

## SEATTLE ASBESTOS TEST

Lynnwood Laboratory: 19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel: 425.673.9850, Fax: 425.673.9810, NVLAP Lab Code: 200768-0

Disclaimer: This report must not be used by the client to claim product certification, approval, or endorsement by Seattle Asbestos Test, LLC, NVLAP, NIST, or any agency of the Federal government.

### ANALYTICAL LABORATORY REPORT PLM by Method EPA/600/R-93/116

Attn.: Anthony Fullerton  
Job#: 8842.1

Samples Rec'd: 71

Client: Med-Tox, Northwest  
Batch#: 201911093

Date Analyzed: 7/3/2019

Address: PO Box 1446, Auburn, WA 98071-1446  
Date Received: 6/27/2019

Samples Analyzed: 71

Project Loc.: 2338 11th St, Tacoma, WA

Analyzed by: Yajun Gao

Reviewed by: Steve (Fanyao) Zhang, President

*SZhang*

64	8842.1-2338-64	8	Black asphaltic material	None detected	Asphalt/binder	3	Cellulose
		9	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	58	Glass fibers, Cellulose
		10	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	35	Glass fibers, Cellulose
		11	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	30	Cellulose
		12	Black asphaltic material	None detected	Asphalt/binder	2	Cellulose
		13	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	30	Cellulose
		14	Black asphaltic material	None detected	Asphalt/binder	3	Glass fibers, Cellulose
65	8842.1-2338-65	1	Silver paint	None detected	Paint, Filler	4	Cellulose
		2	Black asphaltic material	None detected	Asphalt/binder	2	Cellulose
		3	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	25	Glass fibers, Cellulose
		4	Black asphaltic material	None detected	Asphalt/binder	3	Cellulose
		5	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	26	Glass fibers, Cellulose
		6	Black asphaltic material	None detected	Asphalt/binder	2	Cellulose
		7	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	28	Cellulose
		8	Black asphaltic material	None detected	Asphalt/binder	3	Cellulose
		9	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	30	Cellulose
		10	Black asphaltic material	None detected	Asphalt/binder	3	Cellulose
		11	Black asphaltic material with fibrous material	None detected	Asphalt/binder, Filler	30	Cellulose
66	8842.1-2338-66	1	Silver paint	None detected	Paint, Filler	4	Cellulose
		2	Black asphaltic material	None detected	Asphalt/binder	3	Cellulose

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Attn.: Anthony Fullerton  
Job#: 8842.1  
Samples Rec'd: 71  
Client: Med-Tox, Northwest  
Batch#: 201911093  
Date Analyzed: 7/3/2019  
Address: PO Box 1446, Auburn, WA 98071-1446  
Date Received: 6/27/2019  
Samples Analyzed: 71  
Project Loc.: 2338 11th St, Tacoma, WA

Analyzed by:  Yajun Cao

Reviewed by:  Steve (Fanyao) Zhang, President

67	8842.1-2338-67	1	Silver paint	<b>None detected</b>	Paint, Filler	3	Cellulose
		2	Black asphaltic material	<b>None detected</b>	Asphalt/binder	2	Cellulose
68	8842.1-2338-68	1	Silver paint	<b>None detected</b>	Paint, Filler	4	Cellulose
		2	Black asphaltic material	<b>None detected</b>	Asphalt/binder	3	Glass fibers, Cellulose
69	8842.1-2338-69	1	Black asphaltic material	<b>None detected</b>	Asphalt/binder	4	Cellulose
70	8842.1-2338-70	1	Black asphaltic material	<b>None detected</b>	Asphalt/binder	4	Cellulose
71	8842.1-2338-71	1	Black asphaltic material with trace silver paint	<b>None detected</b>	Asphalt/binder, Paint	5	Cellulose

**SEATTLE ASBESTOS TEST**

NVLAP Accreditation Lab Codes: 200768 and 201057

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4500 9th Ave., NE, Suite 300, Seattle, WA 98105  
Website:www.seattleasbestostest.com, Email:admin@seattleasbestostest.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-04

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 4  
Previous Description: Off-white powdery material with yellow paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 1

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	1	49	50
Slide 8	0	50	50
<b>Total</b>	<b>3</b>	<b>397</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.75%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



**SEATTLE ASBESTOS TEST**

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Website:www.seattleasbestostest.com, Email:admin@seattleasbestostest.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-09

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 9  
Previous Description: Off-white powdery material with paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 2

