APPENDIX P

EMS Laboratories Asbestos Laboratory Report

FINAL REPORT ON A MODIFIED ELUTRIATOR STUDY OF SOIL SAMPLES FROM HENDERSON NEVADA

Twenty-six samples were received on October 21, 2002 for compositing followed by analysis according to the procedure in the document "Modified Elutriator method for the Determination of Asbestos in Soils and Bulk Materials." The samples were identified as P-1 to P-17, S-1, S-2, A-1, A-2, B-1 to B-3, and E-1, E-2.

The samples were not oven-dried since they were dry as received. Each sample was homogenized and split with one split archived. The remaining portion was then used to form a composite according to the ratios provided by Mark Hawley of Environ and shown in Table 1.

The composite was split and one portion was archived. A subsample of the composite, weighing between 50 and 80 grams, was prepared for processing according to the modified elutriator method. Filters with deposits of respirable material were obtained in the elutriator.

Three filters were prepared from each composite with the weight of respirable material deposited on each filter in the range of 115+/-15 µgrams. One of the filters from each was chosen for determination of the asbestos fiber concentration by examination in a transmission electron microscope (TEM). The filter chosen was generally that with the highest weight of deposit in order to minimize the number of grid openings that were to be counted to achieve a sensitivity of at least one million fibers per gram of respirable dust.

The surface of the selected filter was coated with a thin coat of carbon, which traps the particles. Selected sections of the filter were dissolved in such a manner that the carbon film was left on the surface of a sample grid used for examination in the TEM. Five grids were prepared in this fashion with four of the grids spaced equidistant around the filter and the fifth in the center. The center grid is labeled "B". Grid A is at six o'clock position using an arbitrary starting location, C is at 12 o'clock, D is at 9 o'clock and E is at 3 o'clock.

The number of grid openings to be examined to achieve the required sensitivity was then calculated using the average area of a grid opening for that batch of grids, the weight of respirable material deposited and the total active area of the filter. The number to be counted was rounded up to the next multiple of five and then divided by five to give the number to be examined on each grid.

The detailed data from the TEM examination are contained in Appendix I. Two analysts using different microscopes analyzed grids. The magnification was slightly different on

the individual instruments and is recorded on the data sheets. An entire grid was only examined on one instrument.

The data is summarized in Table 2. Tremolite fibers and chrysotile was found. The tremolite fibers had a morphology that is associated with cleavage fragments and not asbestiform material. Further, an aluminum peak was generally found in the fibers, which is an indication that a material will not assume an asbestiform morphology. A quantitative analysis of a tremolite fiber that was 3.3 μmeters long is given at the end of the data sheets for Composite SEA 3, grid D. The quantitative analysis shows that of the total 15 metal atoms in the formula for tremolite, about 0.36 (average) were aluminum.

The confirmation of the identification of the fibers was performed by energy dispersive x-ray spectrograph (EDS) and electron diffraction. In the case of one fiber identified as chrysotile no diffraction pattern was obtained but the EDS and morphology matched that of chrysotile.

TABLE 1

Henderson: proportions for compositing soil samples for asbestos analysis

		Sample mass (g) as reported from field			adjusted for tare weight (21.2 g)	(31.8 g)		
grab sample	composite sample	mass of Fraction <1 cm	mass of Fraction >1 cm	total mass of sample	mass of Fraction <1 cm	total mass of sample	fraction of fines (Mf/Mtot)	proportions based on Mf/Mtot
E-2	NEA-1	1700	200	1900	1679	1868	0.899	0.342
E-1	NEA-1	1500	200	1700	1479	1668	0.886	0.337
S-2	NEA-1	1300	250	1550	1279	1518	0.842	0.321
NEA-1						sums	2.627	1.000
B-3	NEA-2	2000	300	2300	1979	2268	0.872	0.496
B-2	NEA-2	1500	200	1700	1479	1668	0.886	0.504
NEA-2						sum of H	1.759	1.000
P-14	NEA-3	2000	200	2200	1979	2168	0.913	0.341
P-11	NEA-3	1800	350	2150	1779	2118	0.840	0.314
P-15	NEA-3	1700	150	1850	1679	1818	0.923	0.345
NEA-3						sum of H	2.676	1.000
P-16	NEA-4	2200	100	2300	2179	2268	0.961	0.261
P-17	NEA-4	1900	350	2250	1879	2218	0.847	0.230
P-13	NEA-4	1800	200	2000	1779	1968	0.904	0.245
P-12	NEA-4	1600	50	1650	1579	1618	0.976	0.265
NEA-4						sum of H	3.687	1.000
A-2	SEA-1	1400	500	1900	1379	1868	0.738	0.285
A-1	SEA-1	1400	100	1500	1379	1468	0.939	0.362
B-1	SEA-1	1000	100	1100	979	1068	0.916	0.353
SEA-1						sum of H	2.593	1.000
P-1	SEA-2	2000	250	2250	1979	2218	0.892	0.193
P-5	SEA-2	2000	100	2100	1979	2068	0.957	0.207
P-3	SEA-2	1800	250	2050	1779	2018	0.881	0.191
P-8	SEA-2	1800	100	1900	1779	1868	0.952	0.206
P-9	SEA-2	1500	100	1600	1479	1568	0.943	0.204
SEA-2						sum of H	4.625	1.000
P-10	SEA-3	2100	200	2300	2079	2268	0.916	0.213
P-6	SEA-3	1100	1100	2200	1079	2168	0.498	0.116
P-2	SEA-3	1600	100	1700	1579	1668	0.946	0.220
P-7	SEA-3	1400	100	1500	1379	1468	0.939	0.218
P-4	SEA-3	1100	0	1100	1079	1079	1.000	0.233
SEA-3						sum of H	4.300	1.000
S-1	NOT USED	1300	100	1400				

TABLE 2

Number and Type of Protocol Structures

Sample ID	Deposit Weight µg	Number of Grid Openings	Grid Identification A	B	C	D	E
NEA-1	112	370	0	0	0	0	0
NEA-2	122	340	1 NA	1 NA	2 NA	1 TREM 0.3 x 6 µm	3 NA
NEA-3	124	335	0	1 TREM 0.3 X 9 µm	1 NA	0	0
NEA-4	112	370	1 CHRY 0.1 X 6 µm	1 TREM 0.2 X 11 µm	1 TREM 0.2 X 7 µm	2 NA	0
SEA-1	124	340	1 NA	0	0	0	0
SEA-2	131	325	0	0	0	0	0
SEA-3	113	370	0	2 NA	1 CHRY* 0.1 X 12 µm	1 CHRY 0.1 X 8 µm	0

NA = Non Asbestos Fiber in Protocol Size Range

* Also contained one nonasbestos fiber

APPENDIX I

TEM ASBESTOS ANALYSIS

Client Environ. International EMS Lab No. 82451
Sample No. NEA-1 (4A) Page ____ of ____

RECEIVING

TYPE OF SAMPLE: Air ☑ Water ☐ Soil ☐ Bulk ☐ Other ____

METHOD OF ANALYSIS: EPA 600/4-83-043 ☐ ISO ☑

LEVEL OF ANALYSIS: Chrysotile CD-CDQ; Amphibole ADQ

ASPECT RATIO: 3:1 ☐ 5:1 ☐

Approved By SA Date 11/26/02

LENGTHS: All Sizes (EPA) ☐; (μm) ≥0.5 ☐; ≥1.0 ☐; ≥5.0 ☑; ≥10.0 ☐; PCM Range* ☐

*(≥ 0.25 μm width ≥ 5.0 μm length)

FILTER TYPE / AREA (mm±): MCE ☐ PC ☑ MCN ☐ Other ____; 385 ☑ 314 ☐ 1017 ☐

PORE SIZE: 0.45 μm ☐ 0.1 μm ☐ 0.8 μm ☐ 0.22 μm ☑ Other ____

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 370
Filter Lot No. ____

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

Volume ____ liters
Working Volume ____ ml
Weight 0.1124 grams
Ashed Area ____ %

Prepared By SA
Date 11/26/02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-36-01 ☐

Grid Address A
Screen Magnification 900 / 20.1 X
Camera Constant ____
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 10
Analyst Rath Date 11-26

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1A (12-00)

TEM ASBESTOS ANALYSIS

Client Environmental EMS Lab No. 82451
Sample No. NEA-1 UA Page 2 of .

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant Lay
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rock Date 11-26

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
K3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
C33		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Integrated EMS Lab No. 82451
Sample No. NEA/UA Page 3 of .

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 940 X
Camera Constant bair
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radle Date 11-20

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [X] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environmental EMS Lab No. 82451
Sample No. NEA-1 (4A) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address H
Screen Magnification 9600 X
Camera Constant Beir
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Nadia Date 11-20

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Intercept
Sample No NEA-1-4A

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 6400 X
Camera Constant 2e6 v
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Nedk Date 11-26

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
RF3		NSD																							
LS-1		NSD																							
LS-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
WS-1		NSD																							
WS-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
KS-1		NSD																							
FG-1		NSD																							
EG-4		NSD																							
WG-1		NSD																							
WG-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ-Int. EMS Lab No. 82451
Sample No. NEA-1 4A. Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 11/26/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3	NSD																								
C2-6	NSD																								
E2-3	NSD																								
E2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
G2-3	NSD																								
G2-6	NSD																								
H2-3	NSD																								
H2-4	NSD																								
A3-1	NSD																								
A3-4	NSD																								
B3-4	NSD																								
C3-4	NSD																								
C3-1	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Intern EMS Lab No. 82451
Sample No. NEA-1 4A Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 11/26/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K3-3	1	NSD																							
E3-4	1	NSD																							
E3-1	1	NSD																							
E3-4	1	NSD																							
E3-1	1	NSD																							
C3-4	1	NSD																							
C3-1	1	NSD																							
B3-4	1	NSD																							
B3-1	1	NSD																							
B3-6	1	NSD																							
A3-3	1	NSD																							
A3-6	1	NSD																							
A3-3	1	NSD																							
F3-6	1	NSD																							
F3-3	1	NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82454
Sample No. NEA-1 4A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 4100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 18 10 µA
K-Factor 118
Analyst SA Date 11/26/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-6		NSD																							
E3-3		NSD																							
C3-6		NSD																							
C3-3		NSD																							
B3-6		NSD																							
B3-3		NSD																							
BU-1		NSD																							
BU-4		NSD																							
CU-1		NSD																							
CU-4		NSD																							
EU-1		NSD																							
EU-4		NSD																							
FU-1		NSD																							
FU-4		NSD																							
GU-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451.
Sample No. NEA1 4A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 11/26/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
MU-3	1	NSD																							
HU-6	2	NSD																							
HU-3	3	NSD																							
GU-6	4	NSD																							
GU-3	5	NSD																							
FU-6	6	NSD																							
FU-3	7	NSD																							
EU-6	8	NSD																							
EU-3	9	NSD																							
CU-6	10	NSD																							
CU-3	11	NSD																							
BU-6	12	NSD																							
BU-3	13	NSD																							
BS-1	14	NSD																							
BS-U	15	NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int. EMS Lab No. 828451
Sample No: NEA-1 4A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: B
Screen Magnification: 9100 X
Camera Constant: 28.4
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 2.18
Analyst: S. Ahmed Date: 11/26/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5-1	NSD																								
C5-4	NSD																								
E5-1	NSD																								
E5-4	NSD																								
F5-1	NSD																								
F5-4	NSD																								
G5-1	NSD																								
G5-4	NSD																								
H5-1	NSD																								
H5-4	NSD																								
I5-1	NSD																								
I5-4	NSD																								
J6-4	NSD																								
J6-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int - EMS Lab No. 82451
Sample No. NEA-1 4A Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 9400 X
Camera Constant 29.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rodier Date 11-27-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ tht.
Sample No. NEA-1 (4A)

EMS Lab No. 82451
Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 5a'r
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radke Date 11-27-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
I3-3		NSD																							
I3-6		NSD																							
K3-3		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Inst
Sample No. NEA_1 (4A)

EMS Lab No. 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 4400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Radh Date 11-27-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
K4-4		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
H4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRO LAB
Sample No. NEA-1 (4A)

EMS Lab No. X 2431
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RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant Stair
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radhe Date 11-27-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
4-6		NSD																							
4-3		NSD																							
4-6		NSD																							
K4-3		NSD																							
K4-6		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Envivo Lnt.
Sample No. NEA-1 (UA)

EMS Lab No. 82451
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RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 4400 X
Camera Constant 2a·r
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Nadle Date 11-27-92

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K5-1		NSD																							
L5-3		NSD																							
C5-6		NSD																							
E5-3		NSD																							
E5-6		NSD																							
F5-3		NSD																							
F5-6		NSD																							
G5-3		NSD																							
G5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
K6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							
ht																									

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [X] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. NEA-1 (4A) Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant 22.1
Accelerating Voltage 100 KV
Beam Current _____ µA
K-Factor 1.4
Analyst Radke Date 11-27-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON. INT. EMS Lab No. 82451
Sample No. NEA-1 MA Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant Hay
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radke Date 11-27-92

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
I-3-3		NSD																							
H3-0		NSD																							
H3-3		NSD																							
[illegible]		NSD																							
C4-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Inf. EMS Lab No. 82451
Sample No. NE A-1(4A) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address D
Screen Magnification 94000 X
Camera Constant 29.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radke Date 11-27-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-1		N>D																							
F4-4		N>D																							
F4-1		N>D																							
F4-4		N>D																							
G4-1		N>D																							
G4-4		N>D																							
H4-4		N>D																							
H4-4		N>D																							
K4-4		N>D																							
C4-3		N>D																							
C4-6		N>D																							
E4-3		N>D																							
E4-6		N>D																							
F4-3		N>D																							
F4-6		N>D																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviro Int · EMS Lab No. 82451
Sample No. NEA-(LA) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9,400 X
Camera Constant 29.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst [illegible] Date 11-27-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
~~F4-3~~		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
G5-3		NSD																							
G5-1		NSD																							
F5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5 4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
H5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environment
Sample No. NEA-1 4A

EMS Lab No. 8 2145 1
Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒ A
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D9 40
Screen Magnification 4,400 X
Camera Constant 29.V
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rath Date 11-27-2

