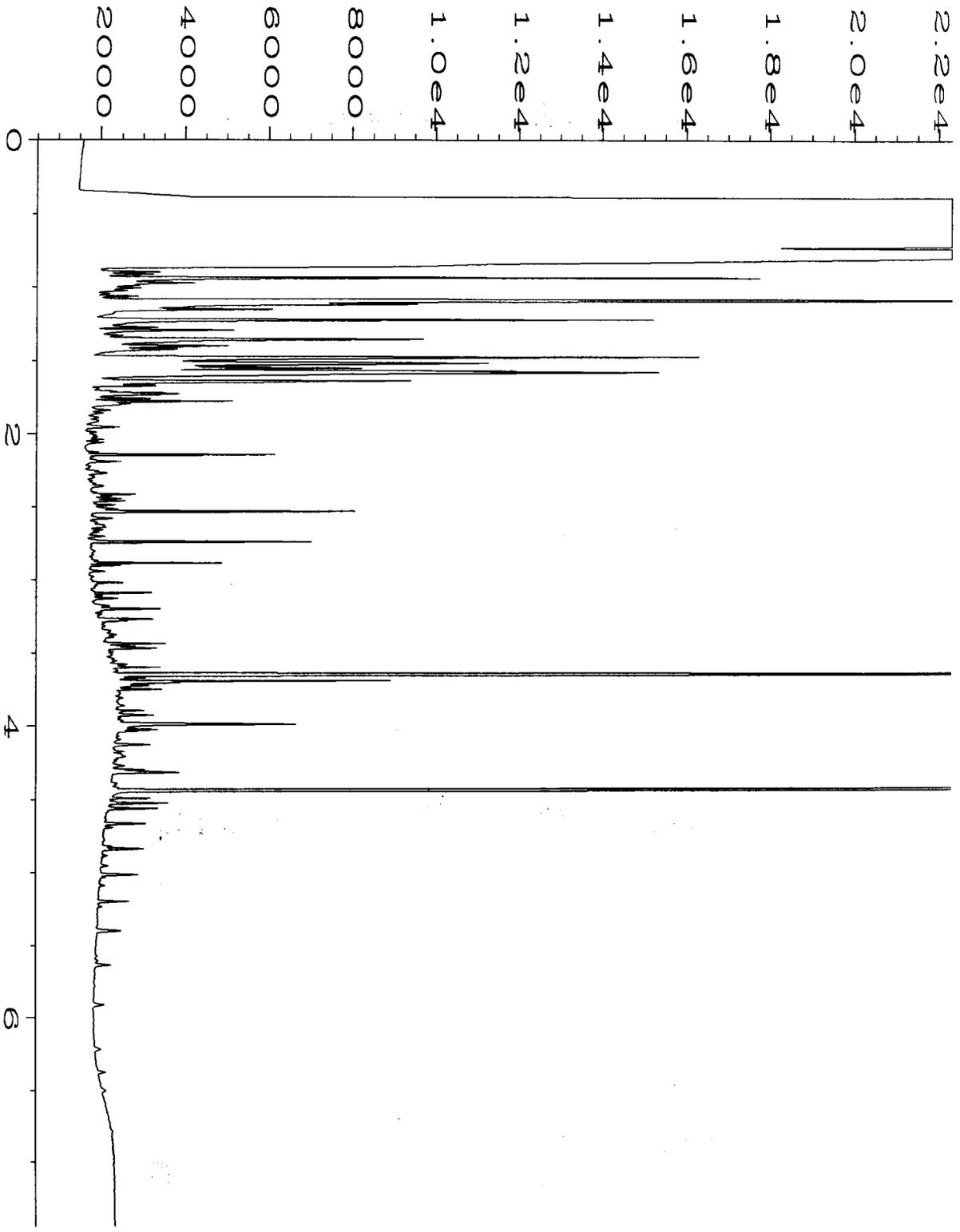
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



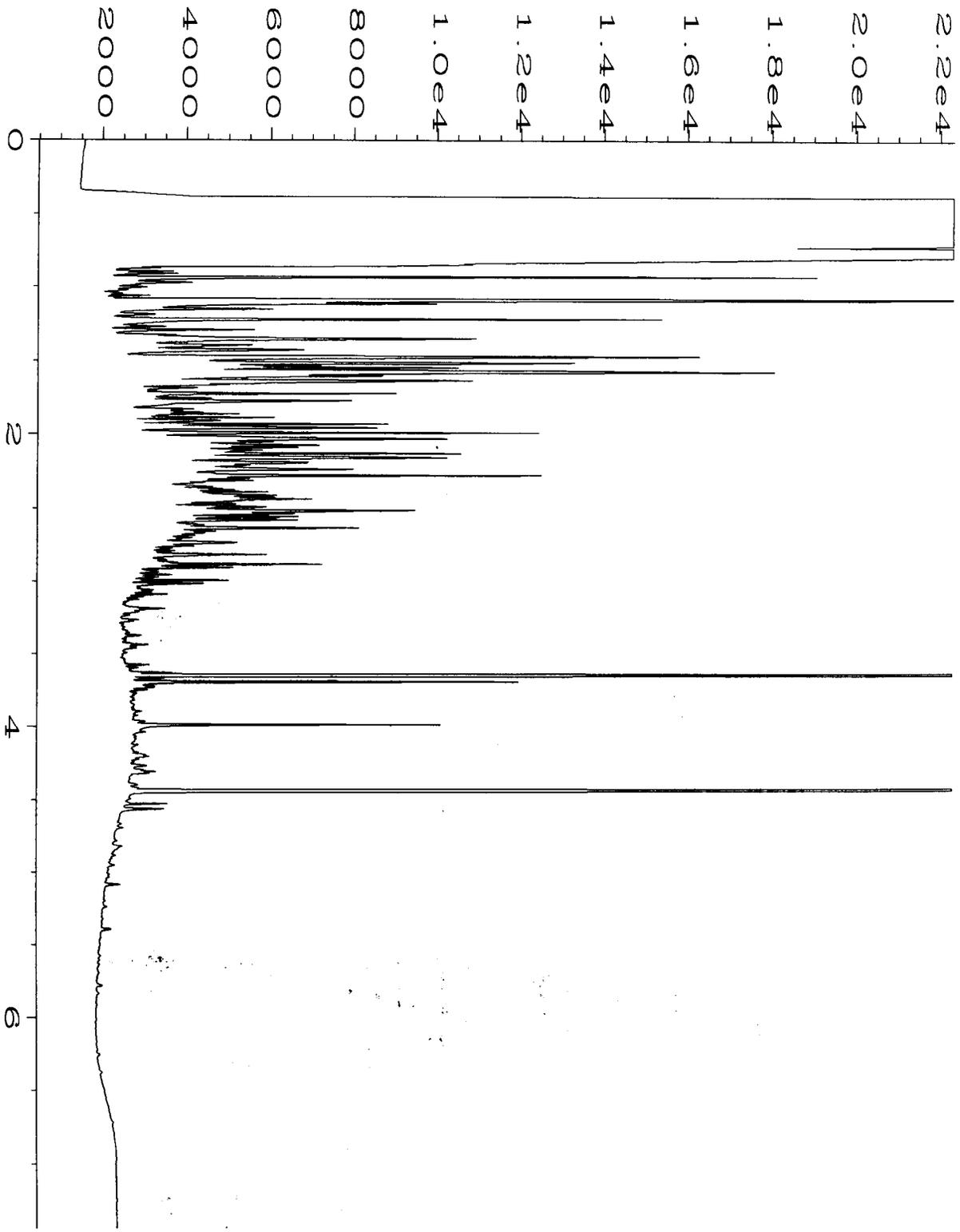
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\031F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 31
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505125-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 07:53 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