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	1	49	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao



Reviewed by: Steve Zhang, President

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Website:www.seattleasbestostest.com, Email:admin@seattleasbestostest.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-10

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 10  
Previous Description: Off-white powdery material with paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 3

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	1	49	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



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**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-11

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 11  
Previous Description: Off-white powdery material with paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 4

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	1	49	50
Slide 8	0	50	50
<b>Total</b>	<b>1</b>	<b>399</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.25%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



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**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

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Sample Requested for Point CountPrevious Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID:  
Previous Description: Off-white powdery material with paper  
Layer to be Point Counted: 2  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 5

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao



Reviewed by: Steve Zhang, President

**SEATTLE ASBESTOS TEST**

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Website:www.seattleasbestostest.com, Email:admin@seattleasbestostest.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-16

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 16  
Previous Description: Tan tile with gray paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 6

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	1	49	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	1	49	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao



Reviewed by: Steve Zhang, President

**SEATTLE ASBESTOS TEST**

NVLAP Accreditation Lab Codes: 200768 and 201057

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Website:www.seattleasbestos-test.com, Email:admin@seattleasbestos-test.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point CountPrevious Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID:  
Previous Description: Black mastic  
Layer to be Point Counted: 2  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 7

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>1</b>	<b>399</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.25%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



**SEATTLE ASBESTOS TEST**

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**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-17

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 17  
Previous Description: Tan tile  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 8

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	1	49	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	1	49	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



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### PLM by Point Count (400 points)

Attention: Anthony Fullerton  
 Client: Med-Tox, Northwest  
 Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
 Laboratory Batch #: 201911277  
 Date Received: 7/10/2019  
 Samples Received: 11  
 Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

#### Sample Requested for Point Count

#### Previous Analytical Information

Previously Analyzed by: Yajun Gao  
 Previous Batch #: 201911093  
 Previous Lab ID:  
 Previous Description: Black mastic with debris  
 Layer to be Point Counted: 2  
 Asbestos Type Found: Chrysotile  
 Asbestos Percentage Found: 2

#### Point Count Analytical Procedures

New Lab ID: 9

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>1</b>	<b>399</b>	<b>400</b>

#### Point Count Summary Results

Type of Asbestos: Chrysotile  
 Percentage of Asbestos: 0.25%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



**SEATTLE ASBESTOS TEST**

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**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

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Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-52

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 52  
Previous Description: Tan powdery material with paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 10

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	1	49	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	1	49	50
Slide 8	0	50	50
<b>Total</b>	<b>2</b>	<b>398</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.5%

Analyzed By: Yajun Gao

Reviewed by: Steve Zhang, President



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Website:www.seattleasbestos.com, Email:admin@seattleasbestos.com

**PLM by Point Count (400 points)**

Attention: Anthony Fullerton  
Client: Med-Tox, Northwest  
Address: PO Box 1446, Auburn, WA 98071-1446

Client Job #: 8842.1  
Laboratory Batch #: 201911277  
Date Received: 7/10/2019  
Samples Received: 11  
Date Analyzed: 7/10/2019

Project: 2338 11th St, Tacoma, WA

Sample Requested for Point Count 8842.1-2338-53

Previous Analytical Information

Previously Analyzed by: Yajun Gao  
Previous Batch #: 201911093  
Previous Lab ID: 53  
Previous Description: Tan powdery material with paint  
Layer to be Point Counted: 1  
Asbestos Type Found: Chrysotile  
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 11

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	2	48	50
Slide 2	0	50	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	1	49	50
Slide 7	0	50	50
Slide 8	0	50	50
<b>Total</b>	<b>3</b>	<b>397</b>	<b>400</b>

Point Count Summary Results

Type of Asbestos: Chrysotile  
Percentage of Asbestos: 0.75%

Analyzed By: Yajun Gao



Reviewed by: Steve Zhang, President

WSP/ Port of Tacoma  
2338 11<sup>th</sup> Street  
Hazardous Building Materials Survey



## **Appendix F**

### **Analytical Reports- Lead**

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**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>

EMSL Order:	161912736
CustomerID:	MEDT50
CustomerPO:	
ProjectID:	

Attn: **Anthony Fullerton**  
**Med-Tox Northwest**  
**PO Box 1446**  
**Auburn, WA 98071**

Phone: (253) 351-0677  
Fax: (253) 351-0688  
Received: 06/28/19 9:00 AM  
Collected: 6/26/2019

