



1180 NW Maple St., Suite 310  
Issaquah, WA 98027

T 425.395.0010  
TRCcompanies.com

June 1, 2022

Ms. Jing Song, L.G., L.H.G.  
Washington State Department of Ecology  
15700 Dayton Avenue North  
Shoreline, Washington 98133

Re: Indoor Air Monitoring Report  
Modera River Trail  
15801 and 15945 NE 85<sup>th</sup> Street  
Redmond, Washington

Facility/Site ID: 75292  
Cleanup Site ID: 15281  
VCP Project ID: NW3292

TRC Project Number: 015353.8

Dear Ms. Song:

TRC Environmental Corporation (TRC) is pleased to present this *Indoor Air Monitoring Report* (Report) for the Modera River Trail Site located at 15801 and 15945 NE 85<sup>th</sup> Street in Redmond, Washington (Site). The location of the Site is depicted on Figure 1. This Report is being submitted on behalf of MCRT West Coast, LLC (MCRT).

On June 10, 2021, TRC submitted a Work Plan via email for groundwater and indoor air monitoring to the Washington State Department of Ecology (Ecology). This Work Plan was prepared in response to Ecology's email correspondence on April 28, 2021. Ecology indicated agreement with the details included in the Work Plan via email on June 11, 2021.

TRC has since performed groundwater monitoring and two indoor air monitoring events. Groundwater monitoring results were presented in a letter report dated October 11, 2021.

The purpose of this Report is to present the findings of recent indoor air monitoring and anticipated next steps.

## INITIAL SITE VISIT

Construction at the Site was nearing completion in February 2022. After consulting with MCRT, it was determined that construction had been completed sufficiently enough that indoor air samples would be representative of future conditions. Therefore, TRC performed a Site visit on February 5, 2022 for a potential sampling event. However, during the Site visit, it was observed that a recent paint/primer event associated with touch-up construction work had occurred in the representative sampling locations. Strong paint and primer odors were observed.

General construction materials, including primers, paints, adhesives, and dry wall materials, are known to contain trace concentrations of naphthalene. When these materials are present and/or recently used at a facility, an air sample collected in their proximity may be prone to cross contamination. Concentrations of naphthalene released from these materials to air are expected to dissipate over time and do not persist.

Therefore, due to the high potential for cross contamination, TRC did not submit samples associated with this mobilization for analysis. It was decided to allow for a 2-week venting period prior to sample collection.

## FEBRUARY 2022 AIR SAMPLING

TRC returned to the Site on February 19 to perform indoor air sampling. Two indoor air samples (IA-1 and IA-2) and one background ambient air sample (AA-1) were collected. Sample locations are depicted on Figure 2. Sample IA-1 was collected inside the planned retail portion of the facility. Sample IA-2 was collected inside a residential unit of the facility on the ground floor (Unit 107). Background sample AA-1 was collected outdoors, west-adjacent to the facility.

All samples were collected using 6-liter SUMMA canisters fixed with a 24-hour inlet regulator provided by Friedman & Bruya, Inc. (F&BI). Intake tubing was set at approximately 5 feet above ground surface and Samples were retrieved from the Site on February 20, 2022. The 24-hour sampling period was representative of typical residential exposure within the facility. Facility heaters were running at normal settings during the sampling process.

Samples were submitted to F&BI for analysis of naphthalene by U.S. Environmental Protection Agency (EPA) Method TO-15. A summary of analytical results is included in Table 1. Laboratory analytical reports are included in Attachment A.

Naphthalene was detected in sample IA-1 at a concentration of 0.13 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) and in sample IA-2 at a concentration of 0.15  $\mu\text{g}/\text{m}^3$ . Naphthalene was not detected in background sample AA-1 at a concentration exceeding the method detection limit of 0.057  $\mu\text{g}/\text{m}^3$ .

Concentrations observed at IA-1 and IA-2 were adjusted using half the method detection. This resulted in the following adjusted naphthalene concentrations:

- IA-1: 0.1015  $\mu\text{g}/\text{m}^3$
- IA-2: 0.1215  $\mu\text{g}/\text{m}^3$

The adjusted concentrations of naphthalene at IA-1 and IA-2 exceeded the Model Toxics Control Act (MTCA) Method B carcinogenic indoor air cleanup level (Method B CUL) of 0.074  $\mu\text{g}/\text{m}^3$ .