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K5-4		ND																							
E5-3		NSD																							
E5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
F6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							
H6-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
B5-4		NSD																							
C4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ International EMS Lab No. 82451
Sample No. NEA-1 (4A) Page 1 of 6

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 8100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 11/27/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-1	NSD																								
C6-4	NSD																								
E6-1	NSD																								
E6-4	NSD																								
F6-1	NSD																								
F6-4	NSD																								
A6-1	NSD																								
A6-4	NSD																								
H6-1	NSD																								
H5-6	NSD																								
H5-3	NSD																								
E5-6	NSD																								
E5-3	NSD																								
F5-6	NSD																								
F5-3	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON INT. EMS Lab No. 82401
Sample No. NEA-14A Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 11/27/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5-6	NSD																								
C5-3	NSD																								
B5-6	NSD																								
B4-3	NSD																								
B4-6	NSD																								
C4-3	NSD																								
C4-6	NSD																								
E4-3	NSD																								
E4-6	NSD																								
F4-3	NSD																								
F4-6	NSD																								
A4-3	NSD																								
A4-6	NSD																								
H4-3	NSD																								
H4-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRONMENT EMS Lab No. 82601
Sample No. NEA-1 LA Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmad Date 11/27/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K5-1		NSD																							
J5-4		NSD																							
H5-1		NSD																							
G5-4		NSD																							
G5-1		NSD																							
F5-4		NSD																							
F5-1		NSD																							
E5-4		NSD																							
E5-1		NSD																							
C5-4		NSD																							
C5-1		NSD																							
B5-4		NSD																							
B5-1		NSD																							
CU-1		NSD																							
CU-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☒ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int - EMS Lab No. 82401
Sample No. NEA-1 LA Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 11/27/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
EU-1		NSD																							
EU-4		NSD																							
EU-1		NSD																							
FU-4		NSD																							
GU-1		NSD																							
GU-4		NSD																							
HU-1		NSD																							
HU-4		NSD																							
MU-1		NSD																							
H3-6		NSD																							
H3-3		NSD																							
G3-6		NSD																							
G3-3		NSD																							
F3-6		NSD																							
F3-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. [illegible] 1
Sample No. NEA1 4A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: E
Screen Magnification: 9100 X
Camera Constant: 28.3
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.8
Analyst: SA. Date: 11/27/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-6	NSD																								
E3-3	NSD																								
C3-6	NSD																								
C3-3	NSD																								
B3-6	NSD																								
B3-3	NSD																								
B3-1	NSD																								
B3-4	NSD																								
C3-1	NSD																								
C3-4	NSD																								
E3-1	NSD																								
E3-4	NSD																								
E3-1	NSD																								
E3-4	NSD																								

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ. International EMS Lab No. 82451
Sample No. NEA-2 4A Page _____ of _____

RECEIVING

TYPE OF SAMPLE: Air ☑ Water ☐ Soil ☐ Bulk ☐ Other _____

METHOD OF ANALYSIS: EPA 600-4-83-043 ☐ ISO ☑

LEVEL OF ANALYSIS: Chrysotile CD-CQQ Amphibole ANQ.

ASPECT RATIO: 3:1 ☐ 5:1 ☐

Approved By SA Date 11/27/02

LENGTHS: All Sizes (EPA) ☐ (μm) ≥0.5 ☐ ≥1.0 ☐ ≥5.0 ☑ ≥10.0 ☐ PCM Range* ☐
*(≥0.25 μm width ≥5.0 μm length)

PREP

FILTER TYPE / AREA (mm±): MCE ☐ 385 ☑ PC ☑ 314 ☐ MCN ☐ 1017 ☐ Other _____

PORE SIZE: 0.45 μm ☐ 0.8 μm ☐ 0.1 μm ☐ 0.22 μm ☑ Other _____

G.O. Area (mm²) 0.0 094
No. of G.O. to Analyze 340
Filter Lot No. _____

DIRECT PREP ☐ INDIRECT PREP ☐

Volume _____ liters
Working Volume _____ ml
Weight 122 ug grams
Ashed Area _____ %

Prepared By SA
Date 11/27/02

ANALYSIS

MICROSCOPE:
H600A – Serial No. 542-24-03 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-36-01 ☐

Grid Address A
Screen Magnification 9,400 X
Camera Constant 29.8
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4

Analyst Radle Date 11-27

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C26		NSD																							
E2-3		NSD																							
E26		NSD																							
F2-3		NSD																							
F26		NSD																							
G23		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F36		NSD																							
G3-1		NSD																							
G34		NSD																							
H3-1		NSD																							

TEM - 1A (12-00)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Intl. Sample No. NEA-2-4A
EMS Lab No. 82451 Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address
Screen Magnification [illegible] X
Camera Constant [illegible]
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4
Analyst Radle Date 11-27

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-4		NSD																							
E3-3		F	1.5	125	✓																				EDS Si
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
G4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-B		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Envirg Int. Sample No. NIEA-2-4A

EMS Lab No. 82451 Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☒

H600B – Serial No. 542-05-06 ☐

H600C – Serial No. 542-24-03 ☐

Grid Address A

Screen Magnification 9400 X

Camera Constant 89.7

Accelerating Voltage 100 KV

Beam Current 10 µA

K-Factor 1.4

Analyst Radke Date 11-27

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-4		NSD																							
G4-6		NSD																							
H4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐

Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Envir_Int.
Sample No. NEA.2 4A

EMS Lab No. 82451
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radh. Date 11-27

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H-6		NSD																							
E-4		NSD																							
FS-1		NSD																							
FS-4		NSD																							
HS-1		NSD																							
GS-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
HS-1		NSD																							
CS-6		NSD																							
FS-3		NSD																							
FS-6		NSD																							
HS-3		NSD																							
HS-6		NSD																							
HS3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NEA-2 (4A)

EMS Lab No. 82451
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RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 10,000 X
Camera Constant 21.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Keith Date 11-27

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E6-1		NSD																							
E6-4		NSD																							
F6-1		NSD																							
F6-4		NSD																							
G6-1		NSD																							
G6-4		NSD																							
H6-1		NSD																							
C6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [/] Heavy [X] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

27-Nov-2002 13:47:44

02451,NEA-2-4A,A,#01,RS Preset= 100 secs
Vert= 1000 counts Disp= 1 Elapsed= 29 secs

Energy	Counts	X-Ray Lines
0.54	2739.	O K , O K , V L , Cr L , V L , Cr L , V L , V L , V L , Cr L , Cr Ll
0.98	88.	Zn L , Zn L
1.76	4482.	Si K , Si K , W M , W M

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 15839

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 8.2451
Sample No. NEA-2 C1A Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE:
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9,400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radke Date 11-29-92

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-6		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Envira Int.
Sample No. NEA-2-4A

EMS Lab No. 82451
Page 2 of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 5400 X
Camera Constant 2.91
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rad Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-6		NSD																							
F4-3		NSD																							
E4-4		NSD																							
H4-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No. NEA-2-UA

EMS Lab No. 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant Bai
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rank Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4	F	FF	4	170X	✓																				Si EDS

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No. NEA-2-4A

EMS Lab No. 82451
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9000 X
Camera Constant 26.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Reidle Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E5-1		NSD																							
E5-4		NSD																							
G5-1		NSD																							
G5-4		NSD																							
H5-1		NSD																							
I75-4		NSD																							
K5-1		NSD																							
C5-B		NSD																							
C5-6		NSD																							
E5-3		NSD																							
E5-6		NSD																							
F5-3		NSD																							
F5-6		NSD																							
K5-3		NSD																							
K5-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro. Int - EMS Lab No. 82451
Sample No. NEA-2-4R7 Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant 20.V
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Radh Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H5-3		NSD																							
H5-6		NSD																							
E6-1		NSD																							
E6-4		NSD																							
F6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							
H6-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

29-Nov-2002 08:09:13 +5V2 Pwr

02451,NEA-2-4A,A,#01,RS Preset= 100 secs
Vert= 1000 counts Disp= 1 Elapsed= 6 secs

Energy	Counts	X-Ray Lines
0.53	1177.	O K , O K , V L , Cr L , V L , Cr L , V L , V L , Cr Ll , Cr L
1.44	23.	Al K , Al K
1.76	1886.	Si K , Si K , W M , W M
2.64	47.	Cl K , Cl K
3.18	24.	Sb Ll
3.58	21.	Sb L , Sb L
9.74	21.	Au L

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 5494

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. NEA-2 4A Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9,000 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radka Date 11-29-0

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E2-3		NAD																							
E2-6		NAD																							
F2-3		NAD																							
F2-6		NAD																							
G2-3		NAD																							
G2-6		NAD																							
C3-1		NAD																							
C3-4		NAD																							
E3-1		NAD																							
E3-4		NAD																							
F3-1		NAD																							
F3-4		NAD																							
G3-1		NAD																							
G3-4		NAD																							
H3-1		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. NEA-2-4R Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 9,400 X
Camera Constant 2.47
Accelerating Voltage 100 KV
Beam Current 40 µA
K-Factor 1.9
Analyst Nadia Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-6		NSD																							
C4-1		NSD																							
C4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. NEA-2-UN Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 9,400 X
Camera Constant 28.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rudle Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
F4 6		F	5	68	✓																				Si
H4-3		NSD																							
G4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ. Int. Sample No. NEA-2-4A

EMS Lab No. 82451 Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☑

H600B – Serial No. 542-05-06 ☐

H600C – Serial No. 542-24-03 ☐

Grid Address C

Screen Magnification 9,400 X

Camera Constant 2a'r

Accelerating Voltage 100 KV

Beam Current 10 µA

K-Factor 1.4

Analyst Radh Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
K4-6		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-4		NSD																							
K5-1		NSD																							
K5-4		F	4	100	✓																	Si			
H5-1		NSD																							
H5-4		NSD																							
K5-1		NSD																							
K5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐

Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. NEA-2-4A

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 9400 X
Camera Constant 29.V
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Rodka Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F5-6		NSD																							
4F-3		NSD																							
4F-6		NSD																							
5F-3		NSD																							
5F-6		NSD																							
F6-4		NSD																							
16-1		NSD																							
16-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82451
Sample No NEA-2 4A Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 940 X
Camera Constant 26.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Redle Date 11-19-a.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
G2-3		NSD																							
H2-3		NSD																							
C3-1	1	F	3*	55													✓				3	10	2	2	EDS Tremolite
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int.
Sample No. NEA-2-4A

EMS Lab No. 82451
Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9,400 X
Camera Constant 20 i
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4
Analyst Radh Date 11-29-9

Grid Opening	Structure Number	Structure	Dimensions (mm)		Fiber Classification															EDS Analysis					Comments
			Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	
C3-3		NSD																							
C3-6		NSD																							
E3-6		NSD																							
F3-3		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NEA2-4A

EMS Lab No. 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 4400 X
Camera Constant 2e-7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst RNH Date 11-29-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H4-1		NSD																							
H4-4		NSD																							
1-H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
I4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
H5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int.
Sample No.: NEA-2-4A
EMS Lab No.: 8251
Page 4 of .

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address: D
Screen Magnification: 20K X
Camera Constant: 2e..r
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.4
Analyst: Radh Date: 11-29-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CJ-1		NSD																							
HJ-1		NSD																							
HJ-4		NSD																							
CJ-3		NSD																							
CJ-6		NSD																							
EJ-3		NSD																							
EJ-6		NSD																							
FJ-3		NSD																							
FJ-6		NSD																							
GJ-3		NSD																							
GJ-6		NSD																							
IJ-6		NSD																							
FJ-3		NSD																							
FJ-6		NSD																							
GJ-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. NEAL 3A Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE*
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant Daisy
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rodh Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
B-6		NSD																							micrograph.
B4-4		NDII	80	100																					EDS. 7162
		MF	2	100														✓			2	10	2	1	has trace of Al, clevage.
C4-1		NSD																							
E4-6		NSD																							
E4-1		NSD																							
E44		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
B4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NEA-2-4A

EMS Lab No. 8245 1
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address D
Screen Magnification 9400 X
Camera Constant 3.07
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9

Analyst Radh Date 11-29-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G6-4		NSD																							
E6-1		NSD																							
E6-4		NSD																							
F6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							
H6-4		NSD																							
I6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [✓] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

29-Nov-2002 09:35:14 -WARNING-

02451,NEA-2-4A,D,#01,RS Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 30 secs

Energy	Counts	X-Ray Lines
0.53	1137.	O K , O K , V L , Cr L , V L , Cr L , V L , V L , Cr L1 , Cr L
1.27	490.	Mg K , Mg K , Mg K , As L , As L , As L
1.76	1432.	Si K , Si K , W M , W M
3.72	282.	Ca K , Ca K
6.40	264.	Fe K , Fe K

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 14409

TEM ASBESTOS ANALYSIS

Client Environ-Int. EMS Lab No. 82451
Sample No. NEA-24A. Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 940 X
Camera Constant Sai
Accelerating Voltage 10 100 KV
Beam Current _____ µA
K-Factor 1.4
Analyst Radke Date 11-29-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		MDIF	35	65																					
		MF	5	50	✓																				EDS
H2-3		NSD																							
H2-6		NSD																							
I2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 8242
Sample No. NAA-2 UA Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address E
Screen Magnification 9400 X
Camera Constant 28.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Radh Date 11-29-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-6		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
F3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [X] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. NEA-2-WP

EMS Lab No. 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 X
Camera Constant Det
Accelerating Voltage 100 KV
Beam Current 50 µA
K-Factor 1.0
Analyst Rodh Date 11-29-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-6		NSD																							
F4-1		NSD																							
F4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☑ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int'l EMS Lab No. 8261
Sample No. NEA-2-417 Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 Direct X
Camera Constant
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Rash Date 11-29-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
GN-3		F	4	105	✓																				Si
G4-6		NSD																							
H4-3		MD11	150	150	✓																				Si
H4-6		MF	3	120																					
I4-6		NSD																							
K4-3		NSD																							
C5-3		NSD																							
C5-6		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
G5-1		NSD																							
G5-4		NSD																							
H5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int'l · EMS Lab No. 8 2457
Sample No. NEA-2-4A · Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 X
Camera Constant 20.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radk Date 11-29-9.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H5-4		NSD																							
H5-3		NSD																							
C75-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
E6-4		NSD																							
E6-1		NSD																							
E6-4		NSD																							
H6-1		NSD																							
H6-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