Project: 8842.1 / 2338 EAST 11TH STREET

**Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)\***

<i>Client Sample Description</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>RDL</i>	<i>Lead Concentration</i>
8842.1-2338-01Pb 161912736-0001	6/26/2019	7/3/2019 Site: INTERIOR DOOR / DOOR FRAME / WOOD / BLACK	0.1803 g	110 ppm	<110 ppm
8842.1-2338-02Pb 161912736-0002	6/26/2019	7/3/2019 Site: INTERIOR WALL / WALL / GWB / WHITE	0.2256 g	89 ppm	1200 ppm
8842.1-2338-03Pb 161912736-0003	6/26/2019	7/3/2019 Site: IINTERIOR / CEILING / WOOD / WHITE	0.2394 g	84 ppm	3300 ppm
8842.1-2338-04Pb 161912736-0004	6/26/2019	7/3/2019 Site: INTERIOR / WALL / WOOD /WHITE	0.2316 g	86 ppm	<86 ppm
8842.1-2338-05Pb 161912736-0005	6/26/2019	7/3/2019 Site: EXTERIOR / SIDING / WOOD /GRAY	0.2316 g	2200 ppm	5800 ppm
8842.1-2338-06Pb 161912736-0006	6/26/2019	7/3/2019 Site: INTERIOR / FLOOR / CONCRETE / BEIGE	0.2301 g	87 ppm	190 ppm
8842.1-2338-07Pb 161912736-0007	6/26/2019	7/3/2019 Site: INTERIOR / WALL / CMU / LIGH GREEN	0.2265 g	88 ppm	260 ppm
8842.1-2338-08Pb 161912736-0008	6/26/2019	7/3/2019 Site: INTERIOR / WALL / GWB / BLACK	0.1169 g	170 ppm	<170 ppm
8842.1-2338-09Pb 161912736-0009	6/26/2019	7/3/2019 Site: INTERIOR / WALL / GWB / BEIGE	0.239 g	2100 ppm	5700 ppm
8842.1-2338-10Pb 161912736-0010	6/26/2019	7/3/2019 Site: INTERIOR / WALL / BRICK / LIGH GREEN	0.2328 g	2100 ppm	8600 ppm
8842.1-2338-11Pb 161912736-0011	6/26/2019	7/3/2019 Site: INTERIOR / CEILING / FIBERBOARD / OFF WHITE	0.2318 g	86 ppm	2200 ppm

Doug Wiegand, Laboratory Manager  
or other approved signatory

\*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC--ELLAP 157245, OH E10040

Initial report from 07/08/2019 08:10:03

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order:	161912736
CustomerID:	MEDT50
CustomerPO:	
ProjectID:	

Attn: **Anthony Fullerton**  
**Med-Tox Northwest**  
**PO Box 1446**  
**Auburn, WA 98071**

Phone: (253) 351-0677  
Fax: (253) 351-0688  
Received: 06/28/19 9:00 AM  
Collected: 6/26/2019

Project: **8842.1 / 2338 EAST 11TH STREET****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)\***

<b>Client Sample Description</b>	<b>Collected</b>	<b>Analyzed</b>	<b>Weight</b>	<b>RDL</b>	<b>Lead Concentration</b>
8842.1-2338-12Pb 161912736-0012	6/26/2019	7/3/2019 Site: EXTERIOR / WALL / CONCRETE / LIGH GRAY	0.2388 g	2100 ppm	26000 ppm
8842.1-2338-13Pb 161912736-0013	6/26/2019	7/3/2019 Site: SHOP EXTERIOR / WALL / WOOD / LIGHT GRAY	0.2352 g	2100 ppm	9200 ppm
8842.1-2338-14Pb 161912736-0014	6/26/2019	7/3/2019 Site: EXTERIOR / WALL / CMU / LIGHT GRAY	0.2272 g	88 ppm	350 ppm

Doug Wiegand, Laboratory Manager  
or other approved signatory

\*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC--ELLAP 157245, OH E10040

Initial report from 07/08/2019 08:10:03

## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

161912736

PHONE:  
FAX

Company: Med-Tox Northwest		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same If Bill to is Different note instructions in Comments	
Street: PO Box 1446	Third Party Billing requires written authorization from third party		
City: Auburn	State/Province: WA	Zip/Postal Code: 98071	Country: US
Report To (Name): Anthony Fullerton		Telephone #: 253-351-0677	
Email Address: fullertona@medtoxnw.com		Fax #: 253-351-0688	
Project Name/Number: 8842 1 / 2338 East 11TH Street		Purchase Order: <input type="checkbox"/> Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: WA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