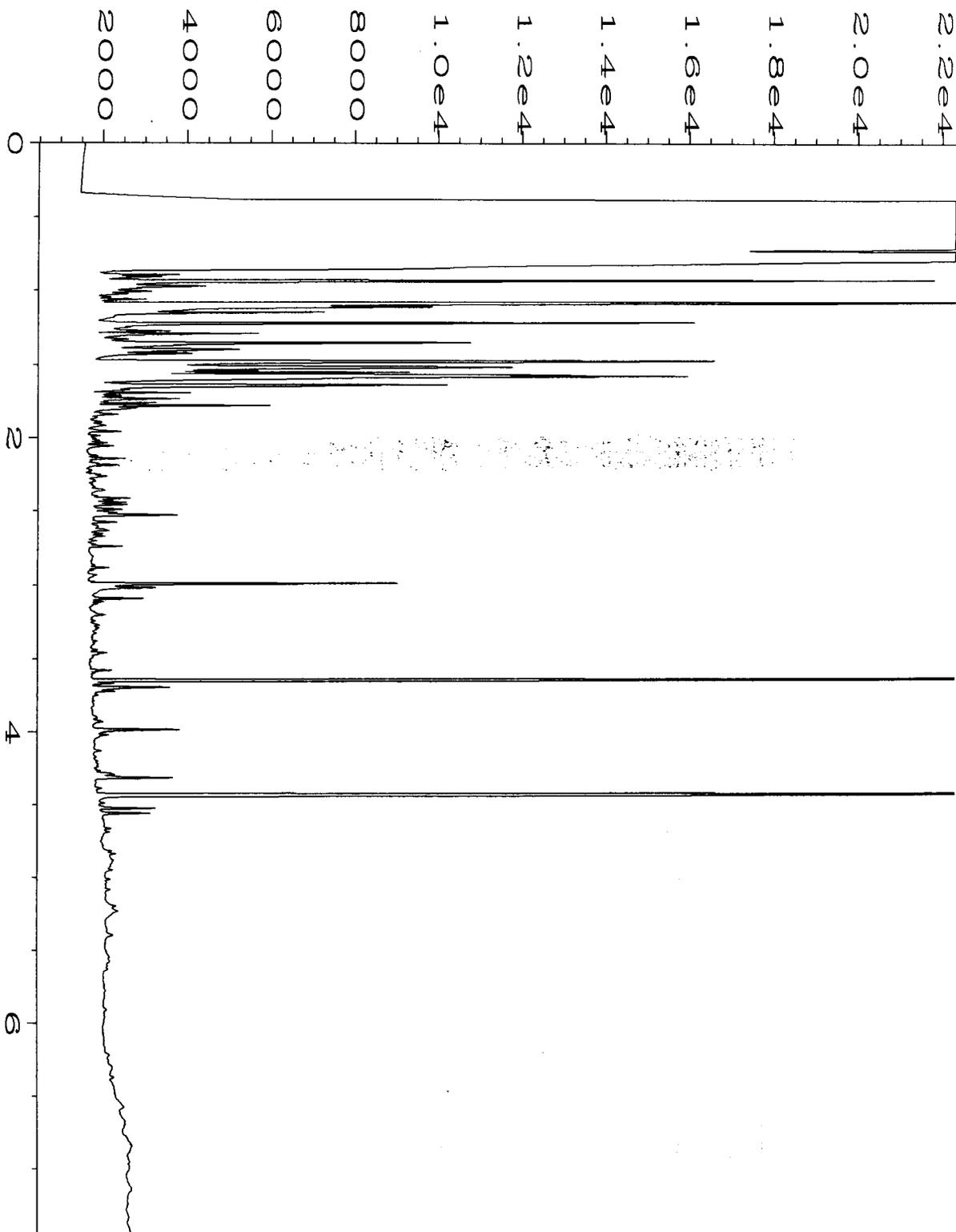
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Operator	: mwdl	Vial Number	: 32
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505125-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 08:04 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



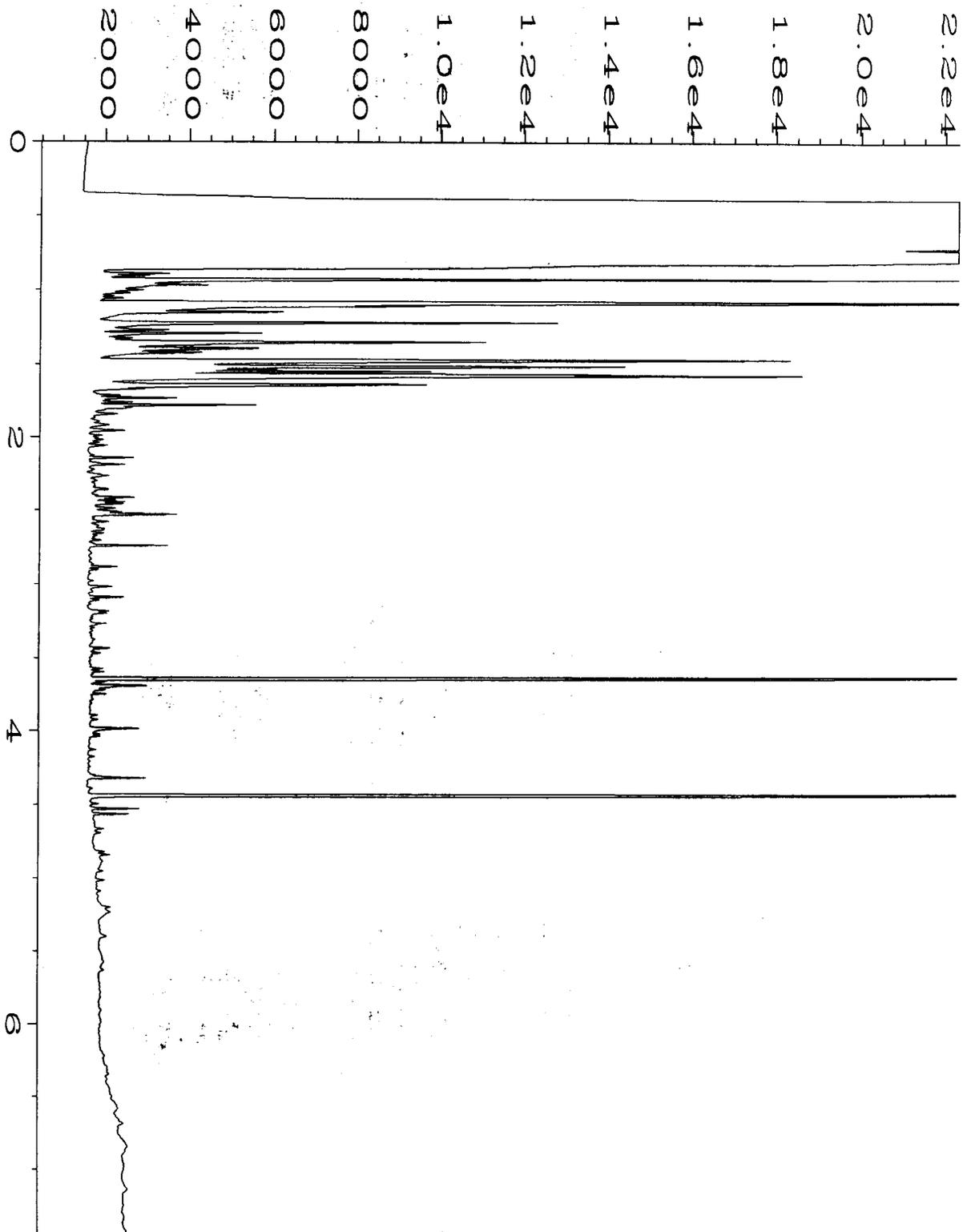
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Operator	: mwdl	Vial Number	: 33
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505125-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 08:16 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