Due to the recent installation of drywall, associated adhesives/sealants, and primer/paint events, TRC concluded that a high likelihood of cross contamination with construction materials remained a potential factor in the sampling results. Therefore, the observed presence of naphthalene at concentrations exceeding the Method B CUL is not likely representative of future conditions.

TRC recommended that MCRT perform ventilation to allow for construction-related vapors to dissipate prior to resampling.

### **MARCH 2022 AIR SAMPLING**

After an approximate 4-week waiting period with periodic ventilation, TRC mobilized to the Site on March 23 to perform indoor air re-sampling. During this sampling event, samples were collected from the exact same locations as the February 2022 sampling event and collected using the exact same methods. Sample locations are depicted on Figure 2. Facility heaters were again running at normal settings during the sampling process.

Samples were submitted to F&BI for analysis of naphthalene via EPA Method TO-15. A summary of analytical results is included in Table 1. Laboratory analytical reports are included in Attachment A.

Naphthalene was detected in both of the samples collected at IA-1 and IA-2 at an identical concentration of 0.094  $\mu\text{g}/\text{m}^3$ . Naphthalene was not detected at AA-1 at a concentration exceeding the method detection limit of 0.057  $\mu\text{g}/\text{m}^3$ .

Concentrations observed at IA-1 and IA-2 were adjusted using half the method detection limit. This resulted in the following adjusted naphthalene concentrations:

- IA-1: 0.0655  $\mu\text{g}/\text{m}^3$
- IA-2: 0.0655  $\mu\text{g}/\text{m}^3$

The adjusted concentrations of naphthalene at IA-1 and IA-2 are less than the Method B CUL of 0.074  $\mu\text{g}/\text{m}^3$ .

### **CONCLUSIONS**

The following conclusions are supported by the analytical results for the indoor air sampling events documented herein:

- Samples collected during the February 2022 event contained naphthalene at concentrations exceeding the Method B CUL. It is TRC's opinion that these exceedances were due to cross contamination with construction materials present at the time of sampling. Therefore, these results are not considered representative of future conditions.
- Samples collected during the March re-sampling event were in compliance with the Method B CUL. These samples were collected after an appropriate waiting period and ventilation. This sampling event demonstrates a lack of persistent naphthalene in indoor air during the heating season.

## FUTURE INDOOR AIR SAMPLING COMPLIANCE

In accordance with the Work Plan, TRC plans to perform an additional indoor air sampling event in July 2022. This sampling event will evaluate concentrations of naphthalene in indoor air during the cooling season. Future sample locations and sampling methods will be the same as those used during the investigation documented herein.

## CLOSING

Please contact us at the email addresses below or at (425) 395-0010 if you have any questions or comments regarding the previous or planned indoor air sampling events.

Sincerely,



*Prepared by:*  
Ramsey Mauldin  
Senior Environmental Scientist  
[rmauldin@trccompanies.com](mailto:rmauldin@trccompanies.com)



ERIC MICHAEL KOLTES

*Reviewed and approved by:*  
Eric Koltes, L.G.  
Principal Geologist  
[ekoltes@trccompanies.com](mailto:ekoltes@trccompanies.com)

## **ENCLOSURES**

### **Tables**

Table 1            Indoor Air Monitoring Analytical Results

### **Figures**

Figure 1           General Vicinity Map

Figure 2           Site Representation

### **Attachments**

Attachment A    Laboratory Analytical Results

## Tables


**Table 1**  
**Indoor Air Monitoring Analytical Results**  
**Indoor Air Monitoring Report**  
**Modera River Trail Property**  
**15801 and 15945 Northeast 85th Street, Redmond, Washington**

Event	Sample Type	Sample ID	Naphthalene <sup>a</sup>
February 19, 2022	Ambient Air	AA-1	<0.057 j
	Indoor Air	IA-1	0.13
		IA-1 (adjusted) <sup>b</sup>	0.1015
		IA-2	0.15
		IA-2 (adjusted) <sup>b</sup>	0.1215
March 23, 2022	Ambient Air	AA-1	<0.057 j
	Indoor Air	IA-1	0.094 j
		IA-1 (adjusted) <sup>b</sup>	0.0655
		IA-2	0.094 j
		IA-2 (adjusted) <sup>b</sup>	0.0655
Indoor Air Cleanup Level <sup>c</sup>			0.074

Notes:

All results presented in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ).  
Half the reporting limit used to calculate adjusted values when background samples were less than the detection limit.

