Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Tuesday, June 28, 2005

Lab/Cor Report Number: *051021R01*

Howard Edwards
Ecology and Environment, Inc.
350 Sansome
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Phone: 415-981-2811
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Project Name: E&E - Indirect Analysis of Original Blanks
Project Number:
Client Reference:
Sample Receipt Date: 6/7/2005

Enclosed please find results for samples submitted to our laboratory. A list of samples and analyses follows:

Lab/Cor Analysis #	Client Sample # and Description	Analysis Type and Notes
Batch #: ***B5676***		
S1-A1	NFB-L2-1ZB-10050 Indirect Analysis of Orginal Sample - 041188-84	ISO 13794, indirect
S2-A1	SFBA-L2-FB-10050 Indirect Analysis of Orginal Sample - 041188-95	ISO 13794, indirect
S3-A1	SFBB-L2-1ZB-10060 Indirect Analysis of Orginal Sample - 041188-105	ISO 13794, indirect
S4-A1	NYB-L2-1ZB-10070 Indirect Analysis of Orginal Sample - 041191-31	ISO 13794, indirect
S5-A1	JEG-L2-1ZB-10100 Indirect Analysis of Orginal Sample - 041191-52	ISO 13794, indirect
S6-A1	JEG-L2-FB-101004 Indirect Analysis of Orginal Sample - 041191-57	ISO 13794, indirect
S7-A1	SRA-1ZB-1008004 Indirect Analysis of Orginal Sample - 041210-51	ISO 13794, indirect
S8-A1	NRA-FB-101004 Indirect Analysis of Orginal Sample - 041210-54	ISO 13794, indirect
S9-A1	NRA-FB-101005 Column Blank of 051021-08 - Original Sample - 041210-54	ISO 13794, indirect

ISO 13794, indirect

Preparation and analysis of the above samples was conducted in accordance with the ISO method 13794 (Indirect) for the identification of asbestos. Briefly, a portion of the original filter was ashed and treated with acetic acid to isolate the material of interest. The samples were then aliquoted onto lab filters which were collapsed with acetone, then etched in a low temperature plasma etcher to remove the top surface of the filter and other organics. The samples were carbon coated at high vacuum with a thin layer of carbon, placed on 200 mesh copper grids and allowed to dissolve in acetone until cleared of filter debris.

TEM analysis was performed using a transmission electron microscope equipped with an EDS X ray analyzer. The redeposit samples were analyzed at various approximate screen magnifications of 5,000x for PCM equivalent structures, 10,000x for asbestos structures greater than 5.0 micrometer lengths, and 20,000x for asbestos structures greater than 0.5 micrometer lengths. An accelerating voltage of 100 KV was applied.

The sizing of grid openings was performed on the microscope at a magnification of approximately 550X.

Disclaimer

This test report relates only to the items tested in this report. Interpretation of these results is the sole responsibility of the client.

If further clarification of these results is needed, please call us. Thank you for allowing the staff at Lab/Cor, Inc. the opportunity to provide you with analytical services.

Sincerely,

John Harris, M.P.H.
Laboratory Director

Lab/Cor, Inc.

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Report # 051021R01

Client: Ecology and Environment, Inc.

Project Name: EE - Indirect Analysis of Original Blanks

ANALYSIS DETAIL

Lab/Cor Sample No. B5676 S1 A1
Client Sample No. NFB-L2-1ZB-10050
Description Indirect Analysis of Orginal Sample - 041188-84
Analysis Date 6/16/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 90
Filter Area (mm2) 385
Area Analyzed (mm2) 1.30
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

Lab/Cor Sample No. B5676 S2 A1
Client Sample No. SFBA-L2-FB-10050
Description Indirect Analysis of Orginal Sample - 041188-95
Analysis Date 6/16/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 10
Filter Area (mm2) 385
Area Analyzed (mm2) 0.145
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

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ANALYSIS DETAIL

Lab/Cor Sample No. B5676 S3 A1
Client Sample No. SFBB-L2-1ZB-10060
Description Indirect Analysis of Orginal Sample - 041188-105
Analysis Date 6/16/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 87
Filter Area (mm2) 385
Area Analyzed (mm2) 1.26
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

Lab/Cor Sample No. B5676 S4 A1
Client Sample No. NYB-L2-1ZB-10070
Description Indirect Analysis of Orginal Sample - 041191-31
Analysis Date 6/20/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 89
Filter Area (mm2) 385
Area Analyzed (mm2) 1.29
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

