

Maninder Singh - 8701 Greenwood Ave N, Seattle, WA 98103



515 S. Southern St.
Seattle, WA 98108-4356
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LIMITED SITE CHARACTERIZATION REPORT

11/23/2020

Prepared by Alexander Moss



Maninder Singh
8701 Greenwood Ave N
Seattle, WA 98103



515 S. Southern St.
Seattle, WA 98108-4356
P: 206-762-7500
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8701 Greenwood LLC
12620 NE 85th St Suite 112
Kirkland, WA 98033

RE:
Greenwood Avenue Walgreens Property
8701 Greenwood Ave N
Seattle, WA 98103

SITE INVESTIGATION

The subject property is a commercial property located at parcel #292070-0030, also known as 8701 Greenwood Ave N, Seattle, WA. The parcel is currently owned by Dexter Place Associates.

Left Coast Services LLC (LCS) dba Universal Applicators was retained by the prospective buyer, Maninder Singh of 8701 Greenwood LLC, to collect samples in response to a Phase I Environmental Site Assessment, dated 09/29/2020, by Partner Engineering North Carolina, PLLC.

For locating all soil borings, LCS designated the center of catch basin CB #1, located near the center of the driveway entrance at the southwestern corner of the primary parking lot. The groundwater sample was collected from well MW8 installed by Environmental Resolutions, Inc. (ERI). See APPENDIX C: Generalized Site Plan - PLATE P-1 (ERI) for location of monitoring well location.

LCS and Standard Environmental Probe, Inc. (SEP) mobilized to the site on 10/29/2020 to perform 2 soil borings on the downgradient(south-southwestern) side of the previous "Vanity Cleaners", 2 soil borings along the northern property line, and collect a groundwater sample from monitoring well MW8.

"Vanity Cleaners"

To explore the recognized environmental concern presented due to the previous "Vanity Cleaners" dry cleaning operation, soil boring GSB-1 was located 17.5 feet South and 94 feet East

of the POR and was extended to a depth of 16 feet below ground surface (bgs). A soil sample, GSB-1-7, was collected at a depth of 7 feet bgs. Groundwater was noted at a depth of 5 feet bgs.

Soil boring GSB-2 was located 17.5 feet South and 84 feet East of the POR and was extended to a depth of 16 feet bgs. A soil sample, GSB-2-5, was collected at a depth of 7 feet bgs. Groundwater was noted at a depth of 5 feet bgs.

These samples were analyzed for Vinyl chloride, Chloroethane, 1,1-Dichloroethene, Methylene chloride, trans-1,2-Dichloroethene, 1,1-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,2-Dichloroethane (EDC), 1,1,1-Trichloroethane, Trichloroethene, Tetrachloroethene, and TPH: Stoddard Solvent Range.

“SMI INC TRUST”

To explore the recognized environmental concern presented due to the Cleanup Site CSID 4350 – SMI INC TRUST, located at parcel # 362603-9069, also known as 8733 Greenwood Ave N, Seattle, WA, soil boring GSB-3 was located 96 feet North and 45 feet East of the POR and was extended to a depth of 16 feet bgs. Groundwater was noted at a depth of 4 feet bgs. A slight hydrocarbon sheen was noted between depths of 5’ and 6’. A soil sample, GSB-3-5.5 was collected at a depth of 5.5 feet bgs.

Soil boring GSB-4 was located 96 feet North and 11 feet East of the POR and was extended to depth of 16 feet bgs. Groundwater was noted at a depth of 3.5 feet bgs. A soil sample, GSB-4-3, was collected at a depth of 3 feet bgs.

These samples were analyzed for Total Petroleum Hydrocarbon (TPH): Motor Oil Range, TPH: Diesel Range, TPH: Gasoline Range, Total Xylenes, Ethyl Benzene, Toluene, Benzene, Ethylene glycol, and Propylene glycol.

“South West Monitoring Well MW6”

To explore migration of the recognized environmental concerns off the site, a groundwater sample, MW-01, was collected from groundwater monitoring well MW6.

This sample was analyzed for Total Petroleum Hydrocarbon (TPH): Motor Oil Range, TPH: Diesel Range, TPH: Gasoline Range, Total Xylenes, Ethyl Benzene, Toluene, Benzene, Ethylene glycol, Propylene glycol, Vinyl chloride, Chloroethane, 1,1-Dichloroethene, Methylene chloride, trans-1,2-Dichloroethene, 1,1-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, 1,2-Dichloroethane (EDC), 1,1,1-Trichloroethane, Trichloroethene, Tetrachloroethene, and TPH: Stoddard Solvent Range.