**Bold** Bold results exceed the laboratory reporting limit.

 Shaded results exceed the cleanup level.

a Analyzed by EPA Method TO-15.

b Adjusted indoor air value calculated by subtracting background from indoor air results.

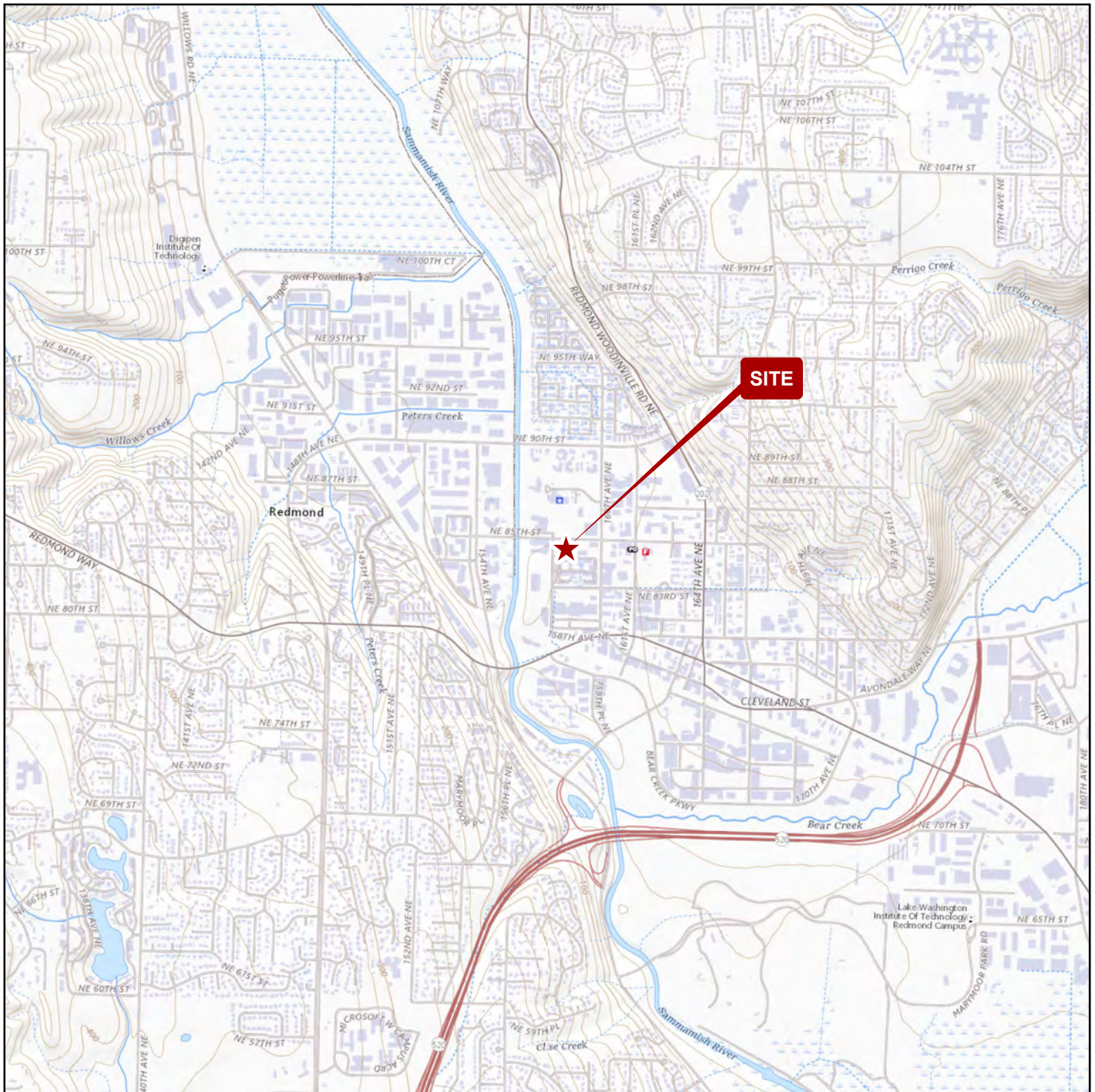
c Model Toxics Control Act (MTCA) Method B Indoor Air Cleanup Level from Cleanup Levels and Risk Calculations (CLARC) database. Where levels based on carcinogenic, the lower value is listed.