## Turnaround Time (TAT) Options\* - Please Check

 3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

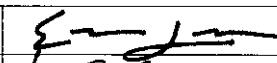
\*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input checked="" type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B SW846-6010B or C SW846-7000B/7010	Flame Atomic Absorption ICP-AES Graphite Furnace AA	10 µg/wipe 1.0 µg/wipe 0.075 µg/wipe	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B SW846-1131/SW846-6010B or C	Flame Atomic Absorption ICP-AES	0.4 mg/L (ppm) 0.1 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/>
Soil	SW846-7000B SW846-7010 SW846-6010B or C	Flame Atomic Absorption Graphite Furnace AA ICP-AES	40 mg/kg (ppm) 0.3 mg/kg (ppm) 2 mg/kg (ppm)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Wastewater Unpreserved Preserved with HNO <sub>3</sub> pH < 2	SM3111B/SW846-7000B EPA 200.9 EPA 200.7	Flame Atomic Absorption Graphite Furnace AA ICP-AES	0.4 mg/L (ppm) 0.003 mg/L (ppm) 0.020 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Drinking Water Unpreserved Preserved with HNO <sub>3</sub> pH < 2	EPA 200.9 EPA 200.8	Graphite Furnace AA ICP-MS	0.003 mg/L (ppm) 0.001 mg/L (ppm)	<input type="checkbox"/> <input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50 40 CFR Part 50	ICP-AES Graphite Furnace AA	12 µg/filter 3.6 µg/filter	<input type="checkbox"/> <input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: ERIC JARVIS

Signature of Sampler: 

Sample #	Location	Volume/Area	Date/Time Sampled
8842.1-2338-01Pb			6-26-19 / 1400
Through	See Table		
8842.1-2338-14Pb			

Client Sample #'s	- 8842.1-2338-01Pb to 8842.1-2338-14Pb		Total # of Samples:	14
Relinquished (Client):		Date:	6/27/19	Time: 16:00
Received (Lab):		Date:	6/28/19	Time: 9:00 AM
Comments:				

161912734

**Table . Summary of Bulk Paint Chip Sample Results.**

Sample Number	Location	Component	Substrate	Color	Result (%wt*)
<b>2338 East 11<sup>th</sup> Street</b>					
8842.1-2338-01Pb	Interior door	Door frame	Wood	Black	
8842.1-2338-02Pb	Interior wall	Wall	GWB	White	
8842.1-2338-03Pb	Interior	Ceiling	Wood	White	
8842.1-2338-04Pb	Interior	Wal	Wood	White	
8842.1-2338-05Pb	Exterior	Siding	Wood	Gray	
8842.1-2338-06Pb	Interior	Floor	Concrete	Beige	
8842.1-2338-07Pb	Interior	Wall	CMU	Light Green	
8842.1-2338-08Pb	Interior	Wall	GWB	Black	
8842.1-2338-09Pb	Interior	Wall	GWB	Beige	
8842.1-2338-10Pb	Interior	Wall	Brick	Light Green	
8842.1-2338-11Pb	Interior	Ceiling	Fiberboard	Off White	
8842.1-2338-12Pb	Exterior	Wall	Concrete	Light Gray	
8842.1-2338-13Pb	Shop Exterior	Wall	Wood	Light Gray	
8842.1-2338-14Pb	Exterior	Wall	CMU	Light Gray	

%wt = percent by weight, CMU = cement masonry unit, GWB = gypsum wallboard

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com>

EMSL Order:	161912762
CustomerID:	MEDT50
CustomerPO:	
ProjectID:	

Attn: **Anthony Fullerton**  
**Med-Tox Northwest**  
**PO Box 1446**  
**Auburn, WA 98071**

Phone: (253) 351-0677  
Fax: (253) 351-0688  
Received: 06/28/19 9:00 AM  
Collected:

Project: **8842.1 / 2338****Test Report: Toxicity Characteristic Leachate Procedure (1311/7000B)**

<i>Client Sample Description</i>	<i>Collected</i>	<i>Analyzed</i>	<i>RDL</i>	<i>Lead Concentration</i>
8842.1-2338-01TCLP	7/3/2019		0.40 mg/L	<0.40 mg/L
161912762-0001	Site: PAINTED/UNPAINTED BLDG MATERIALS			

