

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

Client: Med-Tox, Northwest

Address: PO Box 1446, Auburn, WA 98071-1446

Job#: 8842.1

Batch#: 201911094

Date Received: 6/27/2019

Samples Rec'd: 80

Date Analyzed: 7/3/2019

Samples Analyzed: 80

Project Loc.: 3502 Lincoln Ave, Tacoma, WA

Analyzed by: Yui Yang

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
24	8842.1-3502-24	2	Yellow fibrous material		None detected	Filler	90	Glass fibers
25	8842.1-3502-25	1	Tan paper with black mastic		None detected	Filler, Asphalt/binder	72	Cellulose
		2	Yellow fibrous material		None detected	Filler	94	Glass fibers
26	8842.1-3502-26	1	Tan paper with black mastic		None detected	Filler, Asphalt/binder	70	Cellulose
		2	Yellow fibrous material		None detected	Filler	91	Glass fibers
27	8842.1-3502-27	1	White powdery material with paint		None detected	Binder/filler, Paint	2	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	28	Cellulose, Glass fibers
28	8842.1-3502-28	1	Off-white powdery material with paint	2	Chrysotile	Binder/filler, Paint	3	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	25	Cellulose, Glass fibers
29	8842.1-3502-29	1	Off-white powdery material with paint	2	Chrysotile	Binder/filler, Paint	4	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	21	Cellulose, Glass fibers
30	8842.1-3502-30	1	White powdery material with paint		None detected	Binder/filler, Paint	2	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	26	Cellulose, Glass fibers
31	8842.1-3502-31	1	White powdery material with paint		None detected	Binder/filler, Paint	2	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	25	Cellulose, Glass fibers
32	8842.1-3502-32	1	White powdery material with paint		None detected	Binder/filler, Paint	3	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	27	Cellulose, Glass fibers
33	8842.1-3502-33	1	Off-white powdery material with paint	2	Chrysotile	Binder/filler, Paint	3	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	25	Cellulose, Glass fibers
34	8842.1-3502-34	1	White powdery material with paint		None detected	Binder/filler, Paint	2	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	21	Cellulose, Glass fibers
35	8842.1-3502-35	1	Tan powdery material with paint		None detected	Binder/filler, Paint	4	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	26	Cellulose, Glass fibers
36	8842.1-3502-36	1	Silver paint	3	Chrysotile	Paint, Filler	2	Cellulose
		2	Gray fibrous material	61	Chrysotile	Filler	20	Cellulose

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

Client: Med-Tox, Northwest

Address: PO Box 1446, Auburn, WA 98071-1446

Job#: 8842.1

Batch#: 201911094

Date Received: 6/27/2019

Samples Rec'd: 80

Date Analyzed: 7/3/2019

Samples Analyzed: 80

Project Loc.: 3502 Lincoln Ave, Tacoma, WA

Analyzed by: Yui Yang

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
37	8842.1-3502-37	1	Silver paint	3	Chrysotile	Paint, Filler	2	Cellulose
		2	Gray fibrous material	65	Chrysotile	Filler	27	Cellulose
38	8842.1-3502-38	1	Silver paint	3	Chrysotile	Paint, Filler	2	Cellulose
		2	Gray fibrous material	32	Chrysotile	Filler	25	Cellulose
39	8842.1-3502-39	1	White powdery material with paint		None detected	Binder/filler, Paint	3	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	21	Cellulose, Glass fibers
40	8842.1-3502-40	1	White powdery material with paint		None detected	Binder/filler, Paint	2	Cellulose
		2	White chalky material with paper		None detected	Binder/filler, Gypsum/binder	23	Cellulose, Glass fibers
41	8842.1-3502-41	1	White rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Cream mastic		None detected	Mastic/binder	2	Cellulose
42	8842.1-3502-42	1	White rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Cream mastic		None detected	Mastic/binder	2	Cellulose
43	8842.1-3502-43	1	Gray rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	3	Cellulose
44	8842.1-3502-44	1	Gray rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	2	Cellulose
45	8842.1-3502-45	1	Brown rubbery material		None detected	Rubber/binder	3	Cellulose
		2	Brown mastic	2	Chrysotile	Mastic/binder	4	Cellulose
46	8842.1-3502-46	1	Brown rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Brown mastic	2	Chrysotile	Mastic/binder	3	Cellulose
47	8842.1-3502-47	1	Brown rubbery material		None detected	Rubber/binder	2	Cellulose
		2	White/clear mastic		None detected	Mastic/binder	2	Cellulose
48	8842.1-3502-48	1	Brown rubbery material		None detected	Rubber/binder	3	Cellulose
		2	White/clear mastic		None detected	Mastic/binder	2	Cellulose
49	8842.1-3502-49	1	Brown rubbery material		None detected	Rubber/binder	2	Cellulose
		2	Cream/clear mastic		None detected	Mastic/binder	3	Cellulose