29-Nov-1902 10:13:37 82451,NEA-2-4A,E,#01

ENERGY	COUNTS	X-RAY LINES
0.53	2779.	O KA1, O KA2, V LA1, Cr LA1, V LA2, Cr LA2, V LB1, V LG1, Cr LL1, Cr LN
1.50	1134.	Al KA1, Al KA2
1.76	3644.	Si KA1, Si KA2, W MA1, W MA2
2.26	39.	S KA1, S KA2, Mo LA1, Mo LA2, W ME
3.33	418.	K KA1, K KA2
3.69	97.	Ca KA1, Ca KA2
4.49	41.	Ti KA1, Ti KA2, Ba LA1, Ba LA2
5.03	45.	Ba LB6
6.41	43.	Fe KA1, Fe KA2

TEM ASBESTOS ANALYSIS

Client Enviro. Int. Sample No. NEA-3 (2A)

EMS Lab No. 82457 Page _____ of _____

RECEIVING

TYPE OF SAMPLE
Air ☑ Water ☐
Soil ☐ Bulk ☐
Other _____

METHOD OF ANALYSIS
EPA 600-4-83-043 ☐ ISO ☒

LEVEL OF ANALYSIS
Chrysotile CD - CDQ
Amphibole ADX - ADQ

ASPECT RATIO
3:1 ☐ 5:1 ☐

LENGTHS
All Sizes (EPA) ☐
(μm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☒
≥10.0 ☐
PCM Range* ☐
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☑
PC ☒ 314 ☐
MCN ☐ 1017 ☐
Other _____

PORE SIZE
0.45 μm ☐ 0.8 μm ☐
0.1 μm ☐ 0.22 μm ☑
Other _____

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 335
Filter Lot No. _____

Approved By RL Date 12-2-02

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

Volume _____ liters
Working Volume _____ ml
Weight 0.124 μgrams
Ashed Area _____ %

Prepared By RS
Date 12-2-02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-36-01 ☐

Grid Address A4W
Screen Magnification 9400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4

Analyst Radha Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NAD																							
C2-6		NAD																							
E2-3		NAD																							
E2-6		NAD																							
F2-3		NAD																							
F2-6		NAD																							
G2-3		NAD																							
G2-6		NAD																							
C3-1		NAD																							
C3-4		NAD																							
E3-1		NAD																							
E3-4		NAD																							
F3-1		NAD																							
F3-4		NAD																							
G3-1		NAD																							

TEM - 1A (12-00)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. NEA-3-2A Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant Eq. 6
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Redle Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-4		NSD																							
H3-1		NSD																							
H3-6		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
I3-3		NSD																							
I3-6		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							

TEM-1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviran Int'l EMS Lab No. 82451
Sample No. NIEA-3-2A Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01. [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address D
Screen Magnification 9,400 X
Camera Constant Zeiss
Accelerating Voltage 100 KV
Beam Current 1.9 µA
K-Factor
Analyst Rodh Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-4		NSD																							
F-4-		NSD																							
F4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
I4-1		NSD																							
H4-4		NSD																							
I-4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F-4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
H4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. NEA-3 2A Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9.4W X
Camera Constant 26.V
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rank Date 12-20

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
G-1		NSD																							
CS-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
CS-1		NSD																							
ES-6		NSD																							
HS-1		NSD																							
W-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
ES-3		NSD																							
ES-6		NSD																							
FS-3		NSD																							
FS-6		NSD																							
W-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client: Enviroclent
Sample No: NEA-3 (2A)

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address: A
Screen Magnification: 9,400 X
Camera Constant: 20.1
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.4
Analyst: Rich Date: 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H5-6		NSD																							
I5-3		NSD																							
G6-4		NSD																							
E6-1		NSD																							
E6-4		NSD																							
K6-4		NSD																							
H6-1		NSD																							
R ~~H6-~~																									

OBSERVATIONS:

Clean ☐					
Debris: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☐	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client: EnVira Int
Sample No.: NEA-3-(2A)

EMS Lab No.: 82487
Page: 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address: B
Screen Magnification: 9100 X
Camera Constant: 2827
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.18
Analyst: S Ahmad Date: 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G2-6	NSD																								
G2-3	NSD																								
G2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
C2-3	NSD																								
C2-6	NSD																								
H2-3	NSD																								
H3-3	NSD																								
H3-6	NSD																								
H3-3	NSD																								
H3-6	NSD																								
C3-3	NSD																								
F3-6	NSD																								
F3-3	NSD																								

TEM - 1R (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☒ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON-INT. EMS Lab No. 82401
Sample No. NEA-3 (2A) Page 2 of 5.

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☒

Grid Address B
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 6.18
Analyst SAhmad Date 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-6	NSD																								
E3-3	NSD																								
C3-6	NSD																								
C3-3	NSD																								
B3-6	NSD																								
B3-3	NSD																								
BU-3	NSD																								
BU-6	NSD																								
CU-3	NSD																								
CU-6	NSD																								
EU-3	NSD																								
EU-6	NSD																								
FU-3	NSD																								
FU-6	NSD																								
AU-3	NSD																								
AU-6	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro, Int. EMS Lab No. ______
Sample No. NBA-3 (2A) Page 3 of ___

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: B
Screen Magnification: 2100 X
Camera Constant: 28.4
Accelerating Voltage: 100 KV
Beam Current: 80 μA
K-Factor: 1.8
Analyst: S. Ahmed Date: 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Na	Mg	Si	Ca	Fe	Comments
HU-3		NSD																							
HU-6		NSD																							
KU-3		NSD																							
KU-6		NSD																							
KS-1		NSD																							
HS-4		NSD																							
HS-1		NSD																							
QS-4		NSD																							
QS-1		NSD																							
FS-1		NSD																							
FS-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
GS-4		NSD																							
CS-1	1	F *	215	80													✓				3	10	2	1	EDS#1; Tremolite SAED 7155

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client Environ. Int. · EMS Lab No. 8205 L
Sample No. NEA-32A · Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address: B
Screen Magnification: 9100 X
Camera Constant: 28-4
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.8
Analyst: S Ahmad Date: 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B5-3		NSD																							
B5-6		NSD																							
C5-3		NSD																							
C5-6		NSD																							
E5-3		NSD																							
E5-6		NSD																							
F5-3		NSD																							
F5-6		NSD																							
G5-3		NSD																							
G5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
I5-3		NSD																							
I6-4		NSD																							
I6-1		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client ENVIRON. INT. EMS Lab No. 8244.1
Sample No. NEA-3 (2A) Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address B.
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmed Date 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G6-1	NSD																								
E6-4	NSD																								
E6-1	NSD																								
G6-4	NSD																								
F6-1	NSD																								
G6-1	NSD																								
F6-1	NSD																								
F6-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

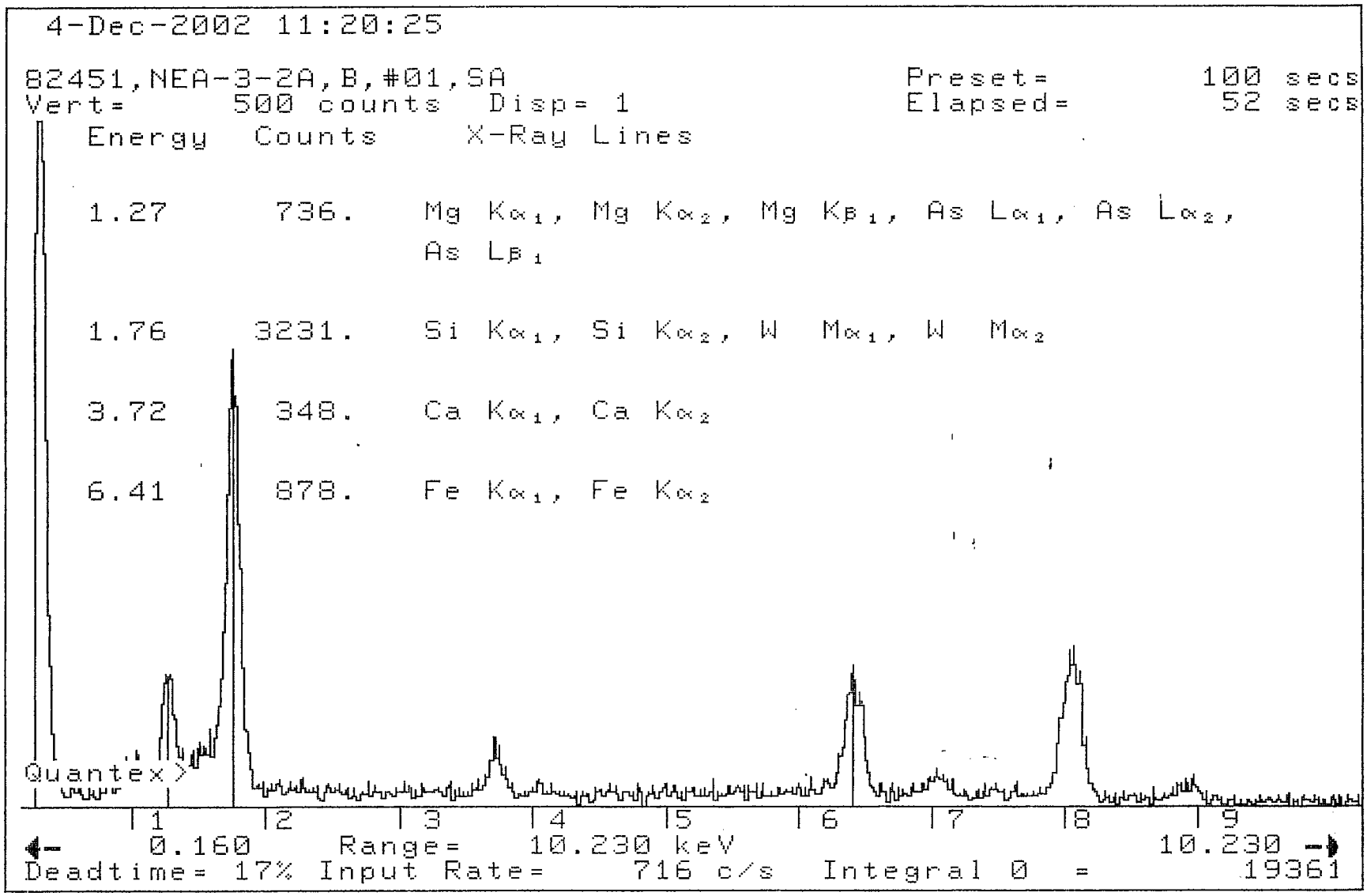
Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

2-Dec-2002 10:41:51 -WARNING- .

82451-NEA-3,B,#01,SA Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 95 secs

Energy	Counts	X-Ray Lines
1.27	1178.	Mg K , Mg K , Mg K , As L , As L , As L
1.76	4231.	Si K , Si K , W M , W M
3.71	778.	Ca K , Ca K
6.41	538.	Fe K , Fe K

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 19169


4-Dec-2002 11:20:25
82451,NEA-3-2A,B,#01,SA
Preset= 100 secs
Vert= 500 counts Disp= 1
Elapsed= 52 secs
Energy Counts X-Ray Lines
1.27 736. Mg Kα1, Mg Kα2, Mg Kβ1, As Lα1, As Lα2, As Lβ1
1.76 3231. Si Kα1, Si Kα2, W Mα1, W Mα2
3.72 348. Ca Kα1, Ca Kα2
6.41 878. Fe Kα1, Fe Kα2
Quantex
1 2 3 4 5 6 7 8 9
0.160 Range= 10.230 keV 10.230
Deadtime= 17% Input Rate= 716 c/s Integral 0 = 19361

TEM ASBESTOS ANALYSIS

Client Environ Int'l.
Sample No. NEA-3-2A

EMS Lab No. 82451
Page 4 of 4

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9900 X
Camera Constant 2a1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rodle Date 12-2-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
H2-3		NSD																							
G3-1		NSD																							
G3-4		NSD																							
E3-1		MDII	70	110	✓																				FED
~~E3-4~~		MF	1.5	110																					
F3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. NEA-3 2A Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9400 X
Camera Constant 21a.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radh Date 11-2-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
K3-6		NSD																							
C4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 8245
Sample No. NEA-3 2A Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.0
Analyst Rachh Date 11-29

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
K4-4		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro. Int EMS Lab No. 82451
Sample No. NEA-3-2A Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 940 X
Camera Constant Bai
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rachel Date 12-20

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-3		NSD																							
F4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environment EMS Lab No. 52401
Sample No. NEA-3 (2A) Page 5 of 1

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 900 X
Camera Constant 2.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Perth Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
HJ-1		NSD																							
HJ-4		NSD																							
HJ-1		NSD																							
HJ-4		NSD																							
HJ-6		NSD																							
HJ-3		NSD																							
HJ-6		NSD																							
G76-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

2-Dec-2002 10:43:21 --WARNING-

82451-NEA-3,C,#01,RS Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 21 secs

Energy	Counts	X-Ray Lines
0.53	2194.	O K , O K , V L , Cr L , V L , Cr L , V L , V L , Cr Ll , Cr L
1.25	81.	Mg K , Mg K , Mg K , As L , As L
1.50	1181.	Al K , Al K
1.76	2341.	Si K , Si K , W M , W M
3.34	526.	K K , K K
6.40	131.	Fe K , Fe K

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 13568

TEM ASBESTOS ANALYSIS

Client Enviran Int. EMS Lab No. 82451
Sample No. NEA-3 (2A) Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.08
Analyst S Ahmad Date 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
H3-4		NSD																							
H3-1		NSD																							
I3-4		NSD																							
I3-1		NSD																							
J3-4		NSD																							
J3-1		NSD																							

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int. EMS Lab No. 82451
Sample No: VEA-3 2A- Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmed Date 11/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-4		NSD																							
E3-1		NSD																							
C3-4		NSD																							
C3-1		NSD																							
B3-4		NSD																							
B4-1		NSD																							
C4-4		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82451
Sample No NEA-32A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 2100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmed Date 12/21/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KU-1		NSD																							
KU-3		NSD																							
HU-6		NSD																							
HU-3		NSD																							
GU-6		NSD																							
GU-3		NSD																							
FU-6		NSD																							
FU-3		NSD																							
EU-3		NSD																							
EU-6		NSD																							
CU-6		NSD																							
CU-3		NSD																							
BU-6		NSD																							
BU-3		NSD																							
BS-1		NSD																							