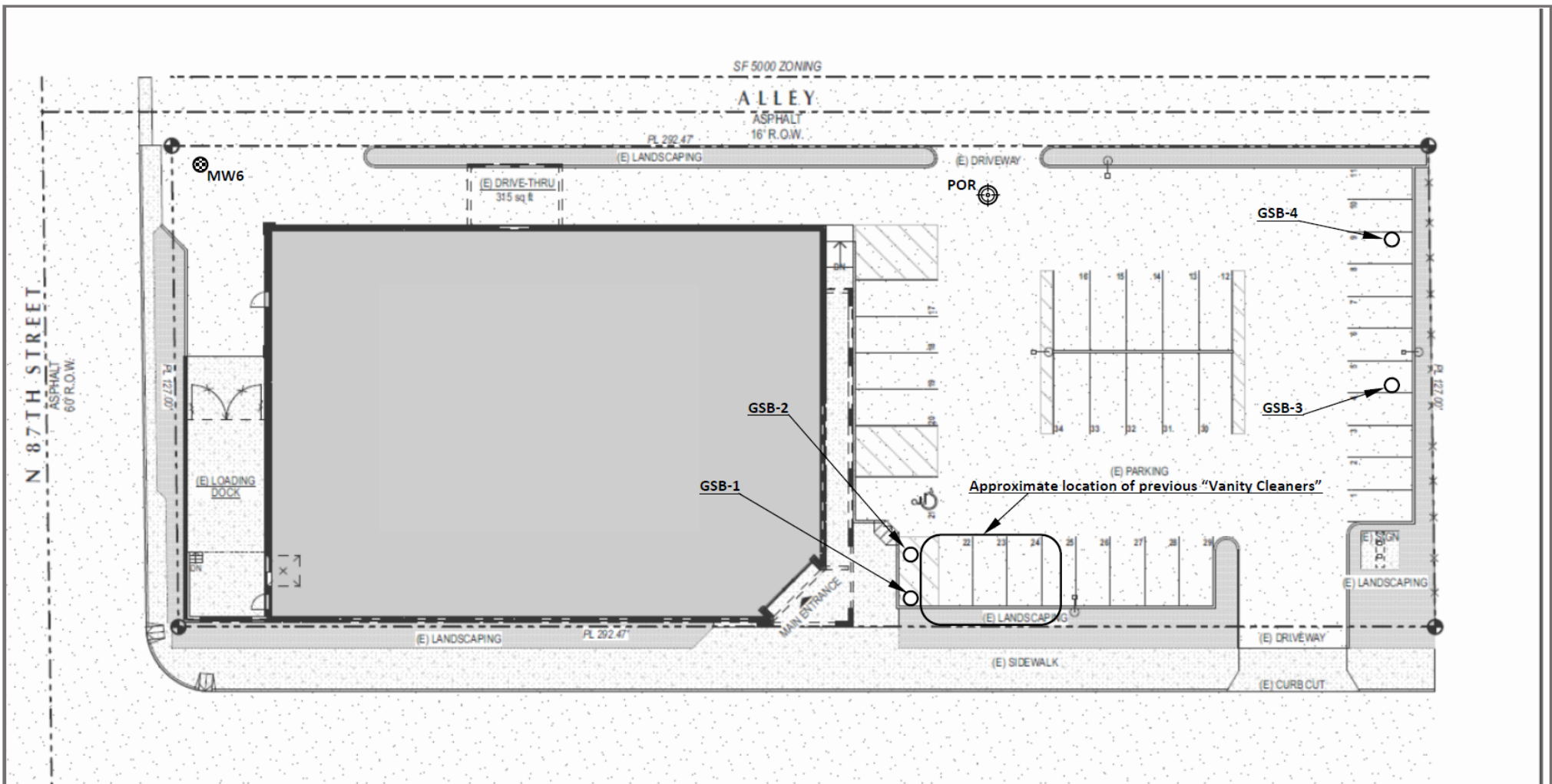
SAMPLE RESULTS/ SUMMARY

All samples yielded results below reporting limits, with exception at soil sample GSB-3-5.5.

Soil sample GSB-3-5.5 yielded a result of 18.7ppm for Ethylene Glycol, which is below Washington State Ecology (WAECY) MTCA Method B Cleanup Level of 160,000ppm. This sample also yielded a result of 1,100ppm for TPH diesel range organics, which is below WAECY MTCA Method A Cleanup Level of 2,000ppm. This sample also yielded a result of 42ppm for TPH gasoline range organics, which is below WAECY MTCA Method A Cleanup Level of 100ppm for TPH gasoline range organics with no detectable benzene.

FIGURES & SITE PHOTOGRAPHS

FIGURE 1: Site Diagram



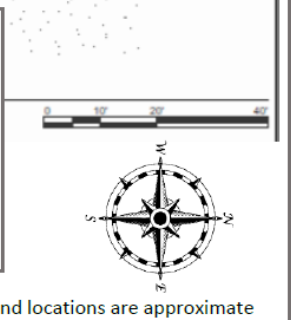
LEGEND

- Parcel Boundary
- Primary Structure
- Auxiliary Structure
- Point of Reference(POR)**
- Location of Soil Boring
- Location of Monitoring Well

GREENWOOD AVENUE N
ASPHALT
90' R.O.W.

** POR utilized for site borings is the center of catch basin CB #1, located near the center of the driveway entrance at the southwestern corner of the primary parking lot.