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

Client: Med-Tox, Northwest

Address: PO Box 1446, Auburn, WA 98071-1446

Job#: 8842.1

Batch#: 201911094

Date Received: 6/27/2019

Samples Rec'd: 80

Date Analyzed: 7/3/2019

Samples Analyzed: 80

Project Loc.: 3502 Lincoln Ave, Tacoma, WA

Analyzed by: Yui Yang

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
50	8842.1-3502-50	1	Beige mastic		None detected	Mastic/binder	3	Cellulose
		2	Brown fibrous material		None detected	Filler	90	Cellulose
51	8842.1-3502-51	1	Beige mastic		None detected	Mastic/binder	2	Cellulose
		2	Brown fibrous material		None detected	Filler	87	Cellulose
52	8842.1-3502-52	1	Brown wood block		None detected	Wood aggregates	7	Cellulose
		2	Tan/yellow mastic	2	Chrysotile	Mastic/binder	2	Cellulose
53	8842.1-3502-53	1	Brown wood block		None detected	Wood aggregates	5	Cellulose
		2	Tan mastic		None detected	Mastic/binder	2	Cellulose
54	8842.1-3502-54	1	Brown wood block		None detected	Wood aggregates	5	Cellulose
		2	Tan/yellow mastic	2	Chrysotile	Mastic/binder	3	Cellulose
55	8842.1-3502-55	1	Gray vinyl tile		None detected	Vinyl/binder	3	Cellulose
		2	Clear mastic		None detected	Mastic/binder	2	Cellulose
56	8842.1-3502-56	1	Gray vinyl tile		None detected	Vinyl/binder	2	Cellulose
		2	Clear mastic		None detected	Mastic/binder	2	Cellulose
57	8842.1-3502-57	1	Beige tile		None detected	Vinyl/binder, Mineral grains	4	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	2	Cellulose
58	8842.1-3502-58	1	Beige tile		None detected	Vinyl/binder, Mineral grains	3	Cellulose
		2	Yellow mastic		None detected	Mastic/binder	2	Cellulose
59	8842.1-3502-59	1	Brown sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic	50	Chrysotile	Binder/filler, Mastic/binder	35	Cellulose
60	8842.1-3502-60	1	Brown sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic	53	Chrysotile	Binder/filler, Mastic/binder	37	Cellulose
61	8842.1-3502-61	1	Brown sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic	51	Chrysotile	Binder/filler, Mastic/binder	31	Cellulose

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 Client: Med-Tox, Northwest Address: PO Box 1446, Auburn, WA 98071-1446
Job#: 8842.1 Batch#: 201911094 Date Received: 6/27/2019
Samples Rec'd: 80 Date Analyzed: 7/3/2019 Samples Analyzed: 80
Project Loc.: 3502 Lincoln Ave, Tacoma, WA

Analyzed by: Yui Yang

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
61	8842.1-3502-61	3	Beige tile	2	Chrysotile	Vinyl/binder, Mineral grains	4	Cellulose
		4	Black mastic		None detected	Mastic/binder	3	Cellulose
62	8842.1-3502-62	1	Brown sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic	50	Chrysotile	Binder/filler, Mastic/binder	35	Cellulose
		3	Beige tile	2	Chrysotile	Vinyl/binder, Mineral grains	3	Cellulose
		4	Black mastic		None detected	Mastic/binder	2	Cellulose
63	8842.1-3502-63	1	Gray tile	2	Chrysotile	Vinyl/binder, Mineral grains	4	Cellulose
		2	Black mastic		None detected	Mastic/binder	2	Cellulose
64	8842.1-3502-64	1	Gray tile	2	Chrysotile	Vinyl/binder, Mineral grains	3	Cellulose
		2	Black mastic		None detected	Mastic/binder	2	Cellulose
65	8842.1-3502-65	1	Gray tile		None detected	Vinyl/binder, Mineral grains	3	Cellulose
		2	Yellow/clear mastic		None detected	Mastic/binder	2	Cellulose
66	8842.1-3502-66	1	Gray tile		None detected	Vinyl/binder, Mineral grains	4	Cellulose
		2	Yellow/clear mastic		None detected	Mastic/binder	2	Cellulose
67	8842.1-3502-67	1	Brown/red ceramic		None detected	Ceramic/binder		None detected
		2	Gray brittle/sandy material		None detected	Binder, Sand	2	Cellulose
		3	Yellow mastic		None detected	Mastic/binder	2	Cellulose
68	8842.1-3502-68	1	Brown/red ceramic		None detected	Ceramic/binder		None detected
		2	Gray brittle/sandy material		None detected	Binder, Sand	2	Cellulose
		3	Brown mastic		None detected	Mastic/binder	3	Cellulose
69	8842.1-3502-69	1	Brown/red ceramic		None detected	Ceramic/binder		None detected
		2	Gray brittle/sandy material		None detected	Binder, Sand	2	Cellulose
		3	White/cream mastic		None detected	Mastic/binder	2	Cellulose