TEM - 1B (8/01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ, Int. EMS Lab No. 82451.
Sample No: VEA-32A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: D
Screen Magnification: 9100 X
Camera Constant: 28.4
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.18
Analyst: SA Ahmed Date: 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
G5-1		NSD																							
G5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
K5-1		NSD																							
H6-4		NSD																							
H6-1		NSD																							
G6-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: ENVIRON-Int. EMS Lab No. 82451
Sample No: NEA-32A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 18
Analyst S Ahmad Date 12/2/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-1	NSD																								
F6-4	NSD																								
F6-1	NSD																								
E6-4	NSD																								
E6-1	NSD																								
C6-4	NSD																								
C6-1	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82457
Sample No. NEA-3 (2A) Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9,400 X
Camera Constant 28.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radle Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
H2-3		NSD																							
H2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Inc. EMS Lab No. 82451
Sample No. NEA-3 2A Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 94W X
Camera Constant Ea-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rudy Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Inc. EMS Lab No. 82451
Sample No. NIE-A-3 (2A) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 940 X
Camera Constant Beir
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Barb Date 12-2-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviva Inc EMS Lab No. 02631
Sample No. NEA-3 2A Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 6400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rock Date 12-2-a.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H4-3		NSD																							
H4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
ES-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
ES-3		NSD																							
ES-6		NSD																							
ES-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON INC
Sample No. NEA-3 2A

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address E
Screen Magnification 940 X
Camera Constant 21.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Radhe Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
W5-3		NAD																							
W5-6		NAD																							
H3-3		NAD																							
H3-6		NAD																							
E6-3		NAD																							
E6-6		NAD																							
W6-3		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NEA-4 (3A)

EMS Lab No. 82451
Page _____ of _____

RECEIVING

TYPE OF SAMPLE
Air [X] Water [ ]
Soil [ ] Bulk [ ]
Other _____

METHOD OF ANALYSIS
EPA 600/4-83-043 [ ] ISO [X]

LEVEL OF ANALYSIS
Chrysotile CD-CDQ
Amphibole ADX-ADQ

ASPECT RATIO
3:1 [X] 5:1 [ ]

LENGTHS
All Sizes (EPA) [ ]
(μm) ≥0.5 [ ]
≥1.0 [ ]
≥5.0 [X]
≥10.0 [ ]
PCM Range* [ ]
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE [ ] 385 [ ]
PC [X] 314 [ ]
MCN [ ] 1017 [ ]
Other _____

PORE SIZE
0.45 μm [ ] 0.8 μm [ ]
0.1 μm [ ] 0.22 μm [X]
Other _____

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 370
Filter Lot No. _____

Approved By RS Date 12-3-02

PREP

DIRECT PREP [ ]
INDIRECT PREP [ ]

Volume _____ liters
Working Volume 0.112 ml
Weight 0.112 grams
Ashed Area _____ %

Prepared By RS
Date 12-3-02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-36-01 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant 2.01
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4

Analyst Radka Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
H2-3		NSD																							
H2-6		NSD																							
I-2-3		NSD																							
I-2-4		NSD																							
B3-4		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							

TEM - 1A (12-00)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. NEA-4 (3A) Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 4400 X
Camera Constant 29
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rod Date 12-3-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
B3-6		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
E3-3		B	10	70	✓																				EDS.
E3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Jnl EMS Lab No. 82451
Sample No. NEA-4 3A Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant 22.9
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst RanKa Date 12-3-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K3-3		NSD																							
B4-4		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
H4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
B4-6		NSD																							
C4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. NEA-4 3A Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9,400 X
Camera Constant Beir
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst JDM Date 12-3-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
A-6		NSD																							
E4-3		1	1	55							✓										9	10			EDS Chrysotile #156
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
L5-3		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int'l
Sample No. NEA-4-3A

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9400 X
Camera Constant Zero
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Bertha Date 12-3-a.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
FS-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
KS-1		NSD																							
CS-6		NSD																							
ES-3		NSD																							
ES-6		NSD																							
FS-3		NSD																							
FS-6		NSD																							
HS-3		NSD																							
HS-4		NSD																							
HF-3		NSD																							
~~HF-6~~																									

STEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

3-Dec-2002 09:22:25 -WARNING-

02451,NEA-4,A,#01,RS Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 54 secs

Energy	Counts	X-Ray Lines
0.53	2015.	O K , O K , V L , Cr L , V L , Cr L , V L , V L , Cr Ll , Cr L
1.26	500.	Mg K , Mg K , Mg K , As L , As L
1.50	284.	Al K , Al K
1.76	2534.	Si K , Si K , W M , W M

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 457
3-Dec-2002 09:43:12 +5V2 Pwr

02451,NEA-4,A,#02,RS Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 10 secs

Energy	Counts	X-Ray Lines
0.54	537.	O K , O K , V L , Cr L , V L , Cr L , V L , Cr L , V L , V L , V L , Cr L , Cr Ll
1.20	417.	Mg K , Mg K , Mg K , As L , As L , As L
1.77	465.	Si K , Si K , W M , W M

Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 113

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NE A-4 (3A)

EMS Lab No. 82451
Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 940 X
Camera Constant 2a.r
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst [illegible signature] Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		ND																							
C2-6		ND																							
E2-3		ND																							
E2-6		ND																							
F2-3		ND																							
F2-6		ND																							
G2-3		ND																							
H2-6		ND																							
H2-3		ND																							
B3-4		ND																							
C3-1		ND																							
C3-4		ND																							
E3-1		ND																							
E3-4		ND																							
F3-1		ND.																							

OBSERVATIONS:

Clean ☐						
Debris: ☐	Very Light ☐	Light ☐	Moderate ☒	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☐	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environmental
Sample No. NEA W 3A

EMS Lab No. 82451
Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant 26.6
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 6.4
Analyst Ranka Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
D-6		NSD																							
C3-3		NSD																							
C3-6		NSD																							
F-3-3		NSD																							
E3-6		NSD																							
F-3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. NEA-4 (3A)

EMS Lab No. 82451
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 940 X
Camera Constant 24
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4 12-3-a
Analyst Radke Date 12-3-a.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 8245
Sample No. NEA-4 (3A) Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 940 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Roth Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F5-1		NSD																							
F5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
C5-3		NSD																							
C5-6		NSD																							
F5-3		NSD																							
F5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
F6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

03-Dec-1902 11:00:32 82451,NEA-4,B,#01,RS

ENERGY	COUNTS	X-RAY LINES
0.53	4055.	O KA1, O KA2, V LA1, Cr LA1, V LA2, Cr LA2, V LB1, V LG1, Cr LL1, Cr LN
1.27	1236.	Mg KA1, Mg KA2, Mg KB1, As LA1, As LA2, As LB1
1.50	171.	Al KA1, Al KA2
1.76	5165.	Si KA1, Si KA2, W MA1, W MA2
2.03	63.	Pd LA1, Pd LA2
3.31	160.	K KA1, K KA2, In LA1, In LA2, Pd LG1
3.71	945.	Ca KA1, Ca KA2, In LB2
4.02	77.	Ca KB1, Ca KB3
6.41	707.	Fe KA1, Fe KA2
7.06	70.	Fe KB1, Fe KB3

TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No. NEA-4 (3A)

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9100 X
Camera Constant 78-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-1	NSD																								
C6-4	NSD																								
E6-1	NSD																								
E6-4	NSD																								
F6-1	NSD																								
F6-4	NSD																								
G6-1	NSD																								
G6-4	NSD																								
H6-1	NSD																								
F5-6	NSD																								
F5-3	NSD																								
E5-6	NSD																								
E5-3	NSD																								
C5-6	NSD																								
C5-3	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON. Int. EMS Lab No. 82451.
Sample No NEA-4 (3A) Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE,
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
BF-6	1	F	115	62													✓				3	10	2	1	Small Al, rounded edges Micrograph #7163
BS-1	NSD																								
BS-4	NSD																								
CS-1	NSD																								
CS-4	NSD																								
ES-1	NSD																								
ES-4	NSD																								
FS-1	NSD																								
FS-4	NSD																								
GS-1	NSD																								
GS-4	NSD																								
HS-1	NSD																								
HS-4	NSD																								
MS-1	NSD																								
MS-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451.
Sample No NEA-4 (3A) Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE:
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmad Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KU-3		NSD																							
HU-6		NSD																							
HU-3		NSD																							
CU-6		NSD																							
CU-3		NSD																							
EU-6		NSD																							
EU-3		NSD																							
EU-6		NSD																							
EU-3		NSD																							
CU-6		NSD																							
CU-3		NSD																							
BU-6		NSD																							
BU-3		NSD																							
AU-6		NSD																							
BU-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ. Int. EMS Lab No. 82451.
Sample No: NEA-4 3A. Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

C.

Grid Address
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B4-4	NSD																								
C4-1	NSD																								
C4-4	NSD																								
E4-1	NSD																								
E4-4	NSD																								
F4-1	NSD																								
F4-4	NSD																								
G4-1	NSD																								
G4-4	NSD																								
H4-1	NSD																								
H4-4	2	F	15	70	✓																	Si.			
I3-3	NSD																								
I3-6	NSD																								
J3-3	NSD																								
J3-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON Int. EMS Lab No. 82451
Sample No NEA-4 3A. Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3	3	NSD																							
B3	6	NSD																							
E3	3	NSD																							
C3	6	NSD																							
C3	3	NSD																							
B3	6	NSD																							
B3	3	NSD																							
B3	4	NSD																							
B3	1	NSD																							
E3	1	NSD																							
E3	4	NSD																							
E3	1	NSD																							
F3	4	NSD																							
A3	1	NSD																							
A3	4	NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

3-Dec-2002 11:44:56 -WARNING-

82451-NEA-4,C,#01,SA Preset= 100 secs
Vert= 200 counts Disp= 1 Elapsed= 49 secs

Energy	Counts	X-Ray Lines
1.27	354.	Mg K , Mg K , Mg K , As L , As L , As L
1.76	1191.	Si K , Si K , W M , W M
3.72	202.	Ca K , Ca K
6.42	182.	Fe K , Fe K
8.05	729.	Cu K , Cu K

Quantex>
0.160 Range= 10.230 keV 10.230
Integral A = 270

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. NEA-4 (3A)

EMS Lab No. 82451
Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant Lev 1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Radka Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. NEA-4 3A
EMS Lab No. 82451
Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9,400 X
Camera Constant
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Redle. Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-1		NSD																							
H3-4		NSD																							
I3-1		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
I-13-3		F	1	55	✓																	Si			
H3-6		NSD																							
K3-3		NSD																							
C4-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Inc.
Sample No. NEA-4 (3A)

EMS Lab No. 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant 29.6
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radke Date 12-3-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-B		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		F	5	60*	✓																				Si
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. Sample No. NEA-4 (3A)

EMS Lab No. 82451

Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☒

H600B – Serial No. 542-05-06 ☐

H600C – Serial No. 542-24-03 ☐

Grid Address D

Screen Magnification 9400 X

Camera Constant Zero

Accelerating Voltage 100 KV

Beam Current 10 µA

K-Factor 1.4

Analyst Padla Date 12-2-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F4-3		NSD																							
H4-3		NSD																							
H4-6		NSD																							
I-H4-3		NSD																							
I-H4-6		NSD																							
K4-3		NSD																							
CS-1		NSD																							
CS-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
FS-1		NSD																							
FS-4		NSD																							
W-1		NSD																							
W-4		NSD																							
H5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐

Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client Environ Int Sample No. NEA-4 (3A)

EMS Lab No. 82451 Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 [x]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address D
Screen Magnification 9400 X
Camera Constant Day
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4
Analyst Radha Date 12-3-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5-3		NSD																							
C5-6		NSD																							
E5-3		NSD																							
E5-6		NSD																							
F5-3		NSD																							
F5-6		NSD																							
G5-3		NSD																							
G5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
E6-4		NSD																							
E6-1		NSD																							
F6-4		NSD																							
H6-1		NSD																							
~~H6-4~~																									

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [x] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM - 1B (8-01)

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TEM ASBESTOS ANALYSIS

Client Environ Int. Sample No. NEA-4 (3A)

EMS Lab No. 8245 Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☐

H600B – Serial No. 542-05-06 ☑

H600C – Serial No. 542-24-03 ☐

Grid Address E

Screen Magnification 9100 X

Camera Constant 28.4

Accelerating Voltage 100 KV

Beam Current 10 µA

K-Factor 1.8

Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-3	NSD																								
F6-1	NSD																								
F6-4	NSD																								
E6-1	NSD																								
E6-4	NSD																								
C6-1	NSD																								
C6-4	NSD																								
F6-1	NSD																								
F5-6	NSD																								
F5-3	NSD																								
C5-6	NSD																								
C5-3	NSD																								
E5-6	NSD																								
E5-3	NSD																								
E5-6	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐

Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐

Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int.
Sample No. NBA4 3A

EMS Lab No. 82451
Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-35-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.8
Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E5-3	NSD																								
C5-6	NSD																								
C5-3	NSD																								
B5-6	NSD																								
B5-4	NSD																								
C5-1	NSD																								
C5-4	NSD																								
E5-1	NSD																								
E5-4	NSD																								
F5-1	NSD																								
F5-4	NSD																								
A5-1	NSD																								
A5-4	NSD																								
I5-1	NSD																								
I5-4	NSD																								

OBSERVATIONS:

- Clean ☐
- Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☑ Very Heavy ☐
- Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
- Condition of the Grid: ☑ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client ENVIRON-INT. EMS Lab No. 82451
Sample No. NEA4-3A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 1.8 to 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KU-5	NSD																								
KU-3	NSD																								
EU-1	NSD																								
EU-4	NSD																								
FU-1	NSD																								
FU-4	NSD																								
HU-1	NSD																								
HU-4	NSD																								
GU-1	NSD																								
GU-4	NSD																								
CU-4	NSD																								
BU-4	NSD																								
BU-1	NSD																								
BU-3	NSD																								
BU-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int · EMS Lab No. 82451.
Sample No. NEAR 4 3A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 2100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CU-3	NSD																								
CU-6	NSD																								
EU-3	NSD																								
EU-6	NSD																								
FU-3	NSD																								
FU-6	NSD																								
GU-3	NSD																								
GU-6	NSD																								
HU-3	NSD																								
HU-6	NSD																								
JU-3	NSD																								
JU-6	NSD																								
13-3	NSD																								
13-6	NSD																								
13-3	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐					
Debris: ☐	Very Light ☐	Light ☐	Moderate ☑	Heavy ☑	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☐	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. NEA-4 3A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address F
Screen Magnification 1000 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/3/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-6	NSD																								
G3-3	NSD																								
F3-6	NSD																								
F3-3	NSD																								
E3-6	NSD																								
E3-3	NSD																								
D3-6	NSD																								
D3-3	NSD																								
C3-6	NSD																								
C3-3	NSD																								
B3-6	NSD																								
B3-3	NSD																								
A3-6	NSD																								
A3-3	NSD																								
G2-3	NSD																								
F2-3	NSD																								
E2-3	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No. SEA-1 (4A)

EMS Lab No. 82451
Page 1 of ____

RECEIVING

TYPE OF SAMPLE
Air ☒ Water ☐
Soil ☐ Bulk ☐
Other ____

METHOD OF ANALYSIS
EPA 600/4-83-043 ☐ ISO ☒

LEVEL OF ANALYSIS
Chrysotile CD - CDQ
Amphibole ADX ADQ

ASPECT RATIO
3:1 ☒ 5:1 ☐

Approved By [signature] Date 12-4-02

LENGTHS
All Sizes (EPA) ☐
(µm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☒
≥10.0 ☐
PCM Range* ☐
*(≥0.25 µm width ≥5.0 µm length)

FILTER TYPE / AREA (mm²)
MCE ☐ 385 ☒
PC ☒ 314 ☐
MCN ☐ 1017 ☐
Other ____

PORE SIZE
0.45 µm ☐ 0.8 µm ☐
0.1 µm ☐ 0.22 µm ☒
Other ____

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 340
Filter Lot No. ____

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

Volume ____ liters
Working Volume ____ ml
Weight 0.124 L grams
Ashed Area ____ %

Prepared By Rf
Date 12-4-02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-36-01 ☐

Grid Address A
Screen Magnification 9 kW X
Camera Constant 26.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.0
Analyst [signature] Date 12-4-02

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							
H3-1		NSD																							
B3-6		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1A (12-00)

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. SEA-1 (UA) Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 19 uu X
Camera Constant 29.8
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radha Date 12-4-96

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-4		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
B4-4		NSD																							
C4-4		NSD																							
C4-4		NSD																							
E4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82451
Sample No. SEA-1 4A Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 940 X
Camera Constant 29r
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4
Analyst Ravlk Date 12-4-02

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
E4-4		NSD																							
F4-4		NSD																							
G4-		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		MD11	5.5	75	✓																				EDS Si
~~K4-1~~		MF	1.5	65	✓																				
K4-4		NSD																							
B4-6		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Intl EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 940 X
Camera Constant Var
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rankin Date 12-4-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
K4-6		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
G5-1		NSD																							
G5-4		NSD																							
H5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int'l
Sample No. SEA-1 (4A)

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radh Date 12-4-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5		NAD																							
E5-3		NAD																							
E5-6		NAD																							
E6-4		NAD																							
F6-1		NAD																							
F6-4		NAD																							
H6-1		NAD																							
H6-4		NAD																							
H5-6		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

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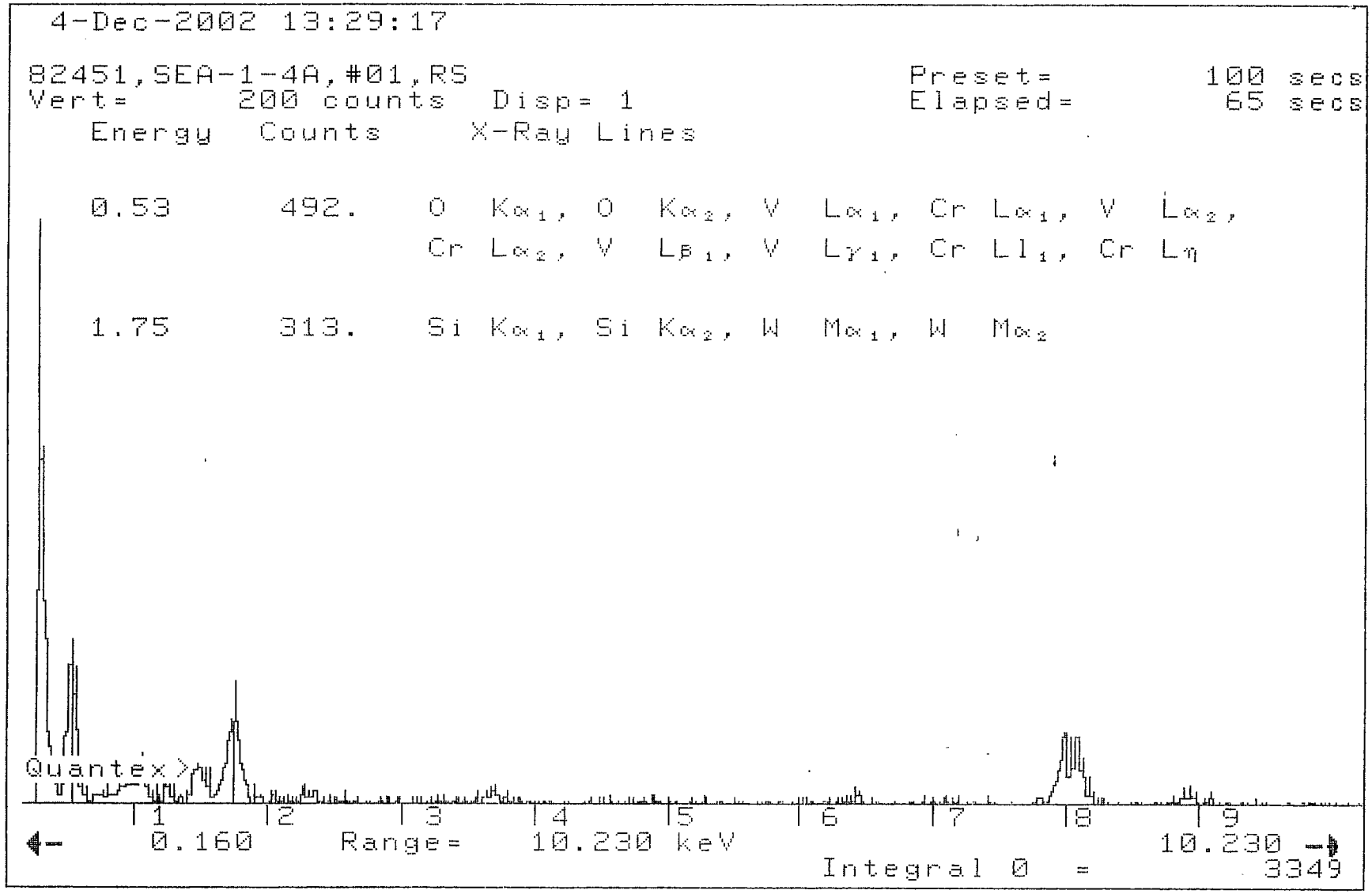
4-Dec-2002 13:29:17
82451,SEA-1-4A,#01,RS
Preset= 100 secs
Vert= 200 counts Disp= 1
Elapsed= 65 secs
Energy Counts X-Ray Lines
0.53 492. O Kα1, O Kα2, V Lα1, Cr Lα1, V Lα2,
Cr Lα2, V Lβ1, V Lγ1, Cr Ll1, Cr Lη
1.75 313. Si Kα1, Si Kα2, W Mα1, W Mα2
Quantex>
1 2 3 4 5 6 7 8 9
0.160 Range= 10.230 keV 10.230
Integral 0 = 3349

TEM ASBESTOS ANALYSIS

Client Enviran Int.
Sample No. SEA-1 4A

EMS Lab No. 82457
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 12/4/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B2-6	NSD																								
C2-3	NSD																								
C2-6	NSD																								
E2-3	NSD																								
E2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
G2-3	NSD																								
G2-6	NSD																								
H2-3	NSD																								
H2-6	NSD																								
J3-1	NSD																								
J3-4	NSD																								
K3-1	NSD																								
K3-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☒ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☒ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82405
Sample No. SEA-1 UA Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B9
Screen Magnification 100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 12/4/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1	NSD																								
F3-4	NSD																								
F3-1	NSD																								
E3-4	NSD																								
E3-1	NSD																								
C3-4	NSD																								
C3-1	NSD																								
B3-4	NSD																								
B3-1	NSD																								
B3-6	NSD																								
B3-3	NSD																								
C3-3	NSD																								
C3-6	NSD																								
D3-3	NSD																								
D3-6	NSD																								

EMU 1 (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. SBA-1 4A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 4100 X
Camera Constant 28-9
Accelerating Voltage 100 KV
Beam Current 160 µA
K-Factor 1.18
Analyst SA Date 12/4

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F33	NSD																								
F3-6	NSD																								
H33	NSD																								
H3-6	NSD																								
G3-3	NSD																								
G3-6	NSD																								
K33	NSD																								
K4-1	NSD																								
H4-4	NSD																								
H4-1	NSD																								
G4-4	NSD																								
G4-1	NSD																								
E4-4	NSD																								
F4-1	NSD																								
E4-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON INT. EMS Lab No. 82451
Sample No. SEA-1 UA Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 2100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmed Date 12/14/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
EU-1	NSD																								
EU-4	NSD																								
CU-1	NSD																								
BU-4	NSD																								
BU-1	NSD																								
AU-4	NSD																								
BS-1	NSD																								
BS-4	NSD																								
CS-1	NSD																								
CS-4	NSD																								
ES-1	NSD																								
ES-4	NSD																								
FS-1	NSD																								
FS-4	NSD																								
DS-1	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82401
Sample No SEA 1-CIA Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B9
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 12/4/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G5	4	NSD																							
H5	1	NSD																							
H5	4	NSD																							
K5	1	NSD																							
G6	4	NSD																							
G6	1	NSD																							
H6	4	NSD																							
H6	1	NSD																							
E6	4	NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☑ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-1 (4A) Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9,400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.84

Analyst Redle Date 12-5-94

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NAD																							
C2-6		NAD																							
E2-3		NAD																							
E2-6		NAD																							
F2-3		NAD																							
F2-6		NAD																							
G2-3		NAD																							
G2-6		NAD																							
H2-3		NAD																							
C3-1		NAD																							
C3-4		NAD																							
E3-1		NAD																							
E3-4		NAD																							
F3-1		NAD																							
F3-4		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 26.9
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Redle Date 12-5-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
H3-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int'l. EMS Lab No. 82451
Sample No. SEA-1 4A Page 3 of -

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9400 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rodh Date 12-5-0

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Jnt EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Heath Date 12-5-9.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-3		NSD																							
E4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
B5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
G5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. SEA-1UA Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 940 X
Camera Constant Air
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Ruth Date 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
1+51		NSD																							
1+54		NSD																							
K5-1		NSD																							
E5-3		NSD																							
E5-6		NSD																							
K5-3		NSD																							
K5-6		NSD																							
1-6 1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. SEA-1 (UA)

EMS Lab No. 82151
Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant Beam
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rendle Date 12-5-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9,400 X
Camera Constant 28.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Nadho Date 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-6		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int.
Sample No.: SEA-1 (4A)

EMS Lab No.: 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address: D
Screen Magnification: 900 X
Camera Constant: 80cm
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.4
Analyst: Rajh Date: 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-6		NSD																							
E3-2		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							

OBSERVATIONS:

Clean: ☐					
Debris: ☐	Very Light ☐	Light ☐	Moderate ☒	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☑	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☐	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM-1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐ X
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 940 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 2.4
Analyst Rich Date 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-4		NSD																							
H4-4		NSD																							
H4-4		NSD																							
H4-1		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
H4-3		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address D
Screen Magnification 940 X
Camera Constant 26.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radh Date 12/

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
EJ-3		NAD																							
EJ-6		NAD																							
FJ-3		NAD																							
FJ-6		NAD																							
HJ-3		NAD																							
HJ-6		NAD																							
E6-4		NAD																							
F6-4		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]						
Debris: [ ]	Very Light [ ]	Light [ ]	Moderate [X]	Heavy [ ]	Very Heavy [ ]	
Gypsum: [ ]	Very Light [ ]	Light [ ]	Moderate [ ]	Heavy [ ]	Very Heavy [ ]	
Condition of the Grid: [ ]	Good [ ]	Scrappy [ ]	Undissolved Filter [ ]	Folded [ ]		

TEM ASBESTOS ANALYSIS

Client Enviva Int.
Sample No. SEA-1 -(UA)

EMS Lab No. 82451
Page _____ of _____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Roller Date 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-1 (4A) Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address E
Screen Magnification 940 X
Camera Constant Sea. K
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rech Date 12-5

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-1		NAD																							
F3-4		NAD																							
h3-1		NAD																							
h3-4		NAD																							
H3-1		NAD																							
H3-4		NAD																							
C3-3		NAD																							
C3-6		NAD																							
E3-3		NAD																							
E3-6		NAD																							
F3-3		NAD																							
F3-6		NAD																							
h3-3		NAD																							
h3-6		NAD																							
H3-3		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-1 (HA) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address IE
Screen Magnification 4400 X
Camera Constant 2e-7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Ruth Date 12-5-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-6		NSD																							
K3-3		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-4		NSD																							
E4-4		NSD																							
P4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							

TEM - 1B (8-94)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int'l
Sample No. SEA-1 (4A)

EMS Lab No. 8 2451
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9400 X
Camera Constant 2.91
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Radke Date 12-5-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-3		NSD																							
E4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. SEA-1 (4A)