SOIL BORING LOCATIONS		
Boring ID	Depth (feet bgs)	Distance from POR
GSB-1	16	17.5' S; 94' E
GSB-2	16	17.5' S; 84' E
GSB-3	16	96' N; 45' E
GSB-4	16	96' N' 11' E

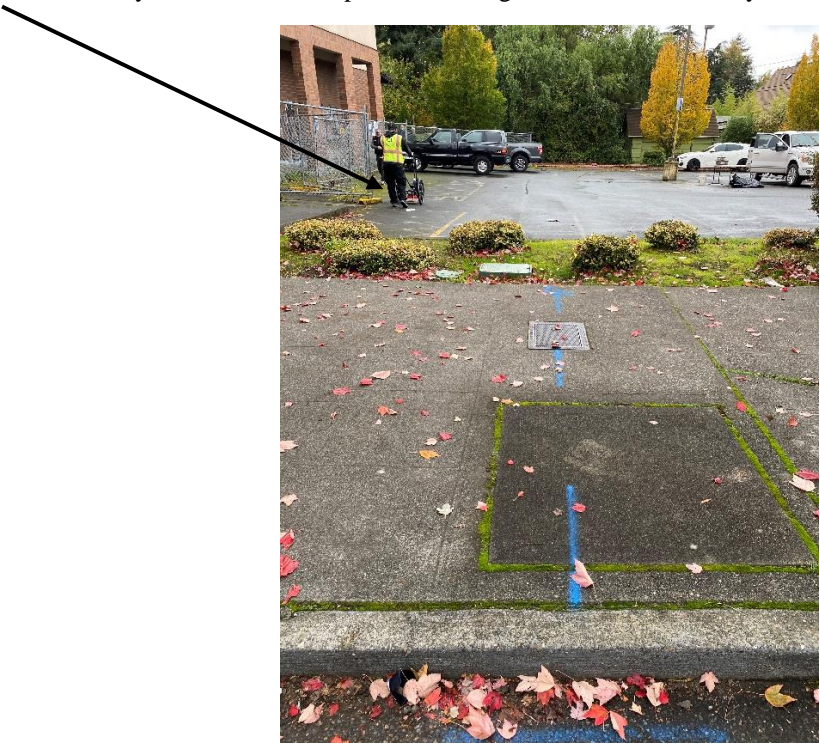


* All measurements and locations are approximate


Figure 2: Site Photographs
Safety Cone indicating catch basin CB #1 (POR)




GPR location by C-N-I Locates of possible underground utilities not fully indicated by #811 locate services.




APPENDIX A:
BORING LOGS

Site Address 8701 Greenwood Ave N, Seattle					Boring ID GSB-1	
Boring Location See site Diagram					Sheet 1 of 1	
Weather					Total Boring Depth 16'	
Sample ID	PID	Water Table	Sample Length	Recovery	Depth in Feet	Date Begun 10-29-2020
						Date Completed 11
						Project Name Singh
						Drilling Crew Chris
						Drilling Co. Stel. Env. Probe
						Drilling Method Direct Push
						Drilling Rig Geoprobe 5410
GSB-1-7		▼			0	0'-1' Asphalt underlain by crushed rock.
						1'-9'
					5	
					9'-15'	Topsoil/Wood Mulch
					10	
					15	15'-16' Sand w/ trace Silt
					15	B.O.B @ 16'
					20	
					25	
					30	


Notes:

Site Address 8701 Greenwood Ave N, Seattle					Boring ID GSB-2		
Boring Location See Site Diagram					Sheet 1 of 1		
Weather					Total Boring Depth 16'		
Sample ID	PID	Water Table	Sample Length	Recovery	Depth in Feet	Description	Date Begun 10-29-2020
							Date Completed ''
GSB-2-5		▼					Project Name Singh
							Drilling Crew Chris
							Drilling Co. Std. Emu Probe
							Drilling Method Direct Push
							Drilling Rig Geoprobe 5410
					0	0'-1' Asphalt underlain by crushed rock	
					1	1'-5' Silt w/ Clay + Sand + Gravel	
					5	5'-14.5' Topsoil / Wood Mulch	
					10		
					15	14.5'-16' Sand w/ trace Silt	
					16	B.O.B. @ 16'	
					20		
					25		
					30		

Notes:

Site Address 8701 Greenwood Ave N, Seattle					Boring ID GSB-3		
Boring Location See Site Diagram					Sheet 1 of 1		
Weather					Total Boring Depth 16'		
Sample ID	PID	Water Table	Sample Length	Recovery	Depth in Feet	Description	Date Begun 10-29-2020
							Date Completed "
GSB-3-5.5		▼					Project Name Singh
							Drilling Crew Chris
							Drilling Co. Std. Env. Probe
							Drilling Method Direct Push
							Drilling Rig Geoprobe 5410
					0	0'-1' Asphalt underlain by crushed rock	
					1	1'-3' Gravel w/ Silt + Sand	
					3	3'-6' Silt w/ Gravel + trace Sand	
					5	6'-14" Topsoil / Wood Mulch	
					10		
					14	14'-16' Sand w/ trace Silt	
					15	B.O.B. @ 16'	
					20		
					25		
					30		

Notes: Slight hydrocarbon sheen noted between depths of 5' and 6'

Site Address 8701 Greenwood Ave N, Seattle							Boring ID	GGB-4
Boring Location See Site Diagram							Sheet	1 of 1
Weather							Total Boring Depth	16'
Sample ID	PID	Water Table	Sample Length	Recovery	Depth in Feet	Description	Date Begun	10-29-2020
							Date Completed	"
GGB-4-3					0	0'-1' Asphalt underlain by crushed rock	Project Name	Singh
					1	1'-3' Gravel w/ Silt + Sand	Drilling Crew	Chris
					3	3'-5' Silt w/ Sand + trace Gravel	Drilling Co.	Std. Enx. Probe
					5	5'-11' Topsoil/Wood mulch	Drilling Method	Direct Push
					11	11'-16' Sand w/ trace Silt	Drilling Rig	Geoprobe 5410
					15	B.O.B. @ 16'		
					20			
					25			
					30			