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

Client: Med-Tox, Northwest

Address: PO Box 1446, Auburn, WA 98071-1446

Job#: 8842.1

Batch#: 201911094

Date Received: 6/27/2019

Samples Rec'd: 80

Date Analyzed: 7/3/2019

Samples Analyzed: 80

Project Loc.: 3502 Lincoln Ave, Tacoma, WA

Analyzed by: Yui Yang

Reviewed by: Steve (Fanyao) Zhang, President

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-fibrous Components	%	Non-asbestos Fibers
70	8842.1-3502-70	1	White soft material with powdery material		None detected	Filler, Binder	4	Cellulose
		2	White woven fibrous material		None detected	Filler, Binder	85	Glass fibers
		3	Yellow fibrous material		None detected	Filler	90	Glass fibers
		4	Brown mastic		None detected	Mastic/binder	3	Cellulose
71	8842.1-3502-71	1	White soft material with powdery material		None detected	Filler, Binder	3	Cellulose
		2	White woven fibrous material		None detected	Filler, Binder	81	Glass fibers
		3	Yellow fibrous material		None detected	Filler	93	Glass fibers
		4	Brown mastic		None detected	Mastic/binder	2	Cellulose
72	8842.1-3502-72	1	Tan fibrous material with paint		None detected	Filler, Paint	92	Cellulose
73	8842.1-3502-73	1	Gray fibrous material with paint		None detected	Filler, Paint	90	Cellulose
74	8842.1-3502-74	1	Black soft/loose material		None detected	Filler, Fine particles	5	Cellulose
75	8842.1-3502-75	1	Black soft material		None detected	Filler, Fine particles	4	Cellulose
76	8842.1-3502-76	1	Gray fibrous material with glass beads		None detected	Filler, Fine particles, Glass beads	95	Mineral wool
77	8842.1-3502-77	1	Gray fibrous material with glass beads		None detected	Filler, Fine particles, Glass beads	97	Mineral wool
78	8842.1-3502-78	1	Gray fibrous material with glass beads		None detected	Filler, Fine particles, Glass beads	92	Mineral wool
79	8842.1-3502-79	1	Black asphaltic fibrous material with white paint		None detected	Filler, Asphalt, Binder, Paint	70	Cellulose
80	8842.1-3502-80	1	Black asphaltic fibrous material with white paint		None detected	Filler, Asphalt, Binder, Paint	71	Cellulose

SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-28

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 1
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: 1

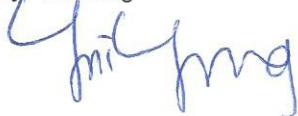
	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	1	49	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
Total	2	398	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.5%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810

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 #: 201911279

Date Received: 7/10/2019

Samples Received: 9

Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-29Previous Analytical Information

Previously Analyzed by: Yui Yang

Previous Batch #: 201911094

Previous Lab ID: 2

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	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
Total	1	399	400

Point Count Summary Results

Type of Asbestos: Chrysotile

Percentage of Asbestos: 0.25%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-33

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 3
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

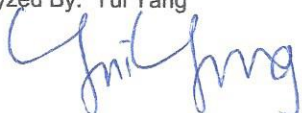
	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	1	49	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	0	50	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
Total	2	398	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.5%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-45

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 4
Previous Description: Brown mastic
Layer to be Point Counted: 2
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	2	48	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
Total	3	397	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.75%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-46

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 5
Previous Description: Brown mastic
Layer to be Point Counted: 2
Asbestos Type Found: Chrysotile
Asbestos Percentage Found: 2

Point Count Analytical Procedures

New Lab ID: 5

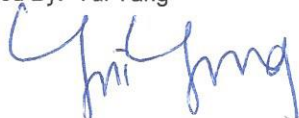
	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	1	49	50
Slide 3	0	50	50
Slide 4	0	50	50
Slide 5	1	49	50
Slide 6	0	50	50
Slide 7	0	50	50
Slide 8	0	50	50
Total	2	398	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.5%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-52