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

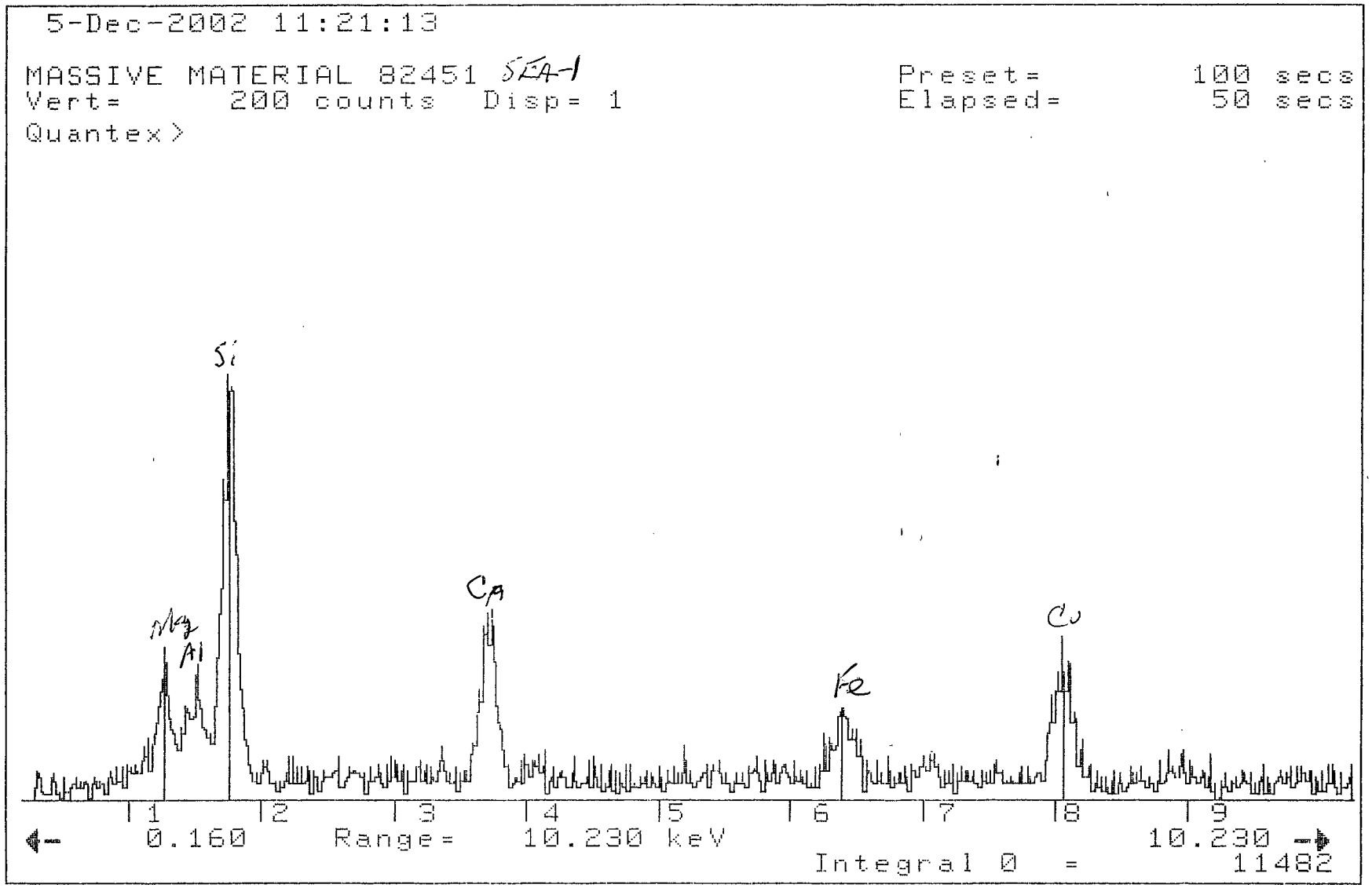
Grid Address E
Screen Magnification 940 X
Camera Constant 29.8
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radhe Date 12-5-92

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KU-3		ND																							
FS-1		ND																							
FS-4		ND																							
HS-1		ND																							
HS-4		ND																							
F6-1		ND																							
F6-4		ND																							
U76-1		ND																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐


5-Dec-2002 11:21:13
MASSIVE MATERIAL 82451 SEA-1
Vert= 200 counts Disp= 1
Preset= 100 secs
Elapsed= 50 secs
Quantex>
Si
Mg
Al
Ca
Fe
Cu
1
2
3
4
5
6
7
8
9
0.160
Range= 10.230 keV
10.230
Integral 0 = 11482

TEM ASBESTOS ANALYSIS

Client Enviro Tnl.
Sample No. SEA-2 (3A)

EMS Lab No. 82451
Page 1 of

RECEIVING

TYPE OF SAMPLE
Air [X] Water [ ]
Soil [ ] Bulk [ ]
Other

METHOD OF ANALYSIS
EPA 600-4-83-043 [ ] ISO [X]

LEVEL OF ANALYSIS
Chrysotile CD – CDQ
Amphibole ADX – HDC

ASPECT RATIO
3:1 [X] 5:1 [ ]

LENGTHS
All Sizes (EPA) [ ]
(μm) ≥0.5 [ ]
≥1.0 [ ]
≥5.0 [X]
≥10.0 [ ]
PCM Range* [ ]
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE [ ] 385 [X]
PC [X] 314 [ ]
MCN [ ] 1017 [ ]
Other

PORE SIZE
0.45 μm [ ] 0.8 μm [ ]
0.1 μm [ ] 0.22 μm [X]
Other

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 322
Filter Lot No.

Approved By RL Date 12-5-02

PREP

DIRECT PREP [ ]
INDIRECT PREP [ ]

Volume liters
Working Volume ml
Weight 0.131 grams
Ashed Area %

Prepared By PS
Date 12-5-02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-36-01 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant 29.8
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4

Analyst Radler Date 12-6-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							

TEM - 1A (12-00)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA-2 3D Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9400 X
Camera Constant Beta
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Roth Date 12-6-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G4-4		NSD																							
H3-1		NSD																							
H4-4		NSD																							
G3-3		NSD																							
G3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
H4-3		NSD																							
H4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No ~~EA-2~~ 3A

EMS Lab No. 8245/
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9400 X
Camera Constant Ba-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rad Date 12-6-

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
C4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SED-2 (3A) Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant 8.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Perth Date 12-6-

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H4-3		NSD																							
H4-6		NSD																							
CS-1		NSD																							
CS-4		NSD																							
ES-1		NSD																							
ES-4		NSD																							
FS-1		NSD																							
FS-4		NSD																							
WS-1		NSD																							
WS-4		NSD																							
NS-1		NSD																							
HS-4		NSD																							
ES-3		NSD																							
ES-6		NSD																							
FS-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. SEA-2 3A Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 940 X
Camera Constant 2a' 1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Padilla Date 12/6/[illegible]

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-4		NSD																							
E6-1		NSD																							
E6-4		NSD																							
E6-1		NSD																							
E6-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviva Int-
Sample No. SEA-2 (3A)

EMS Lab No. 82451
Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9 UD X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rath Date 12-9-4

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
H2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Ent
Sample No. SEA-2 (3A)

EMS Lab No. 82452.
Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address B
Screen Magnification 940 X
Camera Constant 29
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Re the Date 12-9-

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G3-1		NAD																							
G3-4		NAD																							
H3-1		NAD																							
H3-4		NAD																							
B3-6		NAD																							
C3-3		NAD																							
C3-6		NAD																							
E3-3		NAD																							
E3-6		NAD																							
F3-3		NAD																							
F3-6		NAD																							
G3-3		NAD																							
G3-6		NAD																							
H3-3		NAD																							
H3-6		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int'l EMS Lab No. 82451
Sample No. SEA-2 (3A) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address B
Screen Magnification 9450 X
Camera Constant 29.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Rajh Date 12-9-

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KB-3		NSD																							
B4-4		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
I4-1		NSD																							
I4-4		NSD																							
K4-1		NSD																							
A4-3		NSD																							
C4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviro Inf. EMS Lab No. 82462
Sample No. SEA-2 SA Page 19 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant Zero
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Roth Date 12-9-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-3		NSD																							
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
I-H4-3		NSD																							
H4-6		NSD																							
C5-3		NSD																							
C5-6		NSD																							
E5-3		NSD																							
E5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
H5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐					
Debris: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☑	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☐	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM ASBESTOS ANALYSIS

Client Enviro Intl.
Sample No. EA-2 (37)

EMS Lab No. 82451
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RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☑
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 949 X
Camera Constant 29.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst [illegible] Date 12-4-4

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
F5-4		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. SEA-2 (3A)

EMS Lab No. 82451
Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒ XN
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9,400 X
Camera Constant 28.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Rathe Date 12-9-a

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82485
Sample No. SEA-2 BA Page ____ of ____

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant Zero
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 14
Analyst [illegible] Date 12-9-91

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G4-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
H3		NSD																							
B3-4		NSD																							
C3-3		NSD																							
F3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-8		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro. Int'l EMS Lab No. 8241
Sample No. SEA 2 (SA) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 940 X
Camera Constant 24.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Rich Date 12-9-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
A4-1		NSD																							
B4-4		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
C4-13		NSD																							
G4-6		NSD																							
H4-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Ent
Sample No. EA 2 BD

EMS Lab No. 824J1
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9740 X
Camera Constant 89.7
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.4
Analyst [signature] Date 12-4-99

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G4-D		NSD																							
ES-1		NSD																							
ES-4		NSD																							
FS-1		NSD																							
ES-4		NSD																							
GS-1		NSD																							
GS-4		NSD																							
HS-1		NSD																							
HS-4		NSD																							
GS-3		NSD																							
CS-3		NSD																							
CS-6		NSD																							
ES-3		NSD																							
ES-6		NSD																							
ES-3		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☑ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Inf. EMS Lab No. 8245
Sample No. SEA-2 SA Page 5 of 1

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 20.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Radha Date 12-9-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E6-1		ND																							
E6-4		ND																							
I-6-1		ND																							
E6-6		ND																							
h6-1		ND																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviran Int.
Sample No. SEA-2 (3A)

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28-24
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 18
Analyst S. Ahmad Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G2-4	NSD																								
F2-1	NSD																								
F2-3	NSD																								
G2-6	NSD																								
G2-3	NSD																								
F2-3	NSD																								
F2-6	NSD																								
G2-3	NSD																								
G2-6	NSD																								
F3-3	NSD																								
F3-6	NSD																								
G3-3	NSD																								
G3-6	NSD																								
F3-3	NSD																								
F3-6	NSD																								

TEM-18 (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON. Int'l EMS Lab No. 82451
Sample No. SGA-2-3A Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-3	NSD																								
F3-6	NSD																								
G3-3	NSD																								
G3-6	NSD																								
I3-3	NSD																								
I3-6	NSD																								
K3-3	NSD																								
AU-1	NSD																								
AU-4	NSD																								
HU-1	NSD																								
CIN-4	NSD																								
JU-1	NSD																								
EU-4	NSD																								
BU-1	NSD																								
FU-4	NSD																								

TEM-1B (8-94)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int, EMS Lab No. 82451
Sample No. SEA-2 (3A) Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.9
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SAhmed Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
FU-1	NSD																								
CU-4	NSD																								
CU-1	NSD																								
BU-4	NSD																								
BU-1	NSD																								
AU-4	NSD																								
AU-1	NSD																								
BU-3	NSD																								
BU-1	NSD																								
CU-3	NSD																								
CU-1	NSD																								
FU-3	NSD																								
FU-1	NSD																								
FU-3	NSD																								
FU-1	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ-Int. EMS Lab No. 82451.
Sample No SEA-2 (3A) Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address D00
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 18
Analyst S Ahmed Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CU-3	NSD																								
CU-6	NSD																								
HU-3	NSD																								
HU-6	NSD																								
MU-3	NSD																								
KS-1	NSD																								
HS-4	NSD																								
HS-1	NSD																								
CS-4	NSD																								
CS-1	NSD																								
FS-4	NSD																								
FS-1	NSD																								
ES-4	NSD																								
ES-1	NSD																								
CS-4	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐					
Debris: ☒	Very Light ☐	Light ☐	Moderate ☒	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☒	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM ASBESTOS ANALYSIS

Client Environ. Int EMS Lab No. 82451
Sample No. SEA-2-(3A) Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28-24
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
GS-1	NSD																								
BS-4	NSD																								
BS-1	NSD																								
ASH	NSD																								
BS-6	NSD																								
GS-3	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☒ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Tnt.
Sample No. SEA-2 (34)

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B2-4	NSD																								
C2-1	NSD																								
C2-4	NSD																								
C2-6	NSD																								
C2-3	NSD																								
C2-6	NSD																								
C2-3	NSD																								
F2-6	NSD																								
F2-3	NSD																								
E2-6	NSD																								
E2-3	NSD																								
B2-6	NSD																								
B2-3	NSD																								
B3-4	NSD																								
B3-1	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ-Int EMS Lab No. 82451.
Sample No SEA-2 (3A) Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.34
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B3-4	NSD																								
C3-4	NSD																								
E3-1	NSD																								
E3-4	NSD																								
F3-1	NSD																								
F3-4	NSD																								
H3-1	NSD																								
C3-1	NSD																								
C3-4	NSD																								
H4-1	NSD																								
C4-4	NSD																								
C4-1	NSD																								
F4-4	NSD																								
F4-1	NSD																								
E4-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: ENVIRON Int'l
Sample No: SEA-2 (SA)

EMS Lab No. 82451
Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: E
Screen Magnification: 9400 X
Camera Constant: 28.4
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.18
Analyst: S Ahmed Date: 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CU-4	NSD																								
EU-1	NSD																								
CU-1	NSD																								
BU-4	NSD																								
BU-1	NSD																								
AU-4	NSD																								
AU-1	NSD																								
AU3	NSD																								
AU6	NSD																								
BU-3	NSD																								
BU-6	NSD																								
CU-3	NSD																								
CU-6	NSD																								
EU-3	NSD																								
EU6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON Int EMS Lab No. 82451
Sample No. SGA-2 (3A) Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 2100 X
Camera Constant 28.14
Accelerating Voltage 100 KV
Beam Current 1.8 x 10 μA
K-Factor 1.8
Analyst S Ahmed Date 12/9/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
FU-3	NSD																								
FU-6	NSD																								
CU-3	NSD																								
CU-6	NSD																								
HU-3	NSD																								
AS-1	NSD																								
AS-4	NSD																								
BS-1	NSD																								
BS-4	NSD																								
CS-1	NSD																								
CS-4	NSD																								
ES-1	NSD																								
ES-4	NSD																								
FS-1	NSD																								
FS-4	NSD																								
ES-1	NSD																								
FS-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON Int. EMS Lab No. 82605-1
Sample No. SGA-2 (BA) Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S.A. Date 12/9/01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G5-1	NSD																								
G5-4	NSD																								
H5-1	NSD																								
H5-1	NSD																								
H6-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Env. Stat.
Sample No. SEA 3 (3A)