Notes:

APPENDIX B:
SAMPLES - ANALYTICAL LABORATORY 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

November 18, 2020

Greg Mackay, Project Manager
Left Coast Services
126 SW 148th St
Suite C100-Box 4
Burien, WA 98166-1984

Dear Mr Mackay:

Included are the results from the testing of material submitted on October 29, 2020 from the Singh, F&BI 010545 project. There are 20 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures

c: Kelly Mackay, Alexander Moss
LCS1118R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 29, 2020 by Friedman & Bruya, Inc. from the Left Coast Services Singh, F&BI 010545 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Left Coast Services</u>
010545 -01	MW-01
010545 -02	GSB-1-7
010545 -03	GSB-2-5
010545 -04	GSB-3-5.5
010545 -05	GSB-4-3

Samples MW-01, GSB-3-5.5, and GSB-4-3 were sent to Fremont Analytical for glycol analysis. The report is enclosed.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 10/30/20
Date Analyzed: 11/02/20

**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 50-150)
MW-01 010545-01	<100	75
Method Blank 00-2397 MB	<100	73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 10/30/20
Date Analyzed: 11/03/20

**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)
GSB-3-5.5 010545-04	<0.02	<0.02	0.054	<0.06	42	83
GSB-4-3 010545-05	<0.02	<0.02	<0.02	<0.06	<5	73
Method Blank 00-2393 MB2	<0.02	<0.02	<0.02	<0.06	<5	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 10/30/20
Date Analyzed: 10/30/20

**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> <u>(% Recovery)</u> (Limit 41-152)
MW-01 010545-01	<50	<250	58
Method Blank 00-2453 MB	<50	<250	83

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 11/02/20
Date Analyzed: 11/02/20

**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)
GSB-3-5.5 010545-04	1,100	<500	91
GSB-4-3 010545-05	<50	<250	96
Method Blank 00-2455 MB	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	GSB-1-7	Client:	Left Coast Services
Date Received:	10/29/20	Project:	Singh, F&BI 010545
Date Extracted:	10/30/20	Lab ID:	010545-02
Date Analyzed:	11/02/20	Data File:	110216.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	111	50	150
Toluene-d8	96	50	150
4-Bromofluorobenzene	96	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	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	GSB-2-5	Client:	Left Coast Services
Date Received:	10/29/20	Project:	Singh, F&BI 010545
Date Extracted:	10/30/20	Lab ID:	010545-03
Date Analyzed:	11/02/20	Data File:	110217.D
Matrix:	Soil	Instrument:	GCMS11
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	89	50	150
Toluene-d8	99	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	<0.02
Tetrachloroethene	<0.025

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	Method Blank	Client:	Left Coast Services
Date Received:	Not Applicable	Project:	Singh, F&BI 010545
Date Extracted:	10/30/20	Lab ID:	00-2644 mb
Date Analyzed:	10/30/20	Data File:	103009.D
Matrix:	Soil	Instrument:	GCMS4
Units:	mg/kg (ppm) Dry Weight	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	62	145
Toluene-d8	100	55	145
4-Bromofluorobenzene	98	65	139

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D

Client Sample ID:	MW-01	Client:	Left Coast Services
Date Received:	10/29/20	Project:	Singh, F&BI 010545
Date Extracted:	11/03/20	Lab ID:	010545-01
Date Analyzed:	11/04/20	Data File:	110442.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	57	121
Toluene-d8	103	63	127
4-Bromofluorobenzene	98	60	133

Compounds:	Concentration ug/L (ppb)
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 8260D

Client Sample ID:	Method Blank	Client:	Left Coast Services
Date Received:	Not Applicable	Project:	Singh, F&BI 010545
Date Extracted:	11/03/20	Lab ID:	00-2651 mb
Date Analyzed:	11/03/20	Data File:	110308.D
Matrix:	Water	Instrument:	GCMS4
Units:	ug/L (ppb)	Operator:	JCM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	57	121
Toluene-d8	101	63	127
4-Bromofluorobenzene	99	60	133

Compounds:	Concentration ug/L (ppb)
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

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 10/30/20
Date Analyzed: 11/02/20

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

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)	Surrogate (% Recovery) (Limit 50-150)
GSB-1-7 010545-02	<5	71
GSB-2-5 010545-03	<5	62
Method Blank 00-2396 MB	<5	73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545
Date Extracted: 10/30/20
Date Analyzed: 11/02/20

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS
AS STODDARD SOLVENT
USING METHOD NWTPH-Gx
Results Reported as ug/L (ppb)**

<u>Sample ID</u> Laboratory ID	<u>Stoddard Solvent Range</u> (C ₈ -C ₁₁)	<u>Surrogate</u> (% Recovery) (Limit 50-150)
MW-01 010545-01	<100	75
Method Blank 00-2397 MB	<100	73