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ANALYSIS DETAIL

Lab/Cor Sample No. B5676 S5 A1
Client Sample No. JEG-L2-1ZB-10100
Description Indirect Analysis of Orginal Sample - 041191-52
Analysis Date 6/20/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 89
Filter Area (mm2) 385
Area Analyzed (mm2) 129000
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

Lab/Cor Sample No. B5676 S6 A1
Client Sample No. JEG-L2-FB-101004
Description Indirect Analysis of Orginal Sample - 041191-57
Analysis Date 6/20/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 89
Filter Area (mm2) 385
Area Analyzed (mm2) 1.29
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

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ANALYSIS DETAIL

Lab/Cor Sample No. B5676 S7 A1
Client Sample No. SRA-1ZB-1008004
Description Indirect Analysis of Orginal Sample - 041210-51
Analysis Date 6/21/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

Lab/Cor Sample No. B5676 S8 A1
Client Sample No. NRA-FB-101004
Description Indirect Analysis of Orginal Sample - 041210-54
Analysis Date 6/21/2005
Analyst MQ

Volume (L) 0
No. of Grid Openings 10
Filter Area (mm2) 385
Area Analyzed (mm2) 0.145
Analytical Sens. (struc/cc) NA
Dectection Limit. (struc/cc) NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

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ANALYSIS DETAIL

Lab/Cor Sample No.	B5676 S9 A1	**Volume (L)**	0
Client Sample No.	NRA-FB-101005	**No. of Grid Openings**	10
Description	Column Blank of 051021-08 -Original Sample - 041210-	**Filter Area (mm2)**	385
Analysis Date	6/21/2005	**Area Analyzed (mm2)**	0.145
Analyst	MQ	**Analytical Sens. (struc/cc)**	NA
		Dectection Limit. (struc/cc)	NA

Structure Type	Filter Density (s/mm2)	Concen-tration (struc/cc)	95% Confidence Interval (struc/cc)	Struc. Count
Primary Asbestos Structures	0.0	NA	NA	0
Primary Asb & Other Amph Structures	0.0	NA	NA	0

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: NFB-L2-1ZB-10050 *Lab/Cor Sample No.:* B5676 S1 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-84

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	B1		NSD									
A	2	B2		NSD									
A	3	B3		NSD									
A	4	B4		NSD									
A	5	B13		NSD									
A	6	B12		NSD									
A	7	B11		NSD									
A	8	B10		NSD									
A	9	A10		NSD									
A	10	A11		NSD									
A	11	A12		NSD									
A	12	A13		NSD									
A	13	A14		NSD									
A	14	A24		NSD									
A	15	A23		NSD									
A	16	A22		NSD									
A	17	A21		NSD									
A	18	A20		NSD									
A	19	B20		NSD									
A	20	B21		NSD									
A	21	B22		NSD									
A	22	B34		NSD									
A	23	B33		NSD									
A	24	B32		NSD									
A	25	B31		NSD									
A	26	B30		NSD									
A	27	A30		NSD									
A	28	A31		NSD									
A	29	A32		NSD									
A	30	A33		NSD									
A	31	D4		NSD									
B	32	B40		NSD									
B	33	A41		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: NFB-L2-1ZB-10050 *Lab/Cor Sample No.:* B5676 S1 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-84

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
B	34	A43		NSD									
B	35	A34		NSD									
B	36	A32		NSD									
B	37	A30		NSD									
B	38	B31		NSD									
B	39	B33		NSD									
B	40	B23		NSD									
B	41	B21		NSD									
B	42	A20		NSD									
B	43	A22		NSD									
B	44	A24		NSD									
B	45	A13		NSD									
B	46	A11		NSD									
B	47	B10		NSD									
B	48	B12		NSD									
B	49	B14		NSD									
B	50	B2		NSD									
B	51	A1		NSD									
B	52	A3		NSD									
B	53	D4		NSD									
B	54	D2		NSD									
B	55	C1		NSD									
B	56	C3		NSD									
B	57	C14		NSD									
B	58	C12		NSD									
B	59	C10		NSD									
B	60	D11		NSD									
B	61	C10		NSD									
C	62	B44		NSD									
C	63	B42		NSD									
C	64	B41		NSD									
C	65	A41		NSD									
C	66	B34		NSD									
C	67	B32		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: NFB-L2-1ZB-10050 *Lab/Cor Sample No.:* B5676 S1 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-84