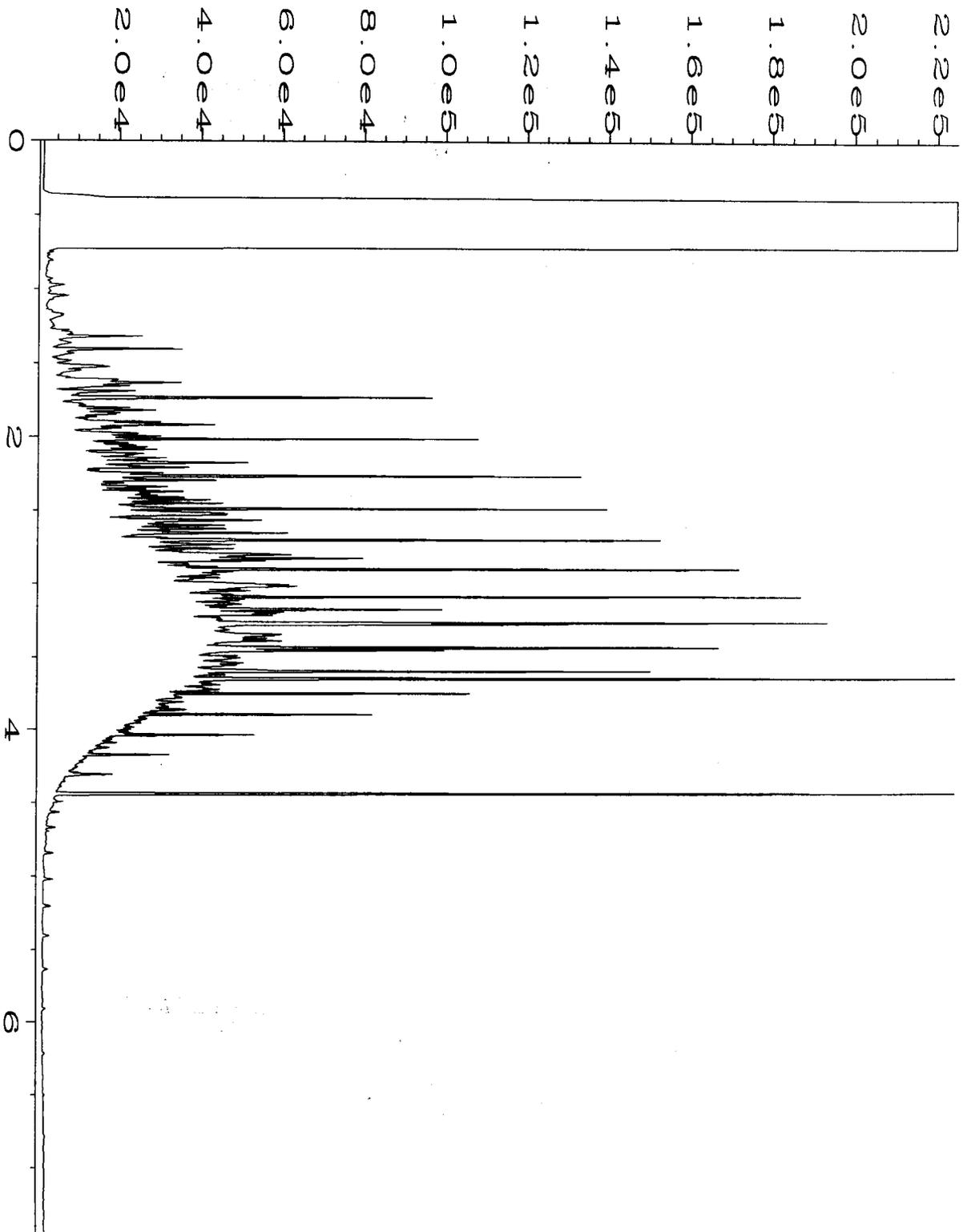
Data File Name	: C:\HPCHEM\4\DATA\05-11-15\034F0701.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 34
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505125-04	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 08:28 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\035F0901.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 35
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 505125-05	Sequence Line	: 9
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 09:03 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\023F0701.D	Page Number	: 1
Operator	: mwd1	Vial Number	: 23
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 05-950 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 11 May 15 04:07 PM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



Data File Name	: C:\HPCHEM\4\DATA\05-11-15\003F0201.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method	: DX.MTH
Acquired on	: 11 May 15 09:36 AM	Analysis Method	: DX.MTH
Report Created on:	12 May 15 09:11 AM		



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info@fremontanalytical.com

Friedman & Bruya

Michael Erdahl
3012 16th Ave. W.
Seattle, WA 98119

RE: 505125

Lab ID: 1505072

May 15, 2015

Attention Michael Erdahl:

Fremont Analytical, Inc. received 4 sample(s) on 5/8/2015 for the analyses presented in the following report.

Ferrous Iron by SM3500-Fe B

Ion Chromatography by EPA Method 300.0

Total Alkalinity by SM 2320B

Total Organic Carbon by SM 5310C

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Ridgeway", with a long, sweeping horizontal stroke at the end.

Mike Ridgeway
President



Date: 05/15/2015

CLIENT: Friedman & Bruya
Project: 505125
Lab Order: 1505072

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1505072-001	IW04-20150508	05/08/2015 8:20 AM	05/08/2015 2:00 PM
1505072-002	MW04-20150508	05/08/2015 8:50 AM	05/08/2015 2:00 PM
1505072-003	MW07-20150508	05/08/2015 11:00 AM	05/08/2015 2:00 PM
1505072-004	MW16-20150508	05/08/2015 11:10 AM	05/08/2015 2:00 PM

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

CLIENT: Friedman & Bruya**Project:** 505125

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

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

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

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

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



Analytical Report

WO#: 1505072
Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/8/2015 8:20:00 AM

Project: 505125

Lab ID: 1505072-001

Matrix: Water

Client Sample ID: IW04-20150508

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	10.8	0.500	D	mg/L	5	5/11/2015 4:53:00 PM
Nitrate	3.75	0.500	D	mg/L	5	5/8/2015 3:35:00 PM
Sulfate	34.1	1.50	D	mg/L	5	5/11/2015 4:53:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 6:10:37 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	88.0	5.00		mg/L	1	5/13/2015 2:39:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	ND	0.0300		mg/L	1	5/8/2015 3:00:58 PM
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Analytical Report

WO#: 1505072
 Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/8/2015 8:50:00 AM

Project: 505125

Lab ID: 1505072-002

Matrix: Water

Client Sample ID: MW04-20150508

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	29.9	1.00	D	mg/L	10	5/11/2015 5:03:00 PM
Nitrate	16.7	0.500	D	mg/L	5	5/8/2015 3:45:00 PM
Sulfate	45.6	3.00	D	mg/L	10	5/11/2015 5:03:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 6:30:33 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	54.0	5.00		mg/L	1	5/13/2015 2:42:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	ND	0.0300		mg/L	1	5/8/2015 3:00:58 PM
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Analytical Report

WO#: 1505072
Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/8/2015 11:00:00 AM

Project: 505125

Lab ID: 1505072-003

Matrix: Water

Client Sample ID: MW07-20150508

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	34.5	1.00	D	mg/L	10	5/11/2015 5:13:00 PM
Nitrate	30.1	1.00	D	mg/L	10	5/8/2015 3:56:00 PM
Sulfate	41.1	3.00	D	mg/L	10	5/11/2015 5:13:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 6:46:10 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	39.0	5.00		mg/L	1	5/13/2015 2:45:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	ND	0.0300		mg/L	1	5/8/2015 3:00:58 PM
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Analytical Report

WO#: 1505072
Date Reported: 5/15/2015

Client: Friedman & Bruya

Collection Date: 5/8/2015 11:10:00 AM

Project: 505125

Lab ID: 1505072-004

Matrix: Water

Client Sample ID: MW16-20150508

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22294 Analyst: KT

Chloride	27.6	0.500	D	mg/L	5	5/11/2015 5:24:00 PM
Nitrate	0.694	0.500	D	mg/L	5	5/8/2015 3:14:00 PM
Sulfate	7.28	1.50	D	mg/L	5	5/11/2015 5:24:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	0.961	0.500		mg/L	1	5/14/2015 7:06:32 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	266	5.00		mg/L	1	5/13/2015 2:48:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22253 Analyst: MW