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE AND STODDARD SOLVENT
USING METHOD NWTPH-Gx**

Laboratory Code: 010545-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm
Stoddard Solvent	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	94	70-119
Stoddard Solvent	ug/L (ppb)	500	83	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
 Date Received: 10/29/20
 Project: Singh, F&BI 010545

**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: 010572-01 (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)	<5	<5	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	81	70-117
Ethylbenzene	mg/kg (ppm)	0.5	78	65-123
Xylenes	mg/kg (ppm)	1.5	80	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES
FOR STODDARD SOLVENT
USING METHOD NWTPH-Gx**

Laboratory Code: 010545-02 (Duplicate)

<u>Analyte</u>	<u>Reporting Units</u>	<u>Sample Result (Wet Wt)</u>	<u>Duplicate Result (Wet Wt)</u>	<u>RPD (Limit 20)</u>
Stoddard Solvent	mg/kg (ppm)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

<u>Analyte</u>	<u>Reporting Units</u>	<u>Spike Level</u>	<u>Percent Recovery LCS</u>	<u>Acceptance Criteria</u>
Stoddard Solvent	mg/kg (ppm)	10	73	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545

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

Laboratory Code: 010554-07 (Matrix Spike)

<u>Analyte</u>	<u>Reporting Units</u>	<u>Spike Level</u>	<u>Sample Result</u>	<u>Percent Recovery MS</u>	<u>Percent Recovery MSD</u>	<u>Acceptance Criteria</u>	<u>RPD (Limit 20)</u>
Diesel Extended	ug/L (ppb)	2,500	<50	117	124	50-150	6

Laboratory Code: Laboratory Control Sample

<u>Analyte</u>	<u>Reporting Units</u>	<u>Spike Level</u>	<u>Percent Recovery LCS</u>	<u>Percent Recovery LCSD</u>	<u>Acceptance Criteria</u>	<u>RPD (Limit 20)</u>
Diesel Extended	ug/L (ppb)	2,500	104	116	63-142	11

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
Date Received: 10/29/20
Project: Singh, F&BI 010545

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

Laboratory Code: 010594-01 (Matrix Spike)

<u>Analyte</u>	<u>Reporting Units</u>	<u>Spike Level</u>	<u>Sample Result (Wet Wt)</u>	<u>Percent Recovery MS</u>	<u>Percent Recovery MSD</u>	<u>Acceptance Criteria</u>	<u>RPD (Limit 20)</u>
Diesel Extended	mg/kg (ppm)	5,000	<50	94	98	73-135	4

Laboratory Code: Laboratory Control Sample

<u>Analyte</u>	<u>Reporting Units</u>	<u>Spike Level</u>	<u>Percent Recovery LCS</u>	<u>Acceptance Criteria</u>
Diesel Extended	mg/kg (ppm)	5,000	98	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
 Date Received: 10/29/20
 Project: Singh, F&BI 010545

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

Laboratory Code: 010579-11 (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)	1	<0.05	85	80	10-138	6
Chloroethane	mg/kg (ppm)	1	<0.5	92	87	10-176	6
1,1-Dichloroethene	mg/kg (ppm)	1	<0.05	104	104	10-160	0
Methylene chloride	mg/kg (ppm)	1	<0.5	117	112	10-156	4
trans-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	106	105	14-137	1
1,1-Dichloroethane	mg/kg (ppm)	1	<0.05	105	105	19-140	0
cis-1,2-Dichloroethene	mg/kg (ppm)	1	<0.05	109	109	25-135	0
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	<0.05	102	102	12-160	0
1,1,1-Trichloroethane	mg/kg (ppm)	1	<0.05	100	106	10-156	6
Trichloroethene	mg/kg (ppm)	1	<0.02	108	107	21-139	1
Tetrachloroethene	mg/kg (ppm)	1	<0.025	109	109	20-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	mg/kg (ppm)	1	83	22-139
Chloroethane	mg/kg (ppm)	1	86	9-163
1,1-Dichloroethene	mg/kg (ppm)	1	103	47-128
Methylene chloride	mg/kg (ppm)	1	111	42-132
trans-1,2-Dichloroethene	mg/kg (ppm)	1	97	67-129
1,1-Dichloroethane	mg/kg (ppm)	1	98	68-115
cis-1,2-Dichloroethene	mg/kg (ppm)	1	100	72-127
1,2-Dichloroethane (EDC)	mg/kg (ppm)	1	95	56-135
1,1,1-Trichloroethane	mg/kg (ppm)	1	94	62-131
Trichloroethene	mg/kg (ppm)	1	99	64-117
Tetrachloroethene	mg/kg (ppm)	1	92	72-114

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/18/20
 Date Received: 10/29/20
 Project: Singh, F&BI 010545

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
 SAMPLES FOR VOLATILES BY EPA METHOD 8260D