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
C	68	B30		NSD									
C	69	A31		NSD									
C	70	A33		NSD									
C	71	B24		NSD									
C	72	B22		NSD									
C	73	B20		NSD									
C	74	A21		NSD									
C	75	A23		NSD									
C	76	A14		NSD									
C	77	A12		NSD									
C	78	A10		NSD									
C	79	B11		NSD									
C	80	B13		NSD									
C	81	B4		NSD									
C	82	B2		NSD									
C	83	A1		NSD									
C	84	A3		NSD									
C	85	D4		NSD									
C	86	D1		NSD									
C	87	C1		NSD									
C	88	C3		NSD									
C	89	C14		NSD									
C	90	C12		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: SFBA-L2-FB-10050 *Lab/Cor Sample No.:* B5676 S2 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-95

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	B1		NSD									
A	2	C4		NSD									
A	3	C14		NSD									
A	4	C12		NSD									
A	5	C10		NSD									
B	6	A1		NSD									
B	7	A3		NSD									
B	8	A14		NSD									
B	9	A12		NSD									
B	10	B11		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: SFBB-L2-1ZB-10060 *Lab/Cor Sample No.:* B5676 S3 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-105

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	B44		NSD									
A	2	B42		NSD									
A	3	B40		NSD									
A	4	A41		NSD									
A	5	A43		NSD									
A	6	A34		NSD									
A	7	A32		NSD									
A	8	A30		NSD									
A	9	B31		NSD									
A	10	B33		NSD									
A	11	B24		NSD									
A	12	B22		NSD									
A	13	B20		NSD									
A	14	A21		NSD									
A	15	A23		NSD									
A	16	A14		NSD									
A	17	A12		NSD									
A	18	A10		NSD									
A	19	B11		NSD									
A	20	B13		NSD									
A	21	B4		NSD									
A	22	B2		NSD									
A	23	D4		NSD									
A	24	D2		NSD									
A	25	D14		NSD									
A	26	D12		NSD									
A	27	D10		NSD									
A	28	C11		NSD									
A	29	C13		NSD									
A	30	C24		NSD									
B	31	B44		NSD									
B	32	B42		NSD									
B	33	B40		NSD									
B	34	A41		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: SFBB-L2-1ZB-10060 *Lab/Cor Sample No.:* B5676 S3 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-105

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
B	35	A43		NSD									
B	36	A34		NSD									
B	37	A32		NSD									
B	38	A30		NSD									
B	39	B31		NSD									
B	40	B33		NSD									
B	41	B24		NSD									
B	42	B22		NSD									
B	43	B20		NSD									
B	44	A21		NSD									
B	45	A23		NSD									
B	46	A14		NSD									
B	47	A12		NSD									
B	48	A10		NSD									
B	49	B11		NSD									
B	50	B13		NSD									
B	51	B4		NSD									
B	52	C3		NSD									
B	53	C1		NSD									
B	54	D1		NSD									
B	55	D3		NSD									
B	56	D14		NSD									
B	57	D12		NSD									
B	58	D10		NSD									
B	59	C11		NSD									
B	60	C13		NSD									
C	61	B44		NSD									
C	62	B42		NSD									
C	63	B40		NSD									
C	64	A41		NSD									
C	65	A43		NSD									
C	66	A34		NSD									
C	67	A23		NSD									
C	68	A21		NSD									

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Sample No.: SFBB-L2-1ZB-10060 *Lab/Cor Sample No.:* B5676 S3 A1
Descripiton: Indirect Analysis of Orginal Sample - 041188-105

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
C	69	B20		NSD									
C	70	B22		NSD									
C	71	B24		NSD									
C	72	B13		NSD									
C	73	B11		NSD									
C	74	A10		NSD									
C	75	A12		NSD									
C	76	A14		NSD									
C	77	A3		NSD									
C	78	A1		NSD									
C	79	B1		NSD									
C	80	B3		NSD									
C	81	C3		NSD									
C	82	C1		NSD									
C	83	D1		NSD									
C	84	D3		NSD									
C	85	D14		NSD									
C	86	D12		NSD									
C	87	D10		NSD									

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TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: NYB-L2-1ZB-10070 *Lab/Cor Sample No.:* B5676 S4 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-31