Ferrous Iron	0.0700	0.0300		mg/L	1	5/8/2015 3:00:58 PM
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Date: 5/15/2015

Work Order: 1505072
 CLIENT: Friedman & Bruya
 Project: 505125

QC SUMMARY REPORT
Total Alkalinity by SM 2320B

Sample ID MB-R22324	SampType: MBLK	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22324					
Client ID: MBLKW	Batch ID: R22324				Analysis Date: 5/13/2015	SeqNo: 423591					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	ND	5.00									

Sample ID LCS-R22324	SampType: LCS	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22324					
Client ID: LCSW	Batch ID: R22324				Analysis Date: 5/13/2015	SeqNo: 423592					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	81.0	5.00	100.0	0	81.0	80	120				

Sample ID 1505045-001ADUP	SampType: DUP	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22324					
Client ID: BATCH	Batch ID: R22324				Analysis Date: 5/13/2015	SeqNo: 423594					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	142	5.00						142.0	0	20	



Date: 5/15/2015

Work Order: 1505072
CLIENT: Friedman & Bruya
Project: 505125

QC SUMMARY REPORT
Ferrous Iron by SM3500-Fe B

Sample ID MB-R22253	SampType: MBLK	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: MBLKW	Batch ID: R22253		Analysis Date: 5/8/2015	SeqNo: 422298							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron ND 0.0300

Sample ID LCS-R22253	SampType: LCS	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: LCSW	Batch ID: R22253		Analysis Date: 5/8/2015	SeqNo: 422299							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.00 0.0300 1.000 0 100 90 110

Sample ID 1505062-001BDUP	SampType: DUP	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: BATCH	Batch ID: R22253		Analysis Date: 5/8/2015	SeqNo: 422301							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 0.0800 0.0300 0.08000 0 20

Sample ID 1505062-001BMS	SampType: MS	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: BATCH	Batch ID: R22253		Analysis Date: 5/8/2015	SeqNo: 422302							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.15 0.0300 1.000 0.08000 107 85 115

Sample ID 1505062-001BMSD	SampType: MSD	Units: mg/L	Prep Date: 5/8/2015	RunNo: 22253							
Client ID: BATCH	Batch ID: R22253		Analysis Date: 5/8/2015	SeqNo: 422303							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 1.05 0.0300 1.000 0.08000 97.0 85 115 1.150 9.09 20



Date: 5/15/2015

Work Order: 1505072
 CLIENT: Friedman & Bruya
 Project: 505125

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID	1505062-003ADUP	SampType:	DUP	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	BATCH	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422939		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	21.7	1.00						21.76	0.465	20	D
Sulfate	56.5	3.00						56.71	0.318	20	D

Sample ID	1505062-003AMS	SampType:	MS	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	BATCH	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422940		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	49.2	1.00	30.00	21.76	91.6	80	120				D
Sulfate	194	3.00	150.0	56.71	91.8	80	120				D

Sample ID	1505062-003AMSD	SampType:	MSD	Units:	mg/L	Prep Date:	5/11/2015	RunNo:	22294		
Client ID:	BATCH	Batch ID:	R22294			Analysis Date:	5/11/2015	SeqNo:	422941		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	49.7	1.00	30.00	21.76	93.1	80	120	49.24	0.878	20	D
Sulfate	197	3.00	150.0	56.71	93.3	80	120	194.3	1.18	20	D

Sample ID	MB-R22295	SampType:	MBLK	Units:	mg/L	Prep Date:	5/8/2015	RunNo:	22295		
Client ID:	MBLKW	Batch ID:	R22295			Analysis Date:	5/8/2015	SeqNo:	422944		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate	ND	0.100									
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Sample ID	LCS-R22295	SampType:	LCS	Units:	mg/L	Prep Date:	5/8/2015	RunNo:	22295		
Client ID:	LCSW	Batch ID:	R22295			Analysis Date:	5/8/2015	SeqNo:	422945		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Nitrate	2.17	0.100	2.250	0	96.7	90	110				
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Date: 5/15/2015

Work Order: 1505072
 CLIENT: Friedman & Bruya
 Project: 505125

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID 1505062-001ADUP	SampType: DUP	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: BATCH	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422951					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	8.97	0.500						7.868	13.1	20	D

Sample ID 1505062-001AMS	SampType: MS	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: BATCH	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422952					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	24.3	0.500	15.00	7.868	110	80	120				D

Sample ID 1505062-001AMSD	SampType: MSD	Units: mg/L			Prep Date: 5/8/2015	RunNo: 22295					
Client ID: BATCH	Batch ID: R22295				Analysis Date: 5/8/2015	SeqNo: 422953					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrate	26.7	0.500	15.00	7.868	125	80	120	24.31	9.25	20	DS



Date: 5/15/2015

Work Order: 1505072
 CLIENT: Friedman & Bruya
 Project: 505125

QC SUMMARY REPORT
Total Organic Carbon by SM 5310C

Sample ID 1505045-001CDUP	SampType: DUP	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424078					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	0.500						0		20	

Sample ID 1505045-001CMS	SampType: MS	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424079					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	3.35	0.500	2.500	0.4335	117	70	130				

Sample ID 1505045-001CMSD	SampType: MSD	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345					
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424080					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	3.28	0.500	2.500	0.4335	114	70	130	3.349	2.20	30	

Client Name: **FB**

 Work Order Number: **1505072**

 Logged by: **Clare Griggs**

 Date Received: **5/8/2015 2:00:00 PM**

Chain of Custody

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

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody seals intact on shipping container/cooler? Yes No Not Required
6. Was an attempt made to cool the samples? Yes No NA
7. Were all coolers received at a temperature of >0°C to 10.0°C? Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is the headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

5/11/15: Client request project name changed to 505125

Item Information

Item #	Temp °C	Condition
Cooler	9.0	Good
Sample	5.2	Good

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

1505072

Send Report To Michael Erdahl
 Company Friedman and Bruya, Inc.
 Address 3012 16th Ave W
 City, State, ZIP Seattle, WA 98119
 Phone # (206) 285-8282 Fax # (206) 283-5044

SUBCONTRACTOR <i>Fremont Analytical</i>	
PROJECT NAME/NO. <u>0731-004-05</u>	PO # <u>D-498</u>
REMARKS Please Email Results	

Page # 1 of 1

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	Date Sampled	Time Sampled	Matrix	# of jars	Dioxins and Furans by 8290	EPH	VPH	Nitrate	Sulfate	Alkalinity	Ferrous Fe	Chloride	TOC	Notes
IW04-20150508		5/8/15	0820	water	4				X	X	X	X	X	X	
MW04-20150508			0850						X	X	X	X	X	X	
MW07-20150508			1100						X	X	X	X	X	X	
MW16-20150508			1110						X	X	X	X	X	X	

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: 	Michael Erdahl	Friedman & Bruya	5/8/15	1400
Received by: 	Bill Kimbaku	fai	5/8/15	1400
Relinquished by:				
Received by:				

505125

SAMPLE CHA' OF CUSTODY

ME 05/08/15

15/112/ EOC

Send Report To Pete.Kingstort cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature) 	
PROJECT NAME/NO. Troy Laundry Property	PO # 0731-004-05
REMARKS	EIM Y

Page # 1 of 1

TURNAROUND TIME

Standard (2 Weeks)
 RUSH

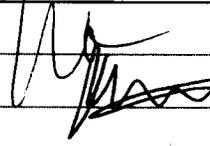
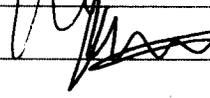
Rush charges authorized by: _____