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 6
Previous Description: Tan/yellow mastic
Layer to be Point Counted: 2
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	0	50	50
Slide 5	0	50	50
Slide 6	1	49	50
Slide 7	0	50	50
Slide 8	0	50	50
Total	1	399	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.25%

Analyzed By: Yui Yang



Reviewed by: Steve Zhang, President

SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-54

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 7
Previous Description: Tan/yellow 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	0	50	50
Slide 3	2	48	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
Total	2	398	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.5%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-63

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 8
Previous Description: Gray 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	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
Total	1	399	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.25%

Analyzed By: Yui Yang

Reviewed by: Steve Zhang, President



SEATTLE ASBESTOS TEST

NVLAP Accreditation Lab Codes: 200768 and 201057

19701 Scriber Lake Road, Suite 103, Lynnwood, WA 98036, Tel:425.673.9850, Fax:425.673.9810
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 #: 201911279
Date Received: 7/10/2019
Samples Received: 9
Date Analyzed: 7/15/2019

Project: 3502 Lincoln Ave, Tacoma, WA

Sample Requested for Point Count 8842.1-3502-64

Previous Analytical Information

Previously Analyzed by: Yui Yang
Previous Batch #: 201911094
Previous Lab ID: 9
Previous Description: Gray tile
Layer to be Point Counted: 1
Asbestos Type Found: Chrysotile
Asbestos Percentage Found: 2

Point Count Analytical Procedures

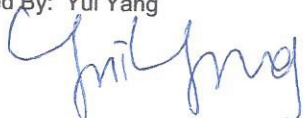
New Lab ID: 9

	Asbestos Points	Non-Asbestos Points	Total Points Counted
Slide 1	0	50	50
Slide 2	0	50	50
Slide 3	1	49	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
Total	1	399	400

Point Count Summary Results

Type of Asbestos: Chrysotile
Percentage of Asbestos: 0.25%

Analyzed By: Yui Yang



Reviewed by: Steve Zhang, President

WSP/ Port of Tacoma
3502 Lincoln Avenue
Hazardous Building Materials Survey



Appendix F

Analytical Reports- Lead

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

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

<http://www.EMSL.com>indianapolislab@emsl.com

EMSL Order: 161912734

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: 6/25/2019

Project: **8842.1 / 3502 LINCOLN AVE****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)***

<i>Client SampleDescription</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>RDL</i>	<i>Lead Concentration</i>
8842.1-3502-01Pb 161912734-0001	6/25/2019	7/2/2019 Site: WEST SIDE EXTERIOR / SIDING / WOOD / WHITE	0.2308 g	87 ppm	<87 ppm
8842.1-3502-02Pb 161912734-0002	6/25/2019	7/2/2019 Site: WEST SIDE EXTERIOR / FASCIA / WOOD / OFF-WHITE	0.2278 g	880 ppm	4700 ppm
8842.1-3502-03Pb 161912734-0003	6/25/2019	7/2/2019 Site: ROOM 10 / WALL GWB / WHITE	0.231 g	87 ppm	<87 ppm
8842.1-3502-04Pb 161912734-0004	6/25/2019	7/2/2019 Site: ROOM 22 / WALL / GWB / WHITE	0.2402 g	83 ppm	<83 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 08:00:37

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only).

161912734

PHONE
FAX:

Company: Med-Tox Northwest		EMSL-Bill to: <input type="checkbox"/> Different <input 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	Purchase Order:
Project Name/Number: 8842.1 / 3502 Lincoln Ave		Please Provide Results: <input type="checkbox"/> FAX <input 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
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input checked="" type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ 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 ₃ 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
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Kim Riche		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
8842.1-3502-01Pb			6-25-19 / 1400
Through	See Table		
8842.1-3502-04Pb			
Client Sample #'s	- 8842.1-3502-01Pb to 8842.1-3502-04Pb		Total # of Samples: 4
Relinquished (Client):	Date: 6/27/19	Time: 3:47 pm	
Received (Lab):	Date: 6/28/19	Time: 900 am	
Comments:			

161912734

Table . Summary of Bulk Paint Chip Sample Results.

Sample Number	Location	Component	Substrate	Color	Result (%wt*)
3502 Lincoln Ave					
8842.1-3502-01Pb	West side exterior	Siding	Wood	White	
8842.1-3502-02Pb	West side exterior	Fascia	Wood	Off-white	
8842.1-3502-03Pb	Room 10	Wall	GWB	White	
8842.1-3502-04Pb	Room 22	Wal	GWB	White	

%wt = percent by weight.