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	B1		NSD									
A	2	B2		NSD									
A	3	B3		NSD									
A	4	B4		NSD									
A	5	B14		NSD									
A	6	B13		NSD									
A	7	B12		NSD									
A	8	B11		NSD									
A	9	B10		NSD									
A	10	A10		NSD									
A	11	A11		NSD									
A	12	A12		NSD									
A	13	A13		NSD									
A	14	A14		NSD									
A	15	A24		NSD									
A	16	A23		NSD									
A	17	A22		NSD									
A	18	A21		NSD									
A	19	A20		NSD									
A	20	B20		NSD									
A	21	B21		NSD									
A	22	B22		NSD									
A	23	B23		NSD									
A	24	B24		NSD									
A	25	B34		NSD									
A	26	B33		NSD									
A	27	B32		NSD									
A	28	B31		NSD									
A	29	B30		NSD									
A	30	A30		NSD									
B	31	A4		NSD									
B	32	A3		NSD									
B	33	A2		NSD									
B	34	A1		NSD									

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Sample No.: NYB-L2-1ZB-10070 *Lab/Cor Sample No.:* B5676 S4 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-31

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
B	35	B1		NSD									
B	36	B2		NSD									
B	37	B3		NSD									
B	38	B4		NSD									
B	39	B13		NSD									
B	40	B12		NSD									
B	41	B11		NSD									
B	42	B10		NSD									
B	43	A10		NSD									
B	44	A11		NSD									
B	45	A12		NSD									
B	46	A13		NSD									
B	47	A14		NSD									
B	48	A24		NSD									
B	49	A22		NSD									
B	50	A21		NSD									
B	51	A20		NSD									
B	52	B20		NSD									
B	53	B21		NSD									
B	54	B22		NSD									
B	55	B23		NSD									
B	56	A30		NSD									
B	57	A31		NSD									
B	58	A32		NSD									
B	59	A33		NSD									
B	60	A34		NSD									
C	61	B1		NSD									
C	62	B2		NSD									
C	63	B3		NSD									
C	64	B4		NSD									
C	65	B14		NSD									
C	66	B13		NSD									
C	67	B12		NSD									
C	68	B11		NSD									

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Sample No.: NYB-L2-1ZB-10070 *Lab/Cor Sample No.:* B5676 S4 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-31

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
C	69	B10		NSD									
C	70	C10		NSD									
C	71	C11		NSD									
C	72	C12		NSD									
C	73	C13		NSD									
C	74	C14		NSD									
C	75	C24		NSD									
C	76	C23		NSD									
C	77	C22		NSD									
C	78	C21		NSD									
C	79	C20		NSD									
C	80	C30		NSD									
C	81	C31		NSD									
C	82	C32		NSD									
C	83	C33		NSD									
C	84	C34		NSD									
C	85	C44		NSD									
C	86	C43		NSD									
C	87	C42		NSD									
C	88	C41		NSD									
C	89	C40		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-1ZB-10100 *Lab/Cor Sample No.:* B5676 S5 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-52

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	A4		NSD									
A	2	A3		NSD									
A	3	A2		NSD									
A	4	A1		NSD									
A	5	B1		NSD									
A	6	B2		NSD									
A	7	B3		NSD									
A	8	B4		NSD									
A	9	B14		NSD									
A	10	B13		NSD									
A	11	B12		NSD									
A	12	B11		NSD									
A	13	B10		NSD									
A	14	A10		NSD									
A	15	A11		NSD									
A	16	A12		NSD									
A	17	A13		NSD									
A	18	A14		NSD									
A	19	A24		NSD									
A	20	A23		NSD									
A	21	A22		NSD									
A	22	A21		NSD									
A	23	A20		NSD									
A	24	B20		NSD									
A	25	B21		NSD									
A	26	B22		NSD									
A	27	B23		NSD									
A	28	B24		NSD									
A	29	B34		NSD									
A	30	B33		NSD									
B	31	B1		NSD									
B	32	B2		NSD									
B	33	B3		NSD									
B	34	B4		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-1ZB-10100 *Lab/Cor Sample No.:* B5676 S5 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-52