Qualifier:

j The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

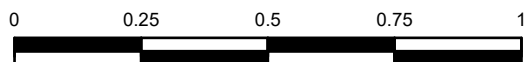
## Figures





SITE  
KING COUNTY

SOURCE: USGS, THE NATIONAL MAP



APPROXIMATE SCALE IN MILES



1180 NW MAPLE ST, SUITE 310  
ISSAQUAH, WA 98027  
425.395.0010  
WWW.TRCCOMPANIES.COM

## FIGURE 1 GENERAL VICINITY MAP

**REPORT**  
INDOOR AIR MONITORING REPORT

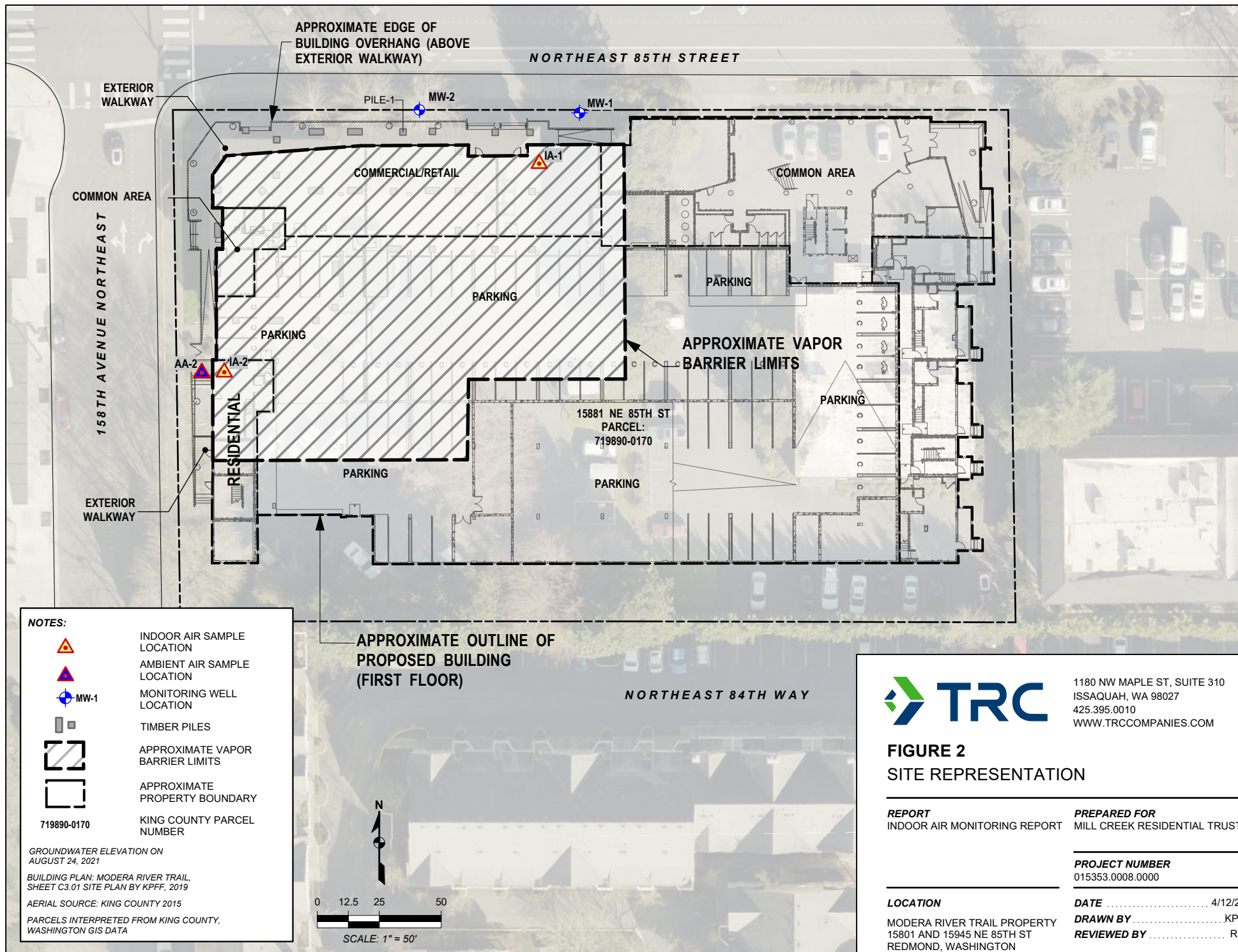
**PREPARED FOR**  
MILL CREEK RESIDENTIAL TRUST

**PROJECT NUMBER**  
015353.0008.0000

**LOCATION**  
MODERA RIVER TRAIL PROPERTY  
15801 AND 15945 NE 85TH ST  
REDMOND, WASHINGTON

**DATE** ..... 4/12/22  
**DRAWN BY** ..... KPC  
**REVIEWED BY** ..... RM





**Attachment A**  
**Laboratory Analytical Results**

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

March 2, 2022

Ramsey Mauldin, Project Manager  
TRC Environmental  
1180 NW Maple St, Suite 310  
Issaquah, WA 98027

RE: 015353.8 P1 T5 MCRT Redmond, F&BI 202382

Dear Mr Mauldin:

Included are the results from the testing of material submitted on February 21, 2022 from the 015353.8 P1 T5 MCRT Redmond, F&BI 202382 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 have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
c: Cynthia Moon  
TRC0302R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 21, 2022 by Friedman & Bruya, Inc. from the TRC Environmental 015353.8 P1 T5 MCRT Redmond, F&BI 202382 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>TRC Environmental</u>
202382-01	IA-1
202382-02	IA-2
202382-03	AA-1

All quality control requirements were acceptable.

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	IA-1	Client:	TRC Environmental
Date Received:	02/21/22	Project:	015353.8 P1 T5 MCRT Redmond
Date Collected:	02/19/22	Lab ID:	202382-01
Date Analyzed:	02/23/22	Data File:	023112.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

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

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	0.13	0.024

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	IA-2	Client:	TRC Environmental
Date Received:	02/21/22	Project:	015353.8 P1 T5 MCRT Redmond
Date Collected:	02/19/22	Lab ID:	202382-02
Date Analyzed:	02/23/22	Data File:	023113.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

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

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	0.15	0.028

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	AA-1	Client:	TRC Environmental
Date Received:	02/21/22	Project:	015353.8 P1 T5 MCRT Redmond
Date Collected:	02/19/22	Lab ID:	202382-03
Date Analyzed:	02/23/22	Data File:	023114.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

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

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	<0.057 j	<0.011 j



# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	Method Blank	Client:	TRC Environmental
Date Received:	Not Applicable	Project:	015353.8 P1 T5 MCRT Redmond