Laboratory Code: 011007-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	
				Recovery MS	Acceptance Criteria
Vinyl chloride	ug/L (ppb)	10	<0.2	94	36-166
Chloroethane	ug/L (ppb)	10	<1	94	46-160
1,1-Dichloroethene	ug/L (ppb)	10	<1	100	60-136
Methylene chloride	ug/L (ppb)	10	<5	107	67-132
trans-1,2-Dichloroethene	ug/L (ppb)	10	<1	90	72-129
1,1-Dichloroethane	ug/L (ppb)	10	<1	94	70-128
cis-1,2-Dichloroethene	ug/L (ppb)	10	<1	93	71-127
1,2-Dichloroethane (EDC)	ug/L (ppb)	10	<1	88	48-149
1,1,1-Trichloroethane	ug/L (ppb)	10	<1	91	60-146
Trichloroethene	ug/L (ppb)	10	<1	89	66-135
Tetrachloroethene	ug/L (ppb)	10	<1	84	10-226

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent		Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	ug/L (ppb)	10	105	102	50-154	3
Chloroethane	ug/L (ppb)	10	107	106	58-146	1
1,1-Dichloroethene	ug/L (ppb)	10	108	106	67-136	2
Methylene chloride	ug/L (ppb)	10	101	95	39-148	6
trans-1,2-Dichloroethene	ug/L (ppb)	10	103	100	68-128	3
1,1-Dichloroethane	ug/L (ppb)	10	100	97	74-135	3
cis-1,2-Dichloroethene	ug/L (ppb)	10	101	99	74-136	2
1,2-Dichloroethane (EDC)	ug/L (ppb)	10	93	92	66-129	1
1,1,1-Trichloroethane	ug/L (ppb)	10	97	95	74-142	2
Trichloroethene	ug/L (ppb)	10	99	95	67-133	4
Tetrachloroethene	ug/L (ppb)	10	94	96	76-121	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 analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



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: 010545
Work Order Number: 2010509

November 17, 2020

Attention Michael Erdahl:

Fremont Analytical, Inc. received 3 sample(s) on 10/30/2020 for the analyses presented in the following report.

Glycols by SW8015
Sample Moisture (Percent Moisture)

This report consists of the following:

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

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

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brianna Barnes".

Brianna Barnes
Project Manager

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

Original

www.fremontanalytical.com

Page 1 of 10



Date: 11/17/2020

CLIENT: Friedman & Bruya
Project: 010545
Work Order: 2010509

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010509-001	MW-01	10/29/2020 11:50 AM	10/30/2020 8:34 AM
2010509-002	GSB-3-5.5	10/29/2020 1:10 PM	10/30/2020 8:34 AM
2010509-003	GSB-4-3	10/29/2020 1:34 PM	10/30/2020 8:34 AM

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

Original

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Case Narrative

WO#: 2010509

Date: 11/17/2020

CLIENT: Friedman & Bruya
Project: 010545

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.

Original

Page 3 of 10



Qualifiers & Acronyms

WO#: 2010509

Date Reported: 11/17/2020

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate

Original

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Analytical Report

Work Order: 2010509
Date Reported: 11/17/2020

CLIENT: Friedman & Bruya
Project: 010545

Lab ID: 2010509-001 **Collection Date:** 10/29/2020 11:50:00 AM
Client Sample ID: MW-01 **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Glycols by SW8015</u>				Batch ID: 30373	Analyst: DW	
Ethylene glycol	ND	10.0		mg/L	1	11/11/2020 1:01:51 PM
Propylene glycol	ND	10.0		mg/L	1	11/11/2020 1:01:51 PM
Surr: 2,4,6-Tribromophenol	81.3	22.2 - 154		%Rec	1	11/11/2020 1:01:51 PM

Lab ID: 2010509-002 **Collection Date:** 10/29/2020 1:10:00 PM
Client Sample ID: GSB-3-5.5 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Glycols by SW8015</u>				Batch ID: 30375	Analyst: DW	
Ethylene glycol	18.7	18.0		mg/Kg-dry	1	11/16/2020 10:25:31 PM
Propylene glycol	ND	18.0		mg/Kg-dry	1	11/16/2020 10:25:31 PM
Surr: 2,4,6-Tribromophenol	87.5	21.7 - 145		%Rec	1	11/16/2020 10:25:31 PM

<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R63267	Analyst: LB	
Percent Moisture	45.3	0.500		wt%	1	11/10/2020 10:35:02 AM

Lab ID: 2010509-003 **Collection Date:** 10/29/2020 1:34:00 PM
Client Sample ID: GSB-4-3 **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<u>Glycols by SW8015</u>				Batch ID: 30375	Analyst: DW	
Ethylene glycol	ND	9.07		mg/Kg-dry	1	11/16/2020 10:39:19 PM
Propylene glycol	ND	9.07		mg/Kg-dry	1	11/16/2020 10:39:19 PM
Surr: 2,4,6-Tribromophenol	92.3	21.7 - 145		%Rec	1	11/16/2020 10:39:19 PM

<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R63267	Analyst: LB	
Percent Moisture	2.99	0.500		wt%	1	11/10/2020 10:35:02 AM

Original



Analytical Report

Work Order: 2010509
Date Reported: 11/17/2020

CLIENT: Friedman & Bruya
Project: 010545

Original

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Date: 11/17/2020

Work Order: 2010509

CLIENT: Friedman & Bruya

Project: 010545

QC SUMMARY REPORT

Glycols by SW8015

Sample ID: MB-30375	SampType: MBLK	Units: mg/Kg			Prep Date: 11/12/2020	RunNo: 63456					
Client ID: MBLKS	Batch ID: 30375				Analysis Date: 11/16/2020	SeqNo: 1273977					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylene glycol	ND	10.0									
Propylene glycol	ND	10.0									
Surr: 2,4,6-Tribromophenol	41.8		50.00		83.5	21.7	145				