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250

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

<http://www.EMSL.com>indianapolislab@emsl.com

EMSL Order: 161912763

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 / 3502

Test Report: Toxicity Characteristic Leachate Procedure (1311/7000B)

<i>Client SampleDescription</i>	<i>Collected</i>	<i>Analyzed</i>	<i>RDL</i>	<i>Lead Concentration</i>
8842.13502-01TCLP		7/3/2019	0.40 mg/L	<0.40 mg/L
161912763-0001	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 08:04:09



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

161912763

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 #:	Purchase Order:
Project Name/Number: 8842.1 / 3502		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
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe
	SW846-6010B or C	ICP-AES	1.0 µg/wipe
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-1131/SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	2 mg/kg (ppm)
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ 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 ₃ 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
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter
Other:			
Name of Sampler: Kim Reche		Signature of Sampler: <i>[Signature]</i>	
Sample #	Location	Volume/Area	Date/Time Sampled
8842.1-3502-01TCLP	Painted/Unpainted Bldg Materials		
Client Sample #'s	-8842.1-3502-01TCLP	Total # of Samples:	1
Relinquished (Client): <i>[Signature]</i>	Date: 6/27/12	Time: 4:20	
Received (Lab): <i>[Signature]</i>	Date: 6/28/12	Time:	9:00 AM
Comments:			

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

- ✓ **INDUSTRIAL HYGIENE**
- ✓ **ENVIRONMENTAL LEAD**
- ✓ **ENVIRONMENTAL MICROBIOLOGY**
- ☐ **FOOD**
- ☐ **UNIQUE SCOPES**

Accreditation Expires: June 01, 2019

Accreditation Expires: June 01, 2019

Accreditation Expires: June 01, 2019

Accreditation Expires:

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) for the most current Scope.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

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

Revision 15: 03/30/2016

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

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description (for internal methods only)
Paint		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Soil		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Settled Dust by Wipe		EPA SW-846 3050B	
		EPA SW-846 3051A	
		EPA SW-846 7000B	
Airborne Dust		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
3502 Lincoln Avenue
Hazardous Building Materials Survey



Appendix H

Analytical Report- PCB



14648 NE 95th 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. 1906-317

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', with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



OnSite Environmental, Inc. 14648 NE 95th 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: 1906-317
Project: 8842.1

Case Narrative

Samples were collected on June 25, 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.



Date of Report: July 9, 2019
 Samples Submitted: June 28, 2019
 Laboratory Reference: 1906-317
 Project: 8842.1

PCBs EPA 8082A

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: 8842.1-3502-01PCB						
Laboratory ID:	06-317-01					
Aroclor 1016	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1221	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1232	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1242	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1248	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1254	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Aroclor 1260	ND	2.2	EPA 8082A	7-8-19	7-8-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	118	37-122				
Client ID: 8842.1-3502-02PCB						
Laboratory ID:	06-317-02					
Aroclor 1016	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1221	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1232	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1242	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1248	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1254	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1260	ND	3.4	EPA 8082A	7-8-19	7-8-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	113	37-122				
Client ID: 8842.1-3502-03PCB						
Laboratory ID:	06-317-03					
Aroclor 1016	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1221	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1232	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1242	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1248	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1254	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Aroclor 1260	ND	2.4	EPA 8082A	7-8-19	7-8-19	
Surrogate:	Percent Recovery	Control Limits				
DCB	103	37-122				



Date of Report: July 9, 2019
 Samples Submitted: June 28, 2019
 Laboratory Reference: 1906-317
 Project: 8842.1

**PCBs EPA 8082A
 QUALITY CONTROL**

Matrix: Solid
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
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	
Surrogate:	Percent Recovery	Control Limits				
DCB	93	37-122				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0708S1									
	SB	SBD	SB	SBD		SB	SBD			
Aroclor 1260	0.444	0.478	0.500	0.500	N/A	89	96	49-120	7	18
Surrogate:										
DCB						93	104	37-122		





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





Page 1 of 1

[illegible]

WSP/ Port of Tacoma
3502 Lincoln Avenue
Hazardous Building Materials Survey



Appendix I

On-Site Environmental, Inc. Laboratory Certification

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

Alan D. Rue
Lab Accreditation Unit Supervisor

Laboratory ID
C591

WSP/ Port of Tacoma
3502 Lincoln Avenue
Hazardous Building Materials Survey



Appendix J

Sample Location Drawings

← N
⊗ = Roof Sample or Attic