Date Collected:	Not Applicable	Lab ID:	02-0468 MB
Date Analyzed:	02/23/22	Data File:	023111.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

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

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	<0.057 j	<0.011 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/02/22

Date Received: 02/21/22

Project: 015353.8 P1 T5 MCRT Redmond, F&BI 202382

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

Laboratory Code: 202336-03 1/5.6 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Naphthalene	ug/m3	<1.5	<1.5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	ug/m3	71	92	70-130

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### **Data Qualifiers & Definitions**

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

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

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

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

cf - The sample was centrifuged prior to analysis.

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

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

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

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

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

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

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

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

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

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

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

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

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

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

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

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

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

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

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

# SAMPLE CHAIN OF CUSTODY

02-21-22

Page #

of

1

202382  
Report to Ramsey MacIdin  
Company TPC  
Address 1160 NW Maple St. Ste 310  
City, State, ZIP 15540004, WA  
Phone 412-395-0010 Email RamseyMacIdin@ramsey.com

SAMPLERS (signature) Ramsey MacIdin		PROJECT NAME & ADDRESS 015353.48 P1 TS MCRT Redmond	PO #
NOTES:		INVOICE TO	

TURNAROUND TIME	
<input checked="" type="checkbox"/> Standard	SAMPLE DISPOSAL Default: Clean after 3 days Archive (Fee may apply)
<input type="checkbox"/> RUSH	
Rush charges authorized by:	

SAMPLE INFORMATION						ANALYSIS REQUESTED										
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium	Naphthalene	Notes
IA-1	01	20543	15213	IA / SG	2-19-20	730	1010	5.5	1010						X	
IA-2	02	13564	15216	IA / SG	2-19-20	30	1016	6	1016						X	
AA-1	03	18566	15209	IA / SG	2-19-20	730	1024	6	1024						X	
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												