EMS Lab No. 82451
Page 1 of 3

RECEIVING

TYPE OF SAMPLE
Air ☒ Water ☐
Soil ☐ Bulk ☐
Other ____

METHOD OF ANALYSIS
EPA 600/4-83-043 ☐ ISO ☒

LEVEL OF ANALYSIS
Chrysotile CD CDQ
Amphibole ADQ

ASPECT RATIO
3:1 ☐ 5:1 ☐

LENGTHS
All Sizes (EPA) ☐
(μm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☒
≥10.0 ☐
PCM Range* ☐
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☒
PC ☒ 314 ☐
MCN ☐ 1017 ☐
Other ____

PORE SIZE
0.45 μm ☐ 0.8 μm ☐
0.1 μm ☐ 0.22 μm ☒
Other ____

G.O. Area (mm²) 0.0094
No. of G.O. to Analyze 365
Filter Lot No. ____

Approved By ____ Date ____

PREP

DIRECT PREP ☒
INDIRECT PREP ☐

Volume ____ liters
Working Volume ____ ml
Weight 1134 grams
Ashed Area ____ %

Prepared By RS.
Date 12/10/02

ANALYSIS

MICROSCOPE
Serial No. 542-05-06 H600A ☐
Serial No. 542-05-13 H600B ☒

Grid Address A
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 μm
K-Factor 1.18

Analyst S. Ahmed Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B2-6	NSD																								
E2-3	NSD																								
C2-6	NSD																								
E2-3	NSD																								
E2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
G2-3	NSD																								
G2-6	NSD																								
H2-3	NSD																								
H3-4	NSD																								
H3-1	NSD																								
G3-4	NSD																								
G3-1	NSD																								
F3-1	NSD																								

OBSERVATIONS:

Clean ☐ Other ____
Debris ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

EMS LABORATORIES 117 West Bellevue Drive ☐ Pasadena, California 91105-2503 ☐ (818) 568-4065

TEM ASBESTOS ANALYSIS

Client Environ-Int - EMS Lab No. 82451
Sample No. SEA3-(3A) Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9100 X
Camera Constant 28.64
Accelerating Voltage ~~100~~ KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 12/10/0

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-4	NSD																								
E3-1	NSD																								
F3-4	NSD																								
G3-4	NSD																								
C3-1	NSD																								
B3-4	NSD																								
B3-1	NSD																								
B3-3	NSD																								
B3-6	NSD																								
C3-3	NSD																								
C3-6	NSD																								
E3-3	NSD																								
E3-6	NSD																								
F3-3	NSD																								
G3-6	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON. INT EMS Lab No. 82451
Sample No. SEA3-3A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9100 X
Camera Constant 28-9
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 2.8
Analyst S Ahmed Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H3-3		NSD																							
H3-4		NSD																							
K3-3		NSD																							
H4-4		NSD																							
H4-1		NSD																							
C4-4		NSD																							
C4-1		NSD																							
F4-4		NSD																							
E4-4		NSD																							
E4-1		NSD																							
C4-4		NSD																							
C4-1		NSD																							
B4-4		NSD																							
B4-1		NSD																							
A4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON Int. EMS Lab No. 82451
Sample No. SEA3-3A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address A-1
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmed Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
A4-6	NSD																								
B4-3	NSD																								
B4-6	NSD																								
C4-3	NSD																								
C4-6	NSD																								
E4-3	NSD																								
E4-6	NSD																								
F4-3	NSD																								
F4-6	NSD																								
G4-3	NSD																								
G4-6	NSD																								
H4-3	NSD																								
H4-6	NSD																								
K4-3	NSD																								
K5-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ In / EMS Lab No. 824951
Sample No. SEA3-3A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address A
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/10/0

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
GS-4	NSD																								
GS-1	NSD																								
ES-4	NSD																								
ES-1	NSD																								
ES-4	NSD																								
ES-1	NSD																								
CS-4	NSD																								
CS-1	NSD																								
BS-4	NSD																								
BS-1	NSD																								
AS-4	NSD																								
BS-6	NSD																								
CS-3	NSD																								
CS-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int
Sample No. SEM 3 BM

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9,900 X
Camera Constant 29.1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Radha Date 12-10-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E2-3		NSD																							
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
K2-3		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
H3-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. Sample No. SEA-3 BA

EMS Lab No. 82451 Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE

H600A – Serial No. 542-36-01 ☐

H600B – Serial No. 542-05-06 ☐

H600C – Serial No. 542-24-03 ☐

Grid Address B

Screen Magnification 9400 X

Camera Constant 2a.1

Accelerating Voltage 100 KV

Beam Current 10 µA

K-Factor 1.4

Analyst Radha Date 12-10-92

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NAD																							
C3-6		NAD																							
E3-3		NAD																							
E3-6		NAD																							
G3-3		NAD																							
G3-6		NAD																							
H3-3		NAD																							
K3-3		NAD																							
C4-1		NAD																							
E4-1		NAD																							
E4-4		NAD																							
G4-1		NAD																							
G4-4		NAD																							
H4-1		NAD																							
H4-4		NAD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐

Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐

Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int'l EMS Lab No. 82451
Sample No. SEA-3 (3A) Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant 2.9.V
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Nadle Date 12-10-4

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
E4-6		NSD																							
R4-3		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
K4-6		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
G5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Inf (6) EMS Lab No. 82451
Sample No. SEA-3 (BA) Page 4 of ___

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address B
Screen Magnification 9400 X
Camera Constant Zero 4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Roth Date 12-10

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CJ-4		NSD																							
HJ-1		NSD																							
CJ-3		NSD																							
CJ-6		NSD																							
EJ-3		NSD																							
EJ-6		NSD																							
FJ-3		NSD																							
FJ-6		NSD																							
WJ-3		F	8	120	✓																				Al, Si, Ti
WJ-6		F	1	55	✓																				Si
GJ5-6		NSD																							
HJ-3		NSD																							
HJ-6		NSD																							
C6-4		NSD																							
E6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [X] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviro Mat
Sample No. SEA-3 (3A)

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9400 X
Camera Constant Eq. 4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4

Analyst Redd Date 12-10-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E6-1		NSD																							
E6-4		NSD																							
I6-1		NSD																							
R6-4		NSD																							
H6-1		NSD																							
H6-4		NSD																							
H+S1		NSD																							
E6-3		NSD																							
B6-4		NSD																							
C6-1		NSD																							
C6-4		NSD																							
B5-6		NSD																							
B4-1		NSD																							
B4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int.
Sample No.: SEH3 3A

EMS Lab No.: 82451
Page 1 of [illegible]

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address: C
Screen Magnification: 9400 X
Camera Constant: [illegible]
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.4
Analyst: Rolle Date: 12-10-0[illegible]

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		ND																							
C2-6		ND																							
E2-3		ND																							
E2-6		ND																							
F2-3		ND																							
F2-6		ND																							
G2-3		ND																							
G2-6		ND																							
H2-3		MD11	55	110		✓																			
C		MF	1	110																	9	10			NO diffraction.
C3-1		ND																							# 7164
C3-4		ND																							
E3-1		ND																							
E3-4		ND																							
F3-1		ND																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. SEA-3 3n

EMS Lab No. 82451
Page 2 of .

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant Zero
Accelerating Voltage 100 KV
Beam Current 10 μA
K-Factor 1.9
Analyst Keith Date 8-10-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
B3-6		NSD																							
C3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-3		NSD																							
K4-1		NSD																							

OBSERVATIONS:

Clean: ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client: Enviro Int
Sample No.: SEA-3BA

EMS Lab No.: 82451
Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☑
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address: C
Screen Magnification: 9.4W X
Camera Constant: 2a.4
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.4
Analyst: Radh
Date: 12-10-02

Grid Opening	Structure Number	Structure	Dimensions (mm)		Fiber Classification															EDS Analysis					Comments
			Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	
B4-1		NSD																							
B4-4		NSD																							
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-3		NSD																							
C4-6		NSD																							
E4-3		NSD																							
E4-6		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client EnviroInt
Sample No. SEA-3 (3p)

EMS Lab No. 82851
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☒
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 26.1
Accelerating Voltage 100 KV
Beam Current 50 µA
K-Factor 1.9

Analyst [illegible] Date 10-16-09

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
G4-3		F	1	45	✓																				Si, Low Mg
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
B5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		NSD																							
F5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
K5-1		NSD																							
G5-3		NSD																							

Dimensions (mm); Fiber Classification; EDS Analysis

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. SEA-3 (3A)

EMS Lab No. 82451
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

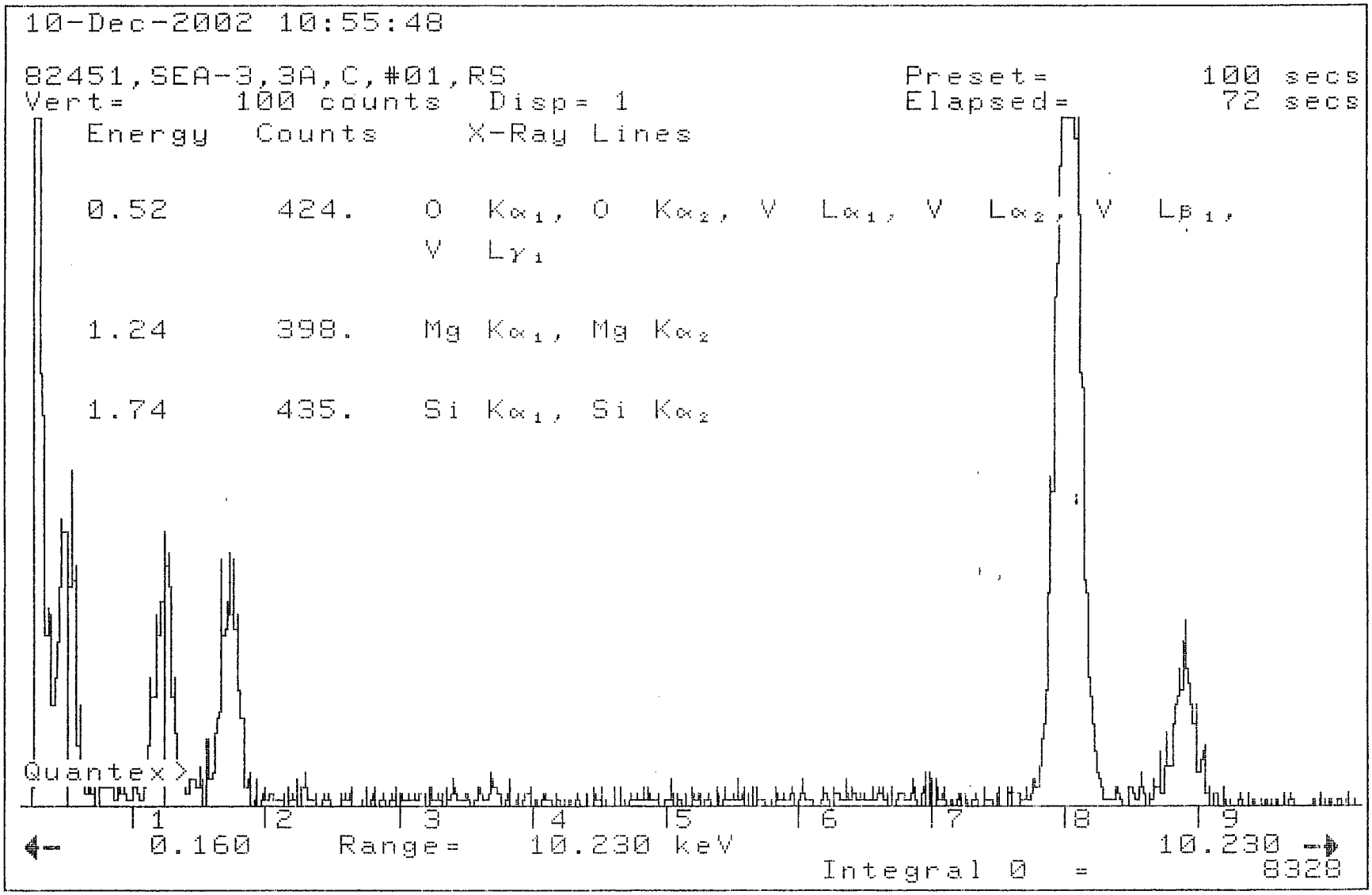
Grid Address C
Screen Magnification 9400 X
Camera Constant 2e-7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Nadhi Date 12-10-9.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G-6		NSD																							
E5-3		NSD																							
G5-3		NSD																							
H5-6		NSD																							
H5-3		NSD																							
H5-6		NSD																							
C6-4		NSD																							
E6-4		NSD																							
E6-4		NSD																							
F-6-4		NSD																							
F6-4		NSD																							
H6-4		NSD																							
H6-4		NSD																							
H5-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐


10-Dec-2002 10:55:48
82451,SEA-3,3A,C,#01,RS
Preset= 100 secs
Vert= 100 counts Disp= 1
Elapsed= 72 secs
Energy Counts X-Ray Lines
0.52 424. O Kα1, O Kα2, V Lα1, V Lα2, V Lβ1, V Lγ1
1.24 398. Mg Kα1, Mg Kα2
1.74 435. Si Kα1, Si Kα2
Quantex
1 2 3 4 5 6 7 8 9
0.160 Range= 10.230 keV 10.230
Integral 0 = 8328

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82457
Sample No. SFA 3 BH Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S Ahmad Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3	NSD																								
C2-6	NSD																								
E2-3	NSD																								
E2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
A2-3	NSD																								
A2-6	NSD																								
H2-3	NSD																								
H2-6	NSD																								
B3-4	NSD																								
B3-1	NSD																								
C3-4	NSD																								
C3-1	NSD																								
F3-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int.
Sample No. SGA 3 (3A)

EMS Lab No. 82451
Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address (3)
Screen Magnification [illegible] X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 120 µA
K-Factor 1.18
Analyst SA Date 12/10

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
F3-H	1	MO11	90	110																					
		MF	1	72							✓										6	10			EDS#1, SAED 2607
E3-4	NSD																								micro 2609.
E3-1	NSD																								
C3-4	NSD																								
C3-1	NSD																								
B3-4	NSD																								
B3-1	NSD																								
B3-3	NSD																								
B3-6	NSD																								
C3-3	2	MO10	58	90												✓					3	10	2	1	micrograph 2608
		MF	2	30																					little (A) present
C3-6	NSD																								Tremolite
E3-3	NSD																								
E3-6	NSD																								

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client ENVIRON. Int. EMS Lab No. 82451.
Sample No. SEA3 (3A) Page 3 of 5.