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Nitrate and Sulfate by SM 1845	Alkalinity by SM 2320B	Methane, Ethane, and Ethene by RSK175	Total Mn and Total Fe by EPA 200.8	Ferrous Iron by SM 3500	TOC By EPA 415.1	Chloride By SM18 4500CL-C	Notes
IW04-20150508	IW04	28	01 ^A	5/8/15	0820	water	16	X	X	X	X	X	X	X	X	X	X	X	
MW04-20150508	MW04	58	02 ^A		0850	water	16	X	X	X	X	X	X	X	X	X	X	X	
MW07-20150508	MW07	66	03 ^A		1100	water	16	X	X	X	X	X	X	X	X	X	X	X	
MW16-20150508	MW16	98.5	04 ^A		1110	water	16	X	X	X	X	X	X	X	X	X	X	X	
MW15-20150508	MW15	51	05 ^A		1235	water	8	X	X	X	X								
OP 5/8/15																			

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: 	Courtney Porter	SoundEarth	5/8/15	1325
Received by: 	Nathaniel Jones	FRIL	5/8/15	1325
Relinquished by:				
Received by:		Samples received at	6	

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

May 20, 2015

Pete Kingston, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Kingston:

Included are the results from the testing of material submitted on May 12, 2015 from the SOU_0731-004-05_20150512, F&BI 505179 project. There are 15 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. 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: Jonathan Loeffler, Courtney Porter
SOU0520R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 12, 2015 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0731-004-05_20150512, F&BI 505179 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
505179 -01	MW13-20150511

Sample MW13-20150511 was sent to Fremont Analytical for nitrate, sulfate, alkalinity, ferrous iron, total organic carbon, and chloride analyses. Review of the enclosed report indicates that all quality assurance were acceptable.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

Date Extracted: 05/12/15

Date Analyzed: 05/12/15

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-Gx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate <u>(% Recovery)</u> (Limit 51-134)
MW13-20150511 505179-01	<100	92
Method Blank 05-936 MB	<100	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

Date Extracted: 05/13/15

Date Analyzed: 05/13/15

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

Results Reported as ug/L (ppb)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(% Recovery)
			(Limit 41-152)
MW13-20150511	<70	<350	101
505179-01 1/1.4			
Method Blank	<50	<250	105
05-963 MB			

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	MW13-20150511	Client:	SoundEarth Strategies
Date Received:	05/12/15	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/14/15	Lab ID:	505179-01 x100
Date Analyzed:	05/14/15	Data File:	505179-01 x100.095
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	92	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	73,200
Manganese	2,770

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/14/15	Lab ID:	I5-303 mb
Date Analyzed:	05/14/15	Data File:	I5-303 mb.083
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	SP

Internal Standard:	% Recovery:	Lower	Upper
Germanium	85	Limit:	Limit:
		60	125

Analyte:	Concentration
	ug/L (ppb)
Iron	<50
Manganese	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	MW13-20150511 cf	Client:	SoundEarth Strategies
Date Received:	05/12/15	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/12/15	Lab ID:	505179-01
Date Analyzed:	05/12/15	Data File:	051225.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	99	91	108
4-Bromofluorobenzene	101	76	126

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	1.7
Tetrachloroethene	4.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260C

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/12/15	Lab ID:	05-0906 mb
Date Analyzed:	05/12/15	Data File:	051210.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	JS

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	85	117
Toluene-d8	101	91	108
4-Bromofluorobenzene	104	76	126

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35
Toluene	<1
Ethylbenzene	<1
m,p-Xylene	<2
o-Xylene	<1
Vinyl chloride	<0.2
Chloroethane	<1
1,1-Dichloroethene	<1
Methylene chloride	<5
trans-1,2-Dichloroethene	<1
1,1-Dichloroethane	<1
cis-1,2-Dichloroethene	<1
1,2-Dichloroethane (EDC)	<1
1,1,1-Trichloroethane	<1
Trichloroethene	<1
Tetrachloroethene	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	MW13-20150511	Client:	SoundEarth Strategies
Date Received:	05/12/15	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/13/15	Lab ID:	505179-01
Date Analyzed:	05/13/15	Data File:	016F1601.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Gasses By RSK 175

Client Sample ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0731-004-05_20150512, F&BI 505179
Date Extracted:	05/13/15	Lab ID:	05-0904 mb
Date Analyzed:	05/13/15	Data File:	005F0501.D
Matrix:	Water	Instrument:	GC8
Units:	ug/L (ppb)	Operator:	JS

Compounds:	Concentration ug/L (ppb)
Methane	<5
Ethane	<10
Ethene	<10

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-Gx**

Laboratory Code: 505179-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	102	69-134

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	106	109	63-142	3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 505209-01 x100 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	18,900	0 b	41 b	56-160	200 b
Manganese	ug/L (ppb)	20	6,960	0 b	74 b	47-155	200 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	101	85-125
Manganese	ug/L (ppb)	20	106	89-123

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260C**

Laboratory Code: 505179-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	50	<0.2	89	61-139
Chloroethane	ug/L (ppb)	50	<1	84	55-149
1,1-Dichloroethene	ug/L (ppb)	50	<1	86	71-123
Methylene chloride	ug/L (ppb)	50	<5	93	61-126
trans-1,2-Dichloroethene	ug/L (ppb)	50	<1	84	72-122
1,1-Dichloroethane	ug/L (ppb)	50	<1	84	79-113
cis-1,2-Dichloroethene	ug/L (ppb)	50	<1	87	63-126
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	<1	85	70-119
1,1,1-Trichloroethane	ug/L (ppb)	50	<1	91	75-121
Benzene	ug/L (ppb)	50	<0.35	86	78-108
Trichloroethene	ug/L (ppb)	50	1.7	88	75-109
Toluene	ug/L (ppb)	50	<1	86	73-117
Tetrachloroethene	ug/L (ppb)	50	4.6	88	72-113
Ethylbenzene	ug/L (ppb)	50	<1	87	71-120
m,p-Xylene	ug/L (ppb)	100	<2	91	63-128
o-Xylene	ug/L (ppb)	50	<1	91	64-129

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Vinyl chloride	ug/L (ppb)	50	98	101	70-119	3
Chloroethane	ug/L (ppb)	50	92	95	66-149	3
1,1-Dichloroethene	ug/L (ppb)	50	95	98	75-119	3
Methylene chloride	ug/L (ppb)	50	104	108	63-132	4
trans-1,2-Dichloroethene	ug/L (ppb)	50	92	95	76-118	3
1,1-Dichloroethane	ug/L (ppb)	50	95	96	80-116	1
cis-1,2-Dichloroethene	ug/L (ppb)	50	97	98	80-112	1
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	94	94	79-109	0
1,1,1-Trichloroethane	ug/L (ppb)	50	99	102	80-116	3
Benzene	ug/L (ppb)	50	96	96	81-108	0
Trichloroethene	ug/L (ppb)	50	98	99	77-108	1
Toluene	ug/L (ppb)	50	97	97	83-108	0
Tetrachloroethene	ug/L (ppb)	50	98	100	78-109	2
Ethylbenzene	ug/L (ppb)	50	99	99	83-111	0
m,p-Xylene	ug/L (ppb)	100	103	104	84-112	1
o-Xylene	ug/L (ppb)	50	104	105	81-117	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/15

Date Received: 05/12/15

Project: SOU_0731-004-05_20150512, F&BI 505179

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF
WATER SAMPLES FOR DISSOLVED GASSES
USING METHOD RSK 175**

Laboratory Code: 505084-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Methane	ug/L (ppb)	<5	<5	nm
Ethane	ug/L (ppb)	<10	<10	nm
Ethene	ug/L (ppb)	<10	<10	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Methane	ug/L (ppb)	59	83	81	50-150	3
Ethane	ug/L (ppb)	110	73	71	50-150	3
Ethene	ug/L (ppb)	102	100	98	50-150	3

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 compound 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. Compounds in the sample matrix interfered with the quantitation of the analyte.