Sample ID: LCS-30375	SampType: LCS	Units: mg/Kg			Prep Date: 11/12/2020	RunNo: 63456					
Client ID: LCSS	Batch ID: 30375				Analysis Date: 11/16/2020	SeqNo: 1273976					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylene glycol	103	10.0	100.0	0	103	38	134				
Propylene glycol	93.6	10.0	100.0	0	93.6	42	126				
Surr: 2,4,6-Tribromophenol	45.7		50.00		91.4	21.7	145				

Sample ID: 2010509-002AMS	SampType: MS	Units: mg/Kg-dry			Prep Date: 11/12/2020	RunNo: 63456					
Client ID: GSB-3-5.5	Batch ID: 30375				Analysis Date: 11/16/2020	SeqNo: 1273969					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylene glycol	178	18.7	186.9	18.74	85.2	5	129				
Propylene glycol	169	18.7	186.9	15.60	81.8	5	119				
Surr: 2,4,6-Tribromophenol	91.7		93.45		98.1	21.7	145				

Sample ID: 2010509-002AMSD	SampType: MSD	Units: mg/Kg-dry			Prep Date: 11/12/2020	RunNo: 63456					
Client ID: GSB-3-5.5	Batch ID: 30375				Analysis Date: 11/17/2020	SeqNo: 1273970					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Ethylene glycol	168	18.2	182.4	18.74	81.8	5	129	177.9	5.80	30	
Propylene glycol	161	18.2	182.4	15.60	79.5	5	119	168.5	4.76	30	
Surr: 2,4,6-Tribromophenol	82.9		91.21		90.9	21.7	145		0		

Original

47° 41'34" N 122° 21' 20" W ~260 foot Elevation



Date: 11/17/2020

Work Order: 2010509
 CLIENT: Friedman & Bruya
 Project: 010545

QC SUMMARY REPORT
 Glycols by SW8015

Sample ID: MB-30373	SampType: MBLK	Units: mg/L				Prep Date: 11/11/2020	RunNo: 63331				
Client ID: MBLKW	Batch ID: 30373					Analysis Date: 11/11/2020	SeqNo: 1270993				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylene glycol	ND	10.0									
Propylene glycol	ND	10.0									
Surr: 2,4,6-Tribromophenol	53.6		64.00		83.7	22.2	154				

Sample ID: LCS-30373	SampType: LCS	Units: mg/L				Prep Date: 11/11/2020	RunNo: 63331				
Client ID: LCSW	Batch ID: 30373					Analysis Date: 11/11/2020	SeqNo: 1270991				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylene glycol	316	10.0	400.0	0	79.0	47	143				
Propylene glycol	272	10.0	400.0	0	68.0	48.3	136				
Surr: 2,4,6-Tribromophenol	51.2		64.00		79.9	22.2	154				

Sample ID: LCSD-30373	SampType: LCSD	Units: mg/L				Prep Date: 11/11/2020	RunNo: 63331				
Client ID: LCSW02	Batch ID: 30373					Analysis Date: 11/11/2020	SeqNo: 1270992				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylene glycol	324	10.0	400.0	0	81.1	47	143	315.8	2.66	30	
Propylene glycol	309	10.0	400.0	0	77.3	48.3	136	272.2	12.8	30	
Surr: 2,4,6-Tribromophenol	54.0		64.00		84.3	22.2	154		0		

Sample ID: 2010509-001AMS	SampType: MS	Units: mg/L				Prep Date: 11/11/2020	RunNo: 63331				
Client ID: MW-01	Batch ID: 30373					Analysis Date: 11/11/2020	SeqNo: 1270988				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylene glycol	283	10.0	400.0	3.890	69.8	14.9	163				
Propylene glycol	288	10.0	400.0	5.668	70.6	27.4	139				
Surr: 2,4,6-Tribromophenol	54.4		64.00		85.0	22.2	154				



Sample Log-In Check List

Client Name: FB	Work Order Number: 2010509
Logged by: Gabrielle Coeuille	Date Received: 10/30/2020 8:34:00 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 present on shipping container/cooler? (Refer to comments for Custody Seals not intact) Yes No Not Present
 6. Was an attempt made to cool the samples? Yes No NA
 7. Were all items received at a temperature of >2°C to 6°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 there 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
Sample 1	0.1

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

016545

SAMPLE CHAIN OF CUSTODY *ME* 10-29-20

Page # 1 of 1
NS1
NS2
204

Send Report To: Greg Mackay
 Company: Left Coast Services LLC
 Address: 515 S Southern St
 City, State, ZIP Seattle, WA 98108
 Phone #: (206)762-7500 Fax #: (206)762-7757
 Email Address: uai_zander@yahoo.com

SAMPLERS (signature) *[Signature]*
 PROJECT NAME/NO. Singh PO # _____
 PROJECT ADDRESS 8701 Greenwood Ave N Seattle, WA 98103
 * ELECTRONIC DATA REQUESTED *per AM w/psk*