Doug Wiegand, Laboratory Manager  
or other approved signatory

This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN

Initial report from 07/08/2019 08:03:29

EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

## Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only)

161912762

EMSL Analytical, Inc.  
2235 Polvorosa Avenue  
Suite 230  
San Leandro, CA 94577  
PHONE: (510) 895-3675  
FAX: (510) 895-3680

Company: Med-Tox Northwest		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same If Bill to is Different note instructions in Comments..			
Street: PO Box 1446		Third Party Billing requires written authorization from third party			
City: Auburn	State/Province: WA	Zip/Postal Code: 98071-1446	Country: United States		
Report To (Name): Anthony Fullerton		Telephone #: 2533510677			
Email Address: fullertona@medtoxnw.com		Fax #: <input type="checkbox"/> Purchase Order:			
Project Name/Number: 8842.1 / 2338		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail			
U.S. State Samples Taken: WA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt			
Turnaround Time (TAT) Options* - Please Check					
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week					
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide					
Matrix	Method	Instrument	Reporting Limit	Check	
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm <sup>2</sup> <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>	
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>	
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>	
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>	
Wipe* *if no box is checked, non-ASTM Wipe is assumed	ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/>	SW846-7000B	10 µg/wipe	<input type="checkbox"/>	
		SW846-6010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
		SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input checked="" type="checkbox"/>	
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>	
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>	
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>	
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>	
Wastewater	Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	
		EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	
		EPA 200.7	ICP-AES	0.020 mg/L (ppm)	
Drinking Water	Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	
		EPA 200.8	ICP-MS	0.001 mg/L (ppm)	
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>	
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>	
Other:				<input type="checkbox"/>	
Name of Sampler: Kim Rich		Signature of Sampler:			
Sample #	Location	Volume/Area	Date/Time Sampled		
8842.1-2338-01TCLP	Painted/Unpainted Bldg Materials				
Client Sample #'s		- 8842.1-2338-01TCLP		Total # of Samples: 1	
Relinquished (Client):		Date: 6/27/19	Time: 1620		
Received (Lab):		Date: 6/28/19	Time: 900 est		
Comments:					

WSP/ Port of Tacoma  
2338 11<sup>th</sup> Street  
Hazardous Building Materials Survey



## **Appendix G**

### **EMSL Analytical, Inc. Laboratory**

### **Certifications**

---



## AIHA Laboratory Accreditation Programs, LLC

acknowledges that

### EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN 46250

Laboratory ID: 157245

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### LABORATORY ACCREDITATION PROGRAMS

<input checked="" type="checkbox"/> INDUSTRIAL HYGIENE	Accreditation Expires: June 01, 2019
<input checked="" type="checkbox"/> ENVIRONMENTAL LEAD	Accreditation Expires: June 01, 2019
<input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY	Accreditation Expires: June 01, 2019
<input type="checkbox"/> FOOD	Accreditation Expires:
<input type="checkbox"/> UNIQUE SCOPES	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

A handwritten signature in black ink that appears to read 'William Walsh'.

---

William Walsh, CIH  
Chairperson, Analytical Accreditation Board

Revision 15: 03/30/2016

A handwritten signature in black ink that appears to read 'Cheryl O. Morton'.

---

Cheryl O. Morton  
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 05/31/2017



## AIHA Laboratory Accreditation Programs, LLC

### SCOPE OF ACCREDITATION

#### EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN 46250

Laboratory ID: **157245**

Issue Date: 05/31/2017

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

#### **Environmental Lead Laboratory Accreditation Program (ELLAP)**

**Initial Accreditation Date: 09/01/2002**

<b>Field of Testing (FoT)</b>	<b>Technology sub-type/ Detector</b>	<b>Method</b>	<b>Method Description (for internal methods only)</b>
<b>Paint</b>		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
<b>Soil</b>		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
<b>Settled Dust by Wipe</b>		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
<b>Airborne Dust</b>		NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

WSP/ Port of Tacoma  
2338 11<sup>th</sup> Street  
Hazardous Building Materials Survey



## **Appendix H**

### **Analytical Report- PCB**

---



14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 • (425) 883-3881

July 9, 2019

Anthony Fullerton  
MED-TOX  
P.O. Box 1146  
Auburn, WA 98071

Re: Analytical Data for Project 8842.1  
Laboratory Reference No. 1906-319

Dear Anthony:

Enclosed are the analytical results and associated quality control data for samples submitted on June 28, 2019.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB" followed by a stylized surname.