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.

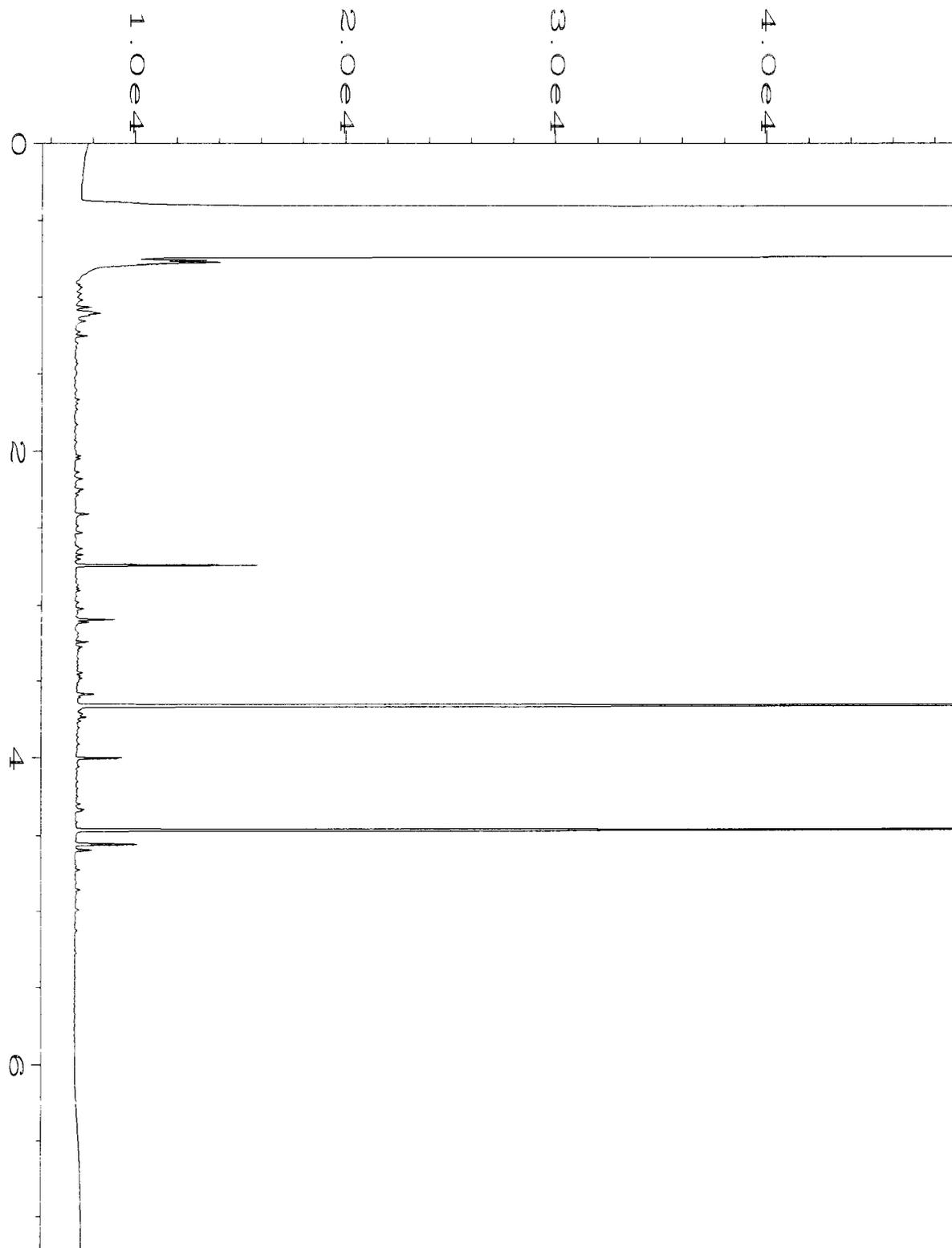
nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

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.

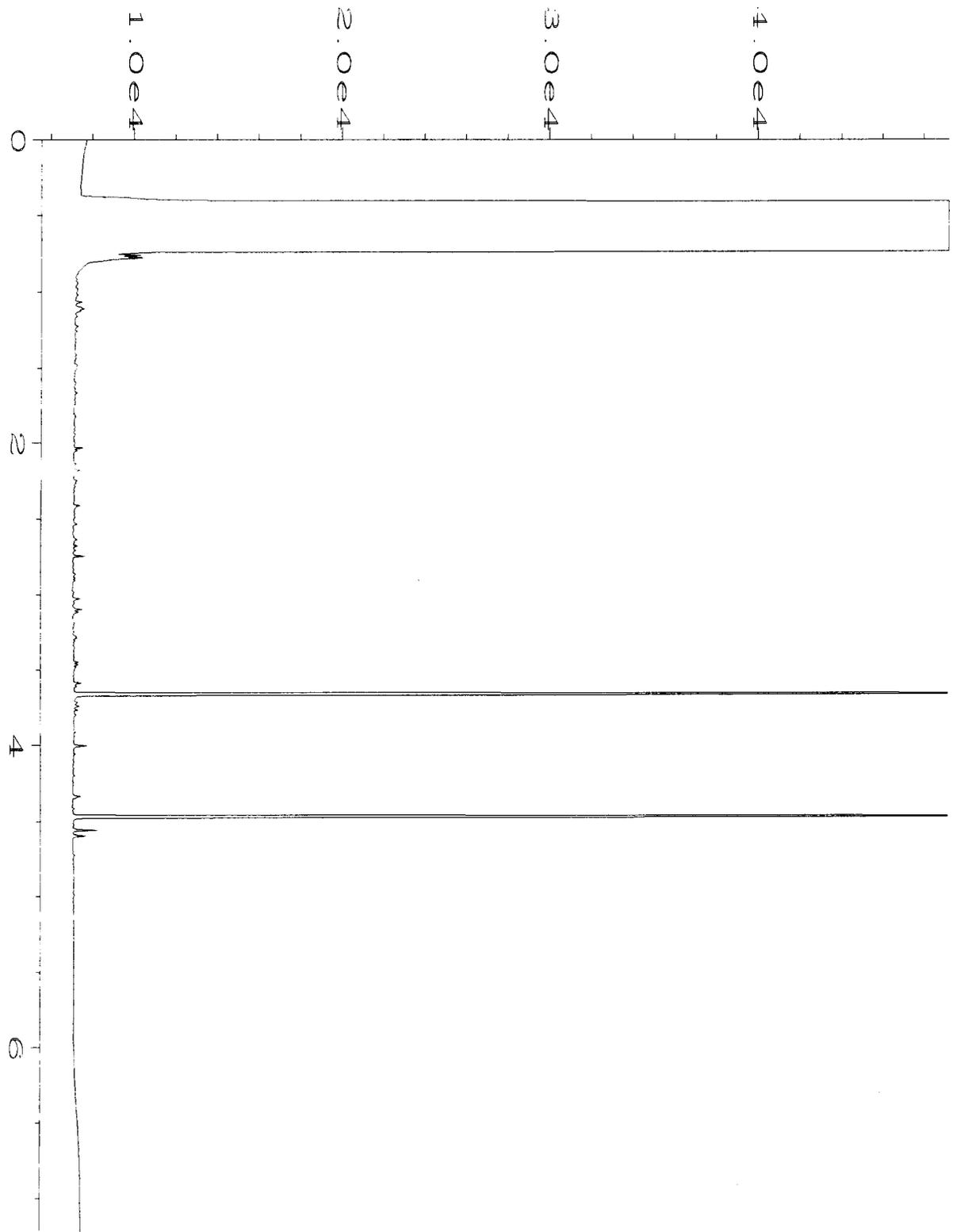
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