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
B	35	B14		NSD									
B	36	B13		NSD									
B	37	B12		NSD									
B	38	B11		NSD									
B	39	B10		NSD									
B	40	A10		NSD									
B	41	A11		NSD									
B	42	A12		NSD									
B	43	A13		NSD									
B	44	A14		NSD									
B	45	A24		NSD									
B	46	A23		NSD									
B	47	A22		NSD									
B	48	A21		NSD									
B	49	A20		NSD									
B	50	B20		NSD									
B	51	B21		NSD									
B	52	B22		NSD									
B	53	B23		NSD									
B	54	B24		NSD									
B	55	B34		NSD									
B	56	B33		NSD									
B	57	B32		NSD									
B	58	B31		NSD									
B	59	B30		NSD									
B	60	A30		NSD									
C	61	C2		NSD									
C	62	C3		NSD									
C	63	C4		NSD									
C	64	B4		NSD									
C	65	B3		NSD									
C	66	B10		NSD									
C	67	A10		NSD									
C	68	A11		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-1ZB-10100 *Lab/Cor Sample No.:* B5676 S5 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-52

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
C	69	A12		NSD									
C	70	B10		NSD									
C	71	B11		NSD									
C	72	B12		NSD									
C	73	B13		NSD									
C	74	B14		NSD									
C	75	B24		NSD									
C	76	B34		NSD									
C	77	B33		NSD									
C	78	B32		NSD									
C	79	B31		NSD									
C	80	B30		NSD									
C	81	A30		NSD									
C	82	A31		NSD									
C	83	C24		NSD									
C	84	C23		NSD									
C	85	C22		NSD									
C	86	C21		NSD									
C	87	C20		NSD									
C	88	D20		NSD									
C	89	D21		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-FB-101004 *Lab/Cor Sample No.:* B5676 S6 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-57

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	A10		NSD									
A	2	A20		NSD									
A	3	A30		NSD									
A	4	A40		NSD									
A	5	A31		NSD									
A	6	A21		NSD									
A	7	A11		NSD									
A	8	A1		NSD									
A	9	D1		NSD									
A	10	D11		NSD									
A	11	D21		NSD									
A	12	D31		NSD									
A	13	D41		NSD									
A	14	D42		NSD									
A	15	D32		NSD									
A	16	D22		NSD									
A	17	D12		NSD									
A	18	D2		NSD									
A	19	A2		NSD									
A	20	A12		NSD									
A	21	A22		NSD									
A	22	A32		NSD									
A	23	A42		NSD									
A	24	B41		NSD									
A	25	B31		NSD									
A	26	B21		NSD									
A	27	B11		NSD									
A	28	B1		NSD									
A	29	C1		NSD									
A	30	C11		NSD									
B	31	A42		NSD									
B	32	A32		NSD									
B	33	A22		NSD									
B	34	A12		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-FB-101004 *Lab/Cor Sample No.:* B5676 S6 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-57

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
B	35	A2		NSD									
B	36	D2		NSD									
B	37	D12		NSD									
B	38	D22		NSD									
B	39	D32		NSD									
B	40	D42		NSD									
B	41	D41		NSD									
B	42	D31		NSD									
B	43	D21		NSD									
B	44	D11		NSD									
B	45	D1		NSD									
B	46	A1		NSD									
B	47	A11		NSD									
B	48	A21		NSD									
B	49	A31		NSD									
B	50	A41		NSD									
B	51	A40		NSD									
B	52	A30		NSD									
B	53	A20		NSD									
B	54	A10		NSD									
B	55	D10		NSD									
B	56	D10		NSD									
B	57	D20		NSD									
B	58	D30		NSD									
B	59	D31		NSD									
B	60	D21		NSD									
C	61	B44		NSD									
C	62	B34		NSD									
C	63	B24		NSD									
C	64	B14		NSD									
C	65	B4		NSD									
C	66	C4		NSD									
C	67	C14		NSD									
C	68	C24		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: JEG-L2-FB-101004 *Lab/Cor Sample No.:* B5676 S6 A1
Descripiton: Indirect Analysis of Orginal Sample - 041191-57

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
C	69	C34		NSD									
C	70	C44		NSD									
C	71	C43		NSD									
C	72	C33		NSD									
C	73	C23		NSD									
C	74	C13		NSD									
C	75	C3		NSD									
C	76	B3		NSD									
C	77	B13		NSD									
C	78	B23		NSD									
C	79	B33		NSD									
C	80	B43		NSD									
C	81	B42		NSD									
C	82	B32		NSD									
C	83	B22		NSD									
C	84	B12		NSD									
C	85	B2		NSD									
C	86	C2		NSD									
C	87	C12		NSD									
C	88	C22		NSD									
C	89	C32		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.
Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: SRA-1ZB-1008004 *Lab/Cor Sample No.:* B5676 S7 A1
Descripiton: Indirect Analysis of Orginal Sample - 041210-51