David Baumeister  
Project Manager

Enclosures



---

OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody,  
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 9, 2019  
Samples Submitted: June 28, 2019  
Laboratory Reference: 1906-319  
Project: 8842.1

#### Case Narrative

Samples were collected on June 26, 2019 and received by the laboratory on June 28, 2019. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



---

OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody,  
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 9, 2019  
 Samples Submitted: June 28, 2019  
 Laboratory Reference: 1906-319  
 Project: 8842.1

**PCBs EPA 8082A**

Matrix: Solid  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>8842.1-2338-01PCB</b>					
Laboratory ID:	06-319-01					
Aroclor 1016	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1221	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1232	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1242	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1248	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1254	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Aroclor 1260	ND	2.5	EPA 8082A	7-8-19	7-9-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	82	37-122				
<b>Client ID:</b>	<b>8842.1-2338-02PCB</b>					
Laboratory ID:	06-319-02					
Aroclor 1016	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1221	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1232	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1242	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1248	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1254	2.1	1.6	EPA 8082A	7-8-19	7-9-19	
Aroclor 1260	ND	1.6	EPA 8082A	7-8-19	7-9-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	83	37-122				
<b>Client ID:</b>	<b>8842.1-2338-03PCB</b>					
Laboratory ID:	06-319-03					
Aroclor 1016	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1221	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1232	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1242	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1248	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1254	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Aroclor 1260	ND	3.1	EPA 8082A	7-8-19	7-9-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	75	37-122				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody,  
 and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 9, 2019  
 Samples Submitted: June 28, 2019  
 Laboratory Reference: 1906-319  
 Project: 8842.1

**PCBs EPA 8082A**

Matrix: Solid  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>8842.1-2338-04PCB</b>					
<b>Laboratory ID:</b>	06-319-04					
Aroclor 1016	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1221	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1232	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1242	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1248	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1254	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
Aroclor 1260	<b>ND</b>	1.9	EPA 8082A	7-8-19	7-9-19	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	78		37-122			



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody,  
 and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: July 9, 2019  
 Samples Submitted: June 28, 2019  
 Laboratory Reference: 1906-319  
 Project: 8842.1

**PCBs EPA 8082A**  
**QUALITY CONTROL**

Matrix: Solid  
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>METHOD BLANK</b>						
Laboratory ID:	MB0708S1					
Aroclor 1016	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1221	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1232	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1242	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1248	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1254	ND	0.050	EPA 8082A	7-8-19	7-8-19	
Aroclor 1260	ND	0.050	EPA 8082A	7-8-19	7-8-19	
<i>Surrogate:</i>		Percent Recovery	Control Limits			
DCB		93	37-122			

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
<b>SPIKE BLANKS</b>								
Laboratory ID:	SB0708S1							
	SB	SBD	SB	SBD	SB	SBD		
Aroclor 1260	<b>0.444</b>	<b>0.478</b>	0.500	0.500	N/A	<b>89</b>	<b>96</b>	49-120
<i>Surrogate:</i>					93	104	37-122	
DCB								



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody,  
 and is intended only for the use of the individual or company to whom it is addressed.



### Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical \_\_\_\_\_.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference





## OnSite Environmental Inc.

OnSite Environmental Inc.  
Analytical Laboratory Testing Services  
14648 NE 95th Street • Redmond, WA 98052  
Phone: (425) 883-3881 • [www.onsite-env.com](http://www.onsite-env.com)

Company: **MTNW**  
Project Number: **8842-1**  
Project Name: **2338**  
Project Manager: **ANTHONY FULLERTON**  
Sampled by: **ERIC JARVIS**

## Chain of Custody

Page 1 of 1

WSP/ Port of Tacoma  
2338 11<sup>th</sup> Street  
Hazardous Building Materials Survey



## **Appendix I**

### **On-Site Environmental, Inc. Laboratory Certification**

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The State of  
Department



Washington  
of Ecology

**OnSite Environmental, Inc.  
Redmond, WA**

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective July 27, 2017 and shall expire July 26, 2018.

Witnessed under my hand on July 31, 2017

A handwritten signature of Alan D. Rue.