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

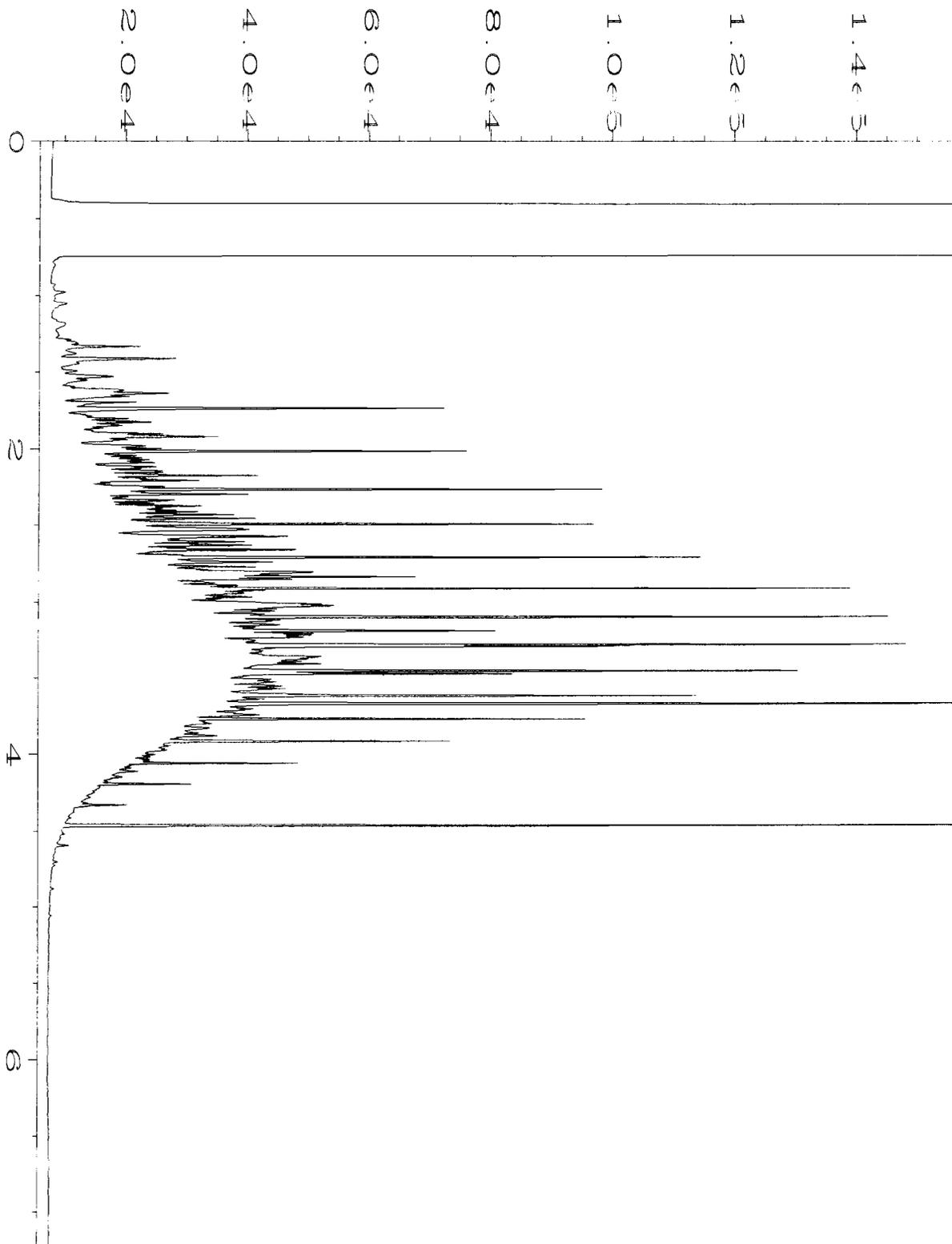
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



Data File Name	: C:\HPCHEM\1\DATA\05-13-15\023F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 23
Instrument	: GC1	Injection Number	: 1
Sample Name	: 505179-01	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 May 15 12:51 PM	Analysis Method	: DX.MTH
Report Created on:	14 May 15 08:38 AM		



Data File Name	: C:\HPCHEM\1\DATA\05-13-15\020F0401.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 05-963 mb	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 May 15 12:18 PM	Analysis Method	: DX.MTH
Report Created on:	14 May 15 08:39 AM		



Data File Name	: C:\HPCHEM\1\DATA\05-13-15\003F0301.D	Page Number	: 1
Operator	: mwdl	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 Dx 44-94C	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	DX.MTH
Acquired on	: 13 May 15 09:03 AM	Analysis Method	: DX.MTH
Report Created on:	14 May 15 08:39 AM		



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Friedman & Bruya

Michael Erdahl

3012 16th Ave. W.

Seattle, WA 98119

RE: 505179

Lab ID: 1505085

May 16, 2015

Attention Michael Erdahl:

Fremont Analytical, Inc. received 1 sample(s) on 5/12/2015 for the analyses presented in the following report.

Ferrous Iron by SM3500-Fe B

Ion Chromatography by EPA Method 300.0

Total Alkalinity by SM 2320B

Total Organic Carbon by SM 5310C

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Ridgeway", written in a cursive style.

Mike Ridgeway
President



Date: 05/16/2015

CLIENT: Friedman & Bruya
Project: 505179
Lab Order: 1505085

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1505085-001	MW13-20150511	05/11/2015 4:30 PM	05/12/2015 12:22 PM

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

CLIENT: Friedman & Bruya**Project:** 505179

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

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

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

III. ANALYSES AND EXCEPTIONS:

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

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below LOQ
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit

Acronyms:

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



Analytical Report

WO#: 1505085
Date Reported: 5/16/2015

Client: Friedman & Bruya

Collection Date: 5/11/2015 4:30:00 PM

Project: 505179

Lab ID: 1505085-001

Matrix: Water

Client Sample ID: MW13-20150511

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Ion Chromatography by EPA Method 300.0

Batch ID: R22327 Analyst: KT

Chloride	32.9	0.500	D	mg/L	5	5/13/2015 2:50:00 PM
Nitrate	5.07	0.500	D	mg/L	5	5/13/2015 2:50:00 PM
Sulfate	44.5	1.50	D	mg/L	5	5/13/2015 2:50:00 PM

Total Organic Carbon by SM 5310C

Batch ID: R22345 Analyst: KT

Total Organic Carbon	ND	0.500		mg/L	1	5/14/2015 7:22:06 PM
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Total Alkalinity by SM 2320B

Batch ID: R22324 Analyst: MW

Alkalinity, Total (As CaCO ₃)	40.0	5.00		mg/L	1	5/13/2015 2:51:00 PM
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Ferrous Iron by SM3500-Fe B

Batch ID: R22303 Analyst: MW

Ferrous Iron	4.60	0.600	D	mg/L	20	5/12/2015 4:29:00 PM
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Work Order: 1505085
CLIENT: Friedman & Bruya
Project: 505179

QC SUMMARY REPORT
Ferrous Iron by SM3500-Fe B

Sample ID: MB-R22303	SampType: MBLK	Units: mg/L	Prep Date: 5/12/2015	RunNo: 22303							
Client ID: MBLKW	Batch ID: R22303		Analysis Date: 5/12/2015	SeqNo: 423132							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron ND 0.0300

Sample ID: LCS-R22303	SampType: LCS	Units: mg/L	Prep Date: 5/12/2015	RunNo: 22303							
Client ID: LCSW	Batch ID: R22303		Analysis Date: 5/12/2015	SeqNo: 423133							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 0.960 0.0300 1.000 0 96.0 90 110

Sample ID: 1505085-001CDUP	SampType: DUP	Units: mg/L	Prep Date: 5/12/2015	RunNo: 22303							
Client ID: MW13-20150511	Batch ID: R22303		Analysis Date: 5/12/2015	SeqNo: 423135							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 5.00 0.600 4.600 8.33 20 D