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:	Ramsey MacIdin	Ramsey MacIdin	TPC	2-21-22	0910		
Received by:	TPC	TPC	TPC	2/21/22	9:10		
Relinquished by:							
Received by:							

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

April 5, 2022

Ramsey Mauldin, Project Manager  
TRC Environmental  
1180 NW Maple St, Suite 310  
Issaquah, WA 98027

RE: 015353.8 P1 T8 MCRT Redmond, F&BI 203467

Dear Mr Mauldin:

Included are the results from the testing of material submitted on March 25, 2022 from the 015353.8 P1 T8 MCRT Redmond, F&BI 203467 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 have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
c: Cynthia Moon  
TRC0405R.DOC

FRIEDMAN & BRUYA, INC.

---

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 25, 2022 by Friedman & Bruya, Inc. from the TRC Environmental 015353.8 P1 T8 MCRT Redmond, F&BI 203467 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>TRC Environmental</u>
203467 -01	IA-1
203467 -02	IA-2
203467 -03	AA-1

All quality control requirements were acceptable.

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	IA-1	Client:	TRC Environmental
Date Received:	03/25/22	Project:	015353.8 P1 T8 MCRT Redmond
Date Collected:	03/23/22	Lab ID:	203467-01
Date Analyzed:	03/29/22	Data File:	032846.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	93	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	0.094 j	0.018 j

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	IA-2	Client:	TRC Environmental
Date Received:	03/25/22	Project:	015353.8 P1 T8 MCRT Redmond
Date Collected:	03/23/22	Lab ID:	203467-02
Date Analyzed:	03/29/22	Data File:	032847.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

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

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	0.094 j	0.018 j



# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	AA-1	Client:	TRC Environmental
Date Received:	03/25/22	Project:	015353.8 P1 T8 MCRT Redmond
Date Collected:	03/23/22	Lab ID:	203467-03
Date Analyzed:	03/29/22	Data File:	032848.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	88	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	<0.057 j	<0.011 j

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

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

Client Sample ID:	Method Blank	Client:	TRC Environmental
Date Received:	Not Applicable	Project:	015353.8 P1 T8 MCRT Redmond
Date Collected:	Not Applicable	Lab ID:	02-0705 MB
Date Analyzed:	03/29/22	Data File:	032845.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

	%	Lower	Upper
Surrogates:	Recovery:	Limit:	Limit:
4-Bromofluorobenzene	83	70	130

	Concentration	
Compounds:	ug/m3	ppbv
Naphthalene	<0.057 j	<0.011 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/05/22

Date Received: 03/25/22

Project: 015353.8 P1 T8 MCRT Redmond, F&BI 203467

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

Laboratory Code: 203420-01 1/5.9 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Naphthalene	ug/m3	<1.5	<1.5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Naphthalene	ug/m3	71	78	70-130

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### **Data Qualifiers & Definitions**

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

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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.

2034167

## SAMPLE CHAIN OF CUSTODY

03-25-22

Page # 1 of 1

Report To Ramsey MacIdinCompany TRCAddress 1180 NW Maple St. Ste. 310City, State, ZIP 15504 Seattle WA 98027Phone 425-395-0019 Email RamseyMacIdin@trc.comSAMPLELERS (signature) Ramsey MacIdin

PROJECT NAME &amp; ADDRESS

015353.8 P1 T8

MCRT Redmond

NOTES:

PO #

INVOICE TO

TURNAROUND TIME

Standard

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Default: Clean after 3 days

Archive (Fee may apply)

## SAMPLE INFORMATION

## ANALYSIS REQUESTED

Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium	TO-15 Naphthalene	Notes
IA-1	01	23230	15214	IA / SG	3-23-22	>30	1642	6.5	1642						X	
IA-2	02	20550	15215	IA / SG	1	>30	1637	5	1637						X	
AA-1	03	21453	15212	IA / SG	1	30	1633	3	1633						X	
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												
				IA / SG												

## SIGNATURE

## PRINT NAME

## COMPANY

## DATE

## TIME

Friedman & Bruya, Inc.  
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

Relinquished by:

Ramsey MacIdinRamsey MacIdinTRC3/25/221310

Received by:

Ann BruyaAnn BruyaFAB3/25/221310

Relinquished by:

Ann BruyaAnn BruyaFAB3/25/221310

Received by:

Ann BruyaAnn BruyaFAB3/25/221310