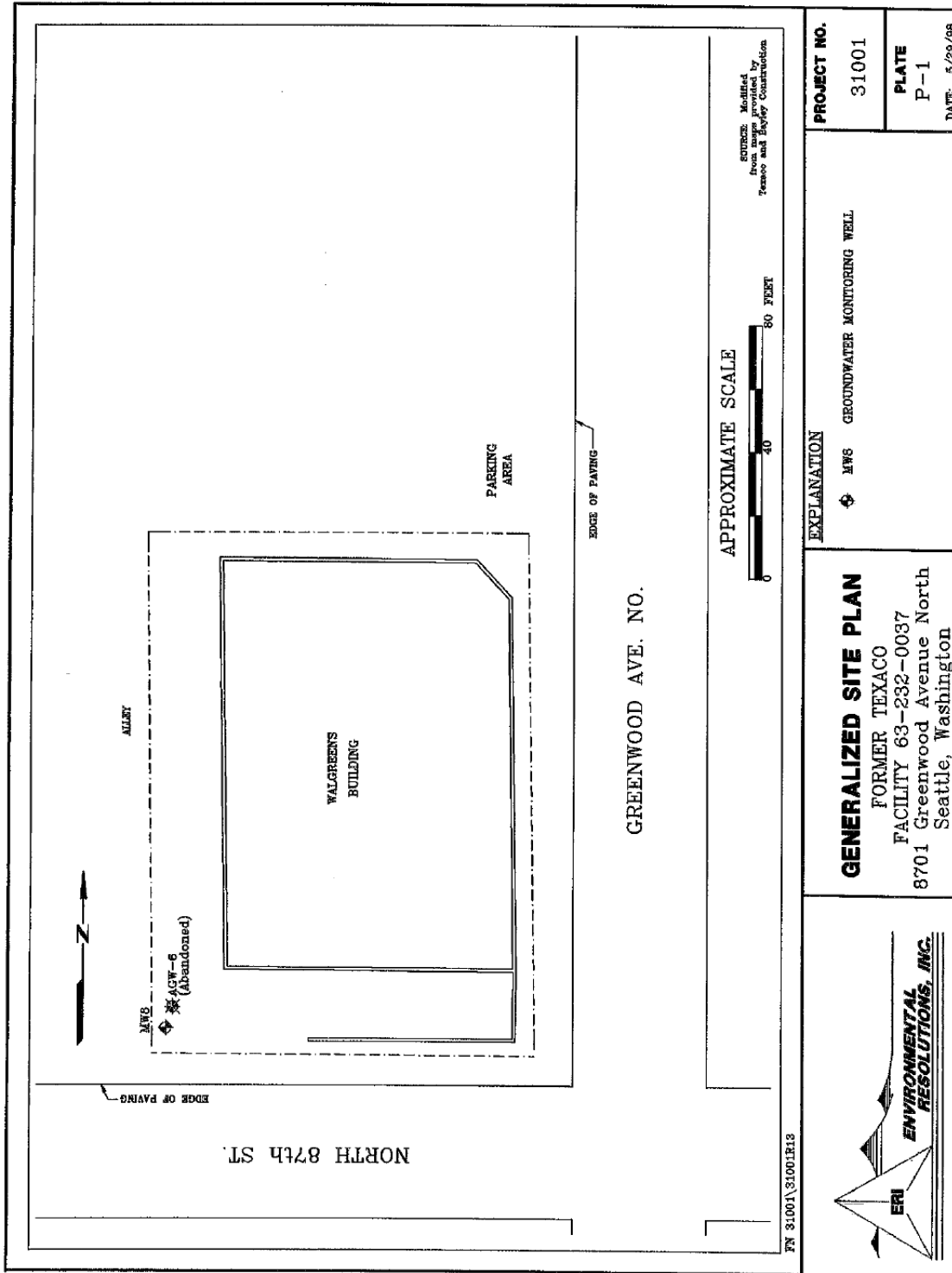
TURNAROUND TIME
 Standard Turnaround
 RUSH 5-Day
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions
 Samples Received at _____ °C

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED						Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	
MW-01	01A-B	10-29-20	11:50	Liquid	8	X	X	X	X	X	Standard per AM w/psk	
GSB-1-7	02A-E		12:22	Soil	5			X		X		
GSB-2-5	03		12:50		5			X		X		
GSB-3-5.5	04		13:10		5	X	X	X		X		
GSB-4-3	05		13:34		5	X	X	X		X		
Samples received at <u>11</u> °C												

MUB
 Friedman & Bruva, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-3039
 Ph. (206) 285-8282
 Fax (206) 283-5044
 FORMS\COG\COC.DOC

Received by: _____
 Reinquished by: *[Signature]*
 Reinquished by: *[Signature]*
 SIGNATURE
 PRINT NAME Alperard Meyer
 COMPANY UCS
 DATE 10/29/20 TIME 15:05

APPENDIX C:
Generalized Site Plan (PLATE P-1)
ERI – 05/29/1998



PROJECT NO. 31001
PLATE P-1
 DATE: 5/29/98

EXPLANATION
 Ⓢ MWS GROUNDWATER MONITORING WELL

GENERALIZED SITE PLAN
 FORMER TEXACO
 FACILITY 63-232-0037
 8701 Greenwood Avenue North
 Seattle, Washington