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	A10		NSD									
A	2	A20		NSD									
A	3	A30		NSD									
A	4	A40		NSD									
A	5	A41		NSD									
A	6	A31		NSD									
A	7	A21		NSD									
B	8	B41		NSD									
B	9	B31		NSD									
B	10	B21		NSD									
B	11	B11		NSD									
B	12	B12		NSD									
B	13	D10		NSD									
B	14	D20		NSD									

Sample No.: NRA-FB-101004 *Lab/Cor Sample No.:* B5676 S8 A1
Descripiton: Indirect Analysis of Orginal Sample - 041210-54

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	A41		NSD									
A	2	A31		NSD									
A	3	A21		NSD									
A	4	A1		NSD									
A	5	D1		NSD									
B	6	D10		NSD									
B	7	D20		NSD									
B	8	D30		NSD									
B	9	D40		NSD									
B	10	D41		NSD									

Lab/Cor, Inc.

A Professional Service Corporation in the Northwest

Report # 051021R01

Client: Ecology and Environment, Inc.

Project Name: EE - Indirect Analysis of Original Blanks

TEM ASBESTOS STRUCTURE COUNT - RAW DATA

Sample No.: NRA-FB-101005 *Lab/Cor Sample No.:* B5676 S9 A1

Descripiton: Column Blank of 051021-08 -Original Sample - 041210-54

Gr	No.	Loc.	ID	Prim	Tot	Class	Len	Wid	Asp	Neg#	EDS#	Comment	Count Categories
A	1	B40		NSD									
A	2	B30		NSD									
A	3	B20		NSD									
A	4	B10		NSD									
A	5	B41		NSD									
B	6	A40		NSD									
B	7	A30		NSD									
B	8	A20		NSD									
B	9	A10		NSD									
B	10	D10		NSD									

NSD = No Structures Detected
PAS = Primary Asbestos Structures
PAOS = Primary Asb _Other Amph Structures
TAS = Total Asbestos Structures
TAOS = Total Asb Other Amph Structures
PCMEF-US = PCM Equivalent Fibers-US
PCMES-US = PCM Equivalent Structures-US
PCMEF-ISO = PCM Equivalent Fibers-ISO
PCMES-ISO = PCM Equivalent Structures-ISO
PSAS 5-10 = PROTOCOL ASB STRUCS 5-10
PSAS >10 = PROTOCOL ASB STRUCS >10

CF = Cleavage Fragments
TS = Transitional Structures

PSAS TOT = PROTOCOL ASB STRUC TOTAL
PSAOS 5-10 = PROTOCOL ASB/OTHER AMPH 5-10
PSAOS>10 = PROTOCOL ASB/OTHER AMPH >10
PSAOS TOT=PROTOCOL ASB/OTHER AMPH TOTAL
PSCH 5-10 = PROTOCOL CHRYS STRUCS 5-10
PSCH >10 = PROTOCOL CHRYS STRUCS >10
PSCH TOT = PROTOCOL CHRYS STRUCS TOTAL
PSAM 5-10 = PROTOCOL AMPH STRUCS 5-10
PSAM >10 = PROTOCOL AMPH STRUCS >10
PSAM TOT = PROTOCOL AMPH STRUCS TOTAL
PSOS 5-10 = PROTOCOL OTHER AMPH 5-10
PSOS >10 = PROTOCOL OTHER AMPH >10
PSOS TOT = PROTOCOL OTHER AMPH TOTAL

TAS_AHRA = AHERA-like Total Strucs 3:1
AS>5_AHRA = AHERA-like Asb Strucs >5 and 3:1
AS5-10_AHRA = AHERA-like Asb Strucs 5 - 10 and 3:1
AS>10_AHRA = AHERA-like Asb Strucs >10 and 3:1
TOS_AHRA = Total Other Amphibole Strucs 3:1
OS>5_AHRA = Other Amphibole Struc >5 and 3:1
OS5-10_AHRA = Other Amphibole Struc 5 - 10 and 3:1
OS>10_AHRA = Other Amphibole Strucs >10 and 3:1
AS>5 = Asbestos Structures > 5um
AFB>5 = Asbestos Fibers and Bundles > 5um

PChS = Primary Chrysotile Structures
PAmS = Primary Amphibole Structures