Sample ID: 1505085-001CMS	SampType: MS	Units: mg/L	Prep Date: 5/12/2015	RunNo: 22303							
Client ID: MW13-20150511	Batch ID: R22303		Analysis Date: 5/12/2015	SeqNo: 423136							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 25.2 0.600 20.00 4.600 103 85 115 D

Sample ID: 1505085-001CMSD	SampType: MSD	Units: mg/L	Prep Date: 5/12/2015	RunNo: 22303							
Client ID: MW13-20150511	Batch ID: R22303		Analysis Date: 5/12/2015	SeqNo: 423137							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ferrous Iron 23.6 0.600 20.00 4.600 95.0 85 115 25.20 6.56 20 D



Date: 5/16/2015

Work Order: 1505085
 CLIENT: Friedman & Bruya
 Project: 505179

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID: LCS-R22327	SampType: LCS	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22327					
Client ID: LCSW	Batch ID: R22327				Analysis Date: 5/13/2015	SeqNo: 423622					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	2.85	0.100	3.000	0	95.0	90	110				
Nitrate	2.10	0.100	2.000	0	105	90	110				
Sulfate	14.2	0.300	15.00	0	94.5	90	110				

Sample ID: MB-R22327	SampType: MBLK	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22327					
Client ID: MBLKW	Batch ID: R22327				Analysis Date: 5/13/2015	SeqNo: 423623					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	ND	0.100									
Nitrate	ND	0.100									
Sulfate	ND	0.300									

Sample ID: 1505085-001BDUP	SampType: DUP	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22327					
Client ID: MW13-20150511	Batch ID: R22327				Analysis Date: 5/13/2015	SeqNo: 423627					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	32.4	0.500						32.85	1.50	20	D
Nitrate	5.08	0.500						5.074	0.0591	20	D
Sulfate	45.2	1.50						44.53	1.53	20	D

Sample ID: 1505085-001BMS	SampType: MS	Units: mg/L			Prep Date: 5/13/2015	RunNo: 22327					
Client ID: MW13-20150511	Batch ID: R22327				Analysis Date: 5/13/2015	SeqNo: 423628					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	45.8	0.500	15.00	32.85	86.1	80	120				D
Nitrate	19.6	0.500	15.00	5.074	96.8	80	120				D
Sulfate	113	1.50	75.00	44.53	91.9	80	120				D

Work Order: 1505085
CLIENT: Friedman & Bruya
Project: 505179

QC SUMMARY REPORT
Ion Chromatography by EPA Method 300.0

Sample ID: 1505085-001BMSD	SampType: MSD	Units: mg/L	Prep Date: 5/13/2015	RunNo: 22327							
Client ID: MW13-20150511	Batch ID: R22327		Analysis Date: 5/13/2015	SeqNo: 423629							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chloride	45.7	0.500	15.00	32.85	85.5	80	120	45.76	0.199	20	D
Nitrate	19.6	0.500	15.00	5.074	97.0	80	120	19.60	0.0918	20	D
Sulfate	113	1.50	75.00	44.53	91.5	80	120	113.5	0.270	20	D



Work Order: 1505085
 CLIENT: Friedman & Bruya
 Project: 505179

QC SUMMARY REPORT
Total Organic Carbon by SM 5310C

Sample ID: LCS-R22345	SampType: LCS	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345
Client ID: LCSW	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424075
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Total Organic Carbon 9.78 0.500 10.00 0 97.8 80 120

Sample ID: MB-R22345	SampType: MBLK	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345
Client ID: MBLKW	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424076
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Total Organic Carbon ND 0.500

Sample ID: 1505045-001CDUP	SampType: DUP	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424078
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Total Organic Carbon ND 0.500 0 20

Sample ID: 1505045-001CMS	SampType: MS	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424079
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Total Organic Carbon 3.35 0.500 2.500 0.4335 117 70 130

Sample ID: 1505045-001CMSD	SampType: MSD	Units: mg/L			Prep Date: 5/14/2015	RunNo: 22345
Client ID: BATCH	Batch ID: R22345				Analysis Date: 5/14/2015	SeqNo: 424080
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Total Organic Carbon 3.28 0.500 2.500 0.4335 114 70 130 3.349 2.20 30

Client Name: **FB**
 Logged by: **Erica Silva**

Work Order Number: **1505085**
 Date Received: **5/12/2015 12:22:00 PM**

Chain of Custody

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

Log In

3. Coolers are present? Yes No NA
No cooler present
 4. Shipping container/cooler in good condition? Yes No
 5. Custody seals intact on shipping container/cooler? Yes No Not Required
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all coolers received at a temperature of >0°C to 10.0°C Yes No NA
Samples were received at appropriate temperature
 8. Sample(s) in proper container(s)? Yes No
 9. Sufficient sample volume for indicated test(s)? Yes No
 10. Are samples properly preserved? Yes No
 11. Was preservative added to bottles? Yes No NA
 12. Is the headspace in the VOA vials? Yes No NA
 13. Did all samples containers arrive in good condition(unbroken)? Yes No
 14. Does paperwork match bottle labels? Yes No
 15. Are matrices correctly identified on Chain of Custody? Yes No
 16. Is it clear what analyses were requested? Yes No
 17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C	Condition
Sample	7.3	Good

SUBCONTRACT SAMPLE CHAIN OF CUSTODY

100003

Page # 1 of 1

Send Report To Michael Erdahl

Company Friedman and Bruya, Inc.

Address 3012 16th Ave W

City, State, ZIP Seattle, WA 98119

Phone # (206) 285-8282 Fax # (206) 283-5044

SUBCONTRACTOR <u>Fremont</u>	
PROJECT NAME/NO. <u>S05179</u>	PO # <u>D-498</u>
REMARKS <p style="text-align: center;">Please Email Results</p>	

TURNAROUND TIME
<input checked="" type="checkbox"/> Standard (2 Weeks) <input type="checkbox"/> RUSH _____ Rush charges authorized by: _____
SAMPLE DISPOSAL
<input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input type="checkbox"/> Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	Dioxins and Furans by 8290	EPH	VPH	Nitrate	Sulfate	Alkalinity	Ferrous Iron	TOC	Chloride	Notes
MW13-20150511		5/11/15	1630	water.					X	X	X	X	X	X	

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: 	Michael Erdahl	Friedman & Bruya	5/12/15	10:45
Received by: 	Clark Gilbert	FBI	5/14/15	1222
Relinquished by:				
Received by:				

505179

SAMPLE CHA' OF CUSTODY

ME 05/12/15

v2/AI 3

Send Report To Pete Kingstort cc: Jonathan Loeffler, Courtney Porter

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 2000

City, State, ZIP Seattle, WA 98102

SAMPLERS (signature)

[Signature]

Page # 1 of 2

PROJECT NAME/NO.

Troy Laundry Property

PO #

0731-004-05

REMARKS

EIM Y

TURNAROUND TIME

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	GRPH by NWTPH-Gx	BTEX by EPA 8021B	DRPH/ORPH by NWTPH-Dx	cVOCs by EPA 8260C	Nitrate and Sulfate by SM 1845	Alkalinity by SM 2320B	Methane, Ethane, and Ethene by RSK175	Total Mn and Total Fe by EPA 200.8	Ferrous Iron by SM 3500	TOC By EPA 415.1	Chloride By SM18 4500CL-C	Notes
NW13-201502			01 A-P	5/11/15	1630	W	18	X	X	X	X	X	X	X	X	X	X	X	
Samples received at <u>4</u> °C																			

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: <i>[Signature]</i>	Garyson Feltz	SES	5/12/15	1725
Received by: <i>[Signature]</i>	Nhan Phan	F&BT	5/12/15	1045
Relinquished by:				
Received by:				