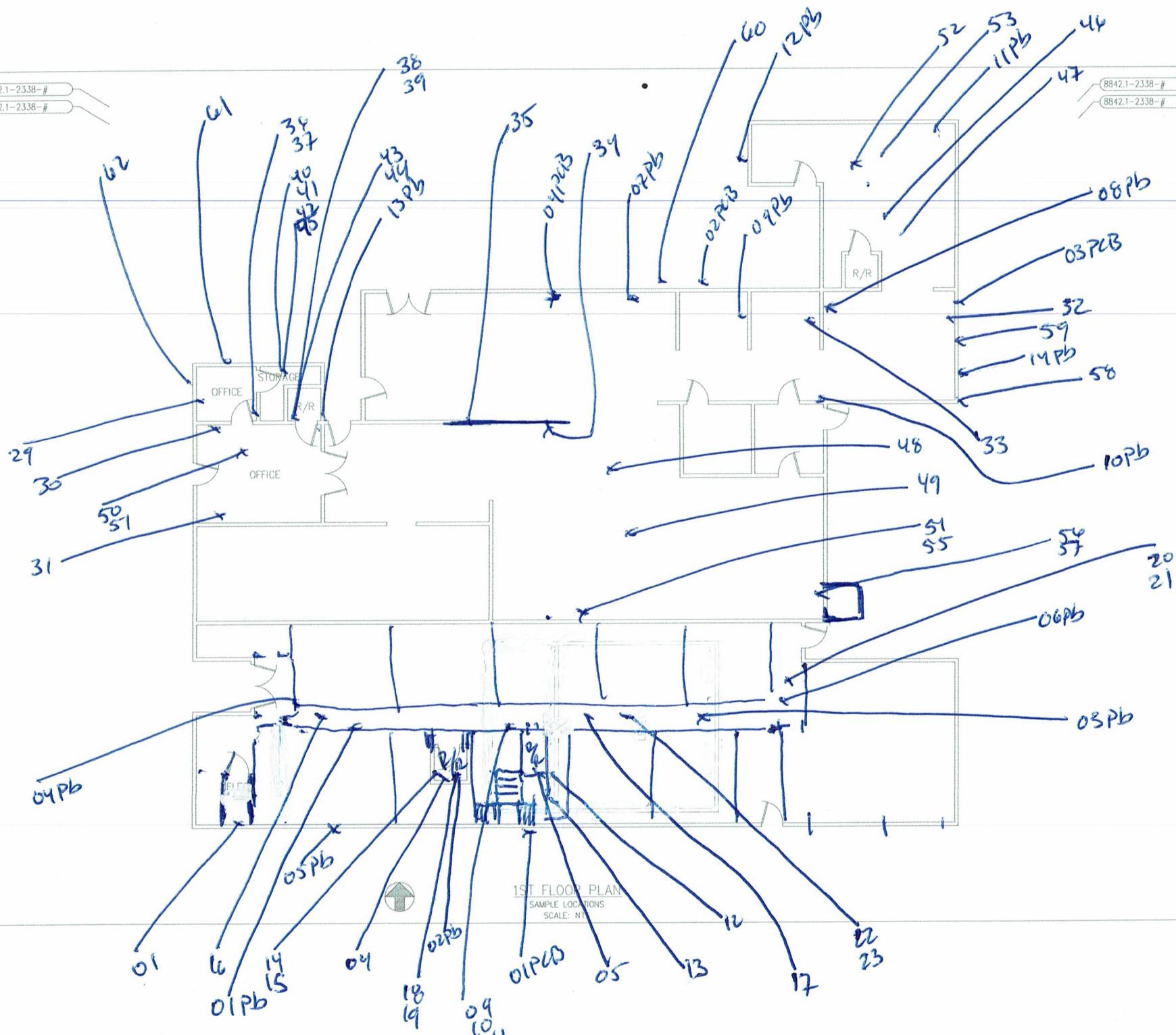
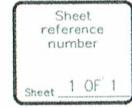
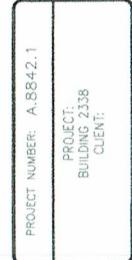
\_\_\_\_\_  
Alan D. Rue  
Lab Accreditation Unit Supervisor

Laboratory ID  
**C591**

## Appendix J Sample Location Drawing

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8842.1-2338-#  
8842.1-2338-#



⊗ = Roof

8842.1-2338-#  
8842.1-2338-#

8842.1-2338-#  
8842.1-2338-#