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 8150 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 1.8 µA
K-Factor 1.18
Analyst SA Date 12/10

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F3-3	NSD																								
F3-6	NSD																								
H3-3	NSD																								
H3-6	NSD																								
C3-3	NSD																								
C3-6	NSD																								
A3-3	NSD																								
A3-6	NSD																								
C4-4	NSD																								
C4-1	NSD																								
F4-4	NSD																								
F4-1	NSD																								
H4-1	NSD																								
H4-4	NSD																								
A4-4	NSD																								

TEM - 1R (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON. Int EMS Lab No. 82451
Sample No. ~~SEA3~~ 3A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S.A Date 10/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
AU-1		NSD																							
CU-4		NSD																							
CU-1		NSD																							
BU-4		NSD																							
BU-1		NSD																							
AU-4		NSD																							
BU-3		NSD																							
BU-6		NSD																							
CU-3		NSD																							
CU-6		NSD																							
EU-3		NSD																							
EU-6		NSD																							
FU-3		NSD																							
FU-6		NSD																							
GU-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON Int. EMS Lab No. 8240J1
Sample No. SEA3 (3A) Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 228-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/10/2

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
GU-6	NSD																								
HU-3	NSD																								
HU-6	NSD																								
IU-3	NSD																								
IS-1	NSD																								
HS-4	NSD																								
HS-1	NSD																								
GS-4	NSD																								
GS-1	NSD																								
FS-4	NSD																								
FS-1	NSD																								
ES-4	NSD																								
ES-1	NSD																								
DS-4	NSD																								
DS-1	NSD																								

TEM 1B (8-94)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

10-Dec-2002 13:59:20 +5V2 Pwr

82451,SEA-3,3A,D,#01,SA Preset= 100 secs
Vert= 500 counts Disp= 1 Elapsed= 29 secs

Energy	Counts	X-Ray Lines
1.26	102.	Mg K , Mg K , Mg K
1.76	356.	Si K , Si K

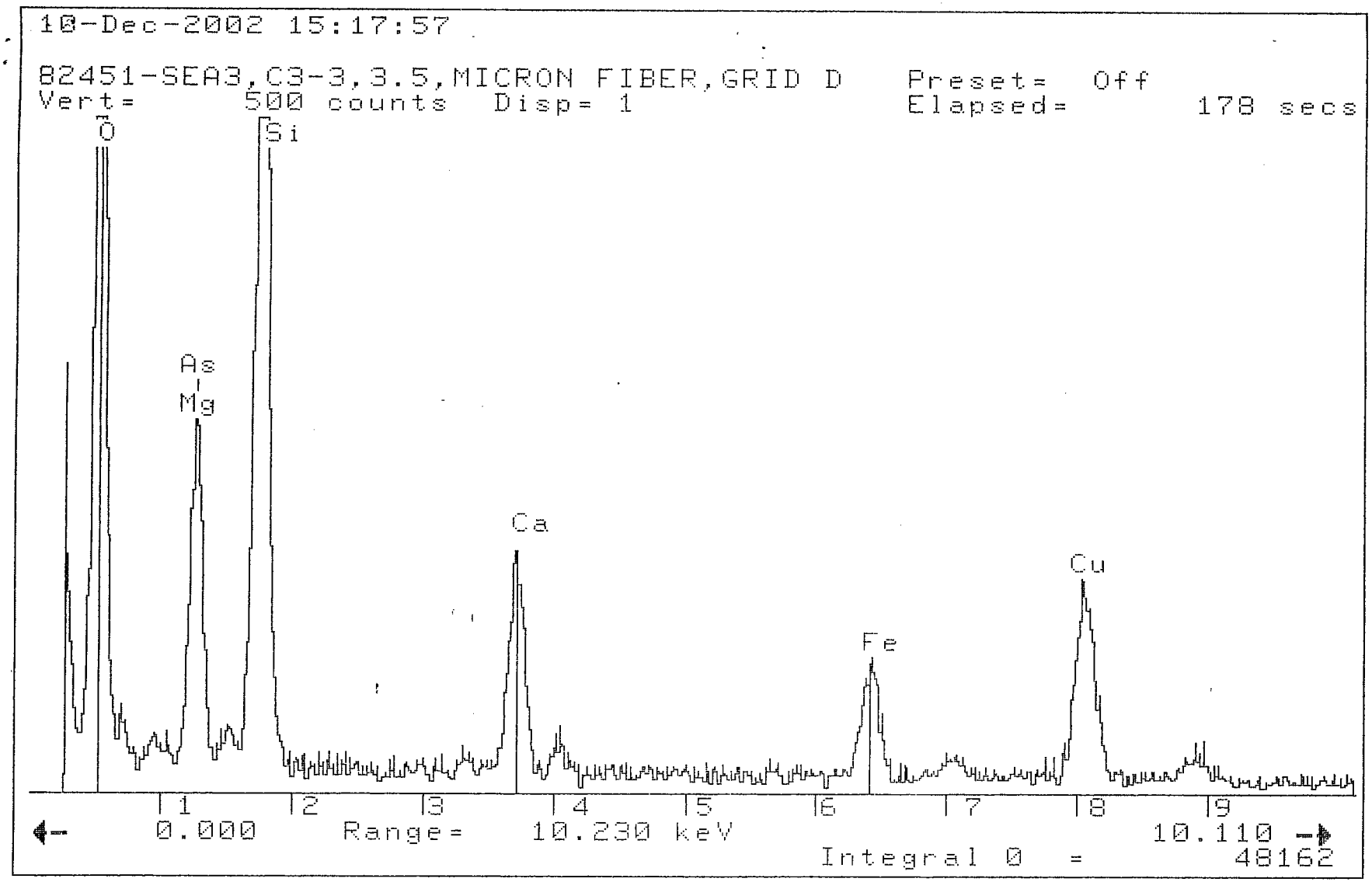
Quantex>
0.160 Range= 10.230 keV 10.230
Integral 0 = 6012

10-Dec-2002 15:37:43 -WARNING-

02451-SEA3,C3-3,3.5,MICRON FIBER,GRID D Preset= Off
Vert= 1000 counts Disp= 1 Comp= 3 Elapsed= 178 secs

ELEMENT & LINE	WEIGHT PERCENT	OXIDE PERCENT	PRECISION 2 SIGMA	INTENSITIES	NO. OF CATIONS
Mg K	12.53	20.77	0.43	10.07	4.269
Al K	1.17	2.21	0.10	1.97	0.360
Si K	25.96	55.53	0.67	52.42	7.657
Ca K	8.06	12.39	0.20	13.76	1.830
Fe K	7.06	9.09	0.20	7.92	1.048
O *	44.42				
TOTAL		100.00			15.163

NUMBER OF CATIONS CALCULATED ON BASIS OF 23 OXYGEN ATOMS
* - Determined by stoichiometry
Quantex>
0.000 Range= 10.230 keV 10.110
Integral 0 = 19016


10-Dec-2002 15:17:57
82451-SEA3,C3-3,3.5,MICRON FIBER,GRID D
Preset= Off
Vert= 500 counts Disp= 1
Elapsed= 178 secs
O
Si
As
Mg
Ca
Fe
Cu
1
2
3
4
5
6
7
8
9
0.000
Range= 10.230 keV
10.110
Integral 0 = 48162

TEM ASBESTOS ANALYSIS

Client Environ Int'l
Sample No. SFA-3 (3A)

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9700 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst S Ahmad Date 12/16/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C6-1	NSD																								
C6-4	NSD																								
E6-1	NSD																								
E6-4	NSD																								
F6-1	NSD																								
F6-4	NSD																								
G6-1	NSD																								
G6-4	NSD																								
H6-1	NSD																								
H6-4	NSD																								
H5-6	NSD																								
H5-3	NSD																								
F5-6	NSD																								
F5-3	NSD																								
E5-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82451
Sample No. SEA 3 (3A) Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 14,000 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SA Date 10/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5-3	1	NSD																							
E5-3	2	NSD																							
C5-6	3	NSD																							
C5-3	4	NSD																							
B5-6	5	NSD																							
B5-1	6	NSD																							
B5-4	7	NSD																							
C5-1	8	NSD																							
C5-4	9	NSD																							
E5-1	10	NSD																							
E5-4	11	NSD																							
F5-1	12	NSD																							
F5-4	13	NSD																							
G5-1	14	NSD																							
G5-4	15	NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ Int EMS Lab No. 82451
Sample No. SEA3 (3A) Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 1.8 to 10 µA
K-Factor 1.18
Analyst SA – Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
KU-6	NSD																								
KU-3	NSD																								
HU-3	NSD																								
CU-6	NSD																								
CU-3	NSD																								
FU-6	NSD																								
FU-3	NSD																								
EU-6	NSD																								
EU-3	NSD																								
CU-6	NSD																								
CU-3	NSD																								
BU-6	NSD																								
BU-3	NSD																								
BU-1	NSD																								
BU-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client ENVIRON-INT EMS Lab No. 82451
Sample No. SEA3 (3A) Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8.10
Analyst S Ahmad Date 2/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
CU-1	NSD																								
CU-4	NSD																								
EU-1	NSD																								
EU-4	NSD																								
GU-1	NSD																								
GU-4	NSD																								
JU-1	NSD																								
JU-4	NSD																								
MU-1	NSD																								
KU-4	NSD																								
K3-3	NSD																								
I3-6	NSD																								
I3-3	NSD																								
G3-6	NSD																								
G3-3	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐					
Debris: ☑	Very Light ☐	Light ☐	Moderate ☑	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☑	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM ASBESTOS ANALYSIS

Client Environ. Info. EMS Lab No. 82451
Sample No. SEA-3 BA Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.14
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/10

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E3-6	NSD																								
E3-3	NSD																								
C3-6	NSD																								
C3-3	NSD																								
C3-6	NSD																								
C3-3	NSD																								
B3-6	NSD																								
B3-3	NSD																								
B4-4	NSD																								
C3-1	NSD																								
F3-4	NSD																								
A3-1	NSD																								
A3-4	NSD																								
A3-1	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Enviran Int
Sample No.: blank-1A
EMS Lab No.: 82451
Page 1 of ___

RECEIVING

TYPE OF SAMPLE
Air ☒ Water ☐
Soil ☐ Bulk ☐
Other ______

METHOD OF ANALYSIS
EPA 600/4-83-043 ☐ ISO ☒

LEVEL OF ANALYSIS
Chrysotile: SD-CDQ
Amphibole: ADX-AD

ASPECT RATIO
3:1 ☐ 5:1 ☐

Approved By: Ry Date: 12-13-02

LENGTHS
All Sizes (EPA) ☐
(μm) ≥0.5 ☐
≥1.0 ☐
≥5.0 ☒
≥10.0 ☐
PCM Range* ☐
*(≥0.25 μm width ≥5.0 μm length)

FILTER TYPE / AREA (mm±)
MCE ☐ 385 ☒
PC ☒ 314 ☐
MCN ☐ 1017 ☐
Other ______

PORE SIZE
0.45 μm ☐ 0.8 μm ☐
0.1 μm ☐ 0.22 μm ☒
Other ______

G.O. Area (mm²) 0.0 094
No. of G.O. to Analyze 350
Filter Lot No. ______

PREP

DIRECT PREP ☐
INDIRECT PREP ☐

Volume ______ liters
Working Volume ______ ml
Weight 0.044 grams
Ashed Area ______ %

Prepared By: Ry
Date: 12-11-02

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-24-03 ☐
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-36-01 ☐

Grid Address: n
Screen Magnification: 9400 X
Camera Constant: 29.v
Accelerating Voltage: 100 KV
Beam Current: 10 μA
K-Factor: 1.4
Analyst: Rajh. Date: 12-21-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
E2-3		F	1	55	✓																				EDS Si
E2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
C3-1		NSD																							
C3-1		NSD																							
C3-4		NSD																							
E3-1		NSD																							
E3-4		F	3	35	✓																				Al/Si
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1A (12-00)

TEM ASBESTOS ANALYSIS

Client Enviro Int EMS Lab No. 82
Sample No. blank-1A Page 2 of .

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [N]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address N
Screen Magnification 9,400 X
Camera Constant 2.61
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Mark Date 12-11-01

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G2-4		F	3	300	✓																				Si
H3-1		F	2	50	✓																				Si
H3-4		NSD																							
B3-6		NSD																							
C3-3		NSD																							
C3-6		F	1.5	6	✓																				Si
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
G3-3		NSD																							
G3-6		NSD																							
H3-3		NSD																							
H3-6		NSD																							
K3-1		F	1.5	50	✓																				Si

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client: Environ Int.
Sample No.: blank-10
EMS Lab No.: 82451
Page 3 of .

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address: A
Screen Magnification: 9,400 X
Camera Constant: 29.1
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.4
Analyst: Redh Date: 12-11-9

Grid Opening	Structure Number	Structure	Width	Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
C4-4		NSD																							
E4-1		NSD																							
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		F	1	65	✓																				Si
G4-4		F	1.5	70	✓																				Si
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
B4-3		F	1	120	✓																				Si
B4-6		NSD																							
C4-3		NSD																							
C3-6		NSD																							
E4-3		F	4	70	✓																				Si

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Enviro Int
Sample No. blank 3/4

EMS Lab No. 8245.1
Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address A
Screen Magnification 9400 X
Camera Constant Eq
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.0
Analyst [illegible] Date 12-11-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-6		NSD																							
F4-3		NSD																							
F4-6		NSD																							
G4-3		NSD																							
G4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		NSD																							
B5-4		NSD																							
C5-1		NSD																							
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5-1		F	1	60	✓																				SI
H5-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Enviro Int
Sample No. blank-3B

EMS Lab No. 8245-1
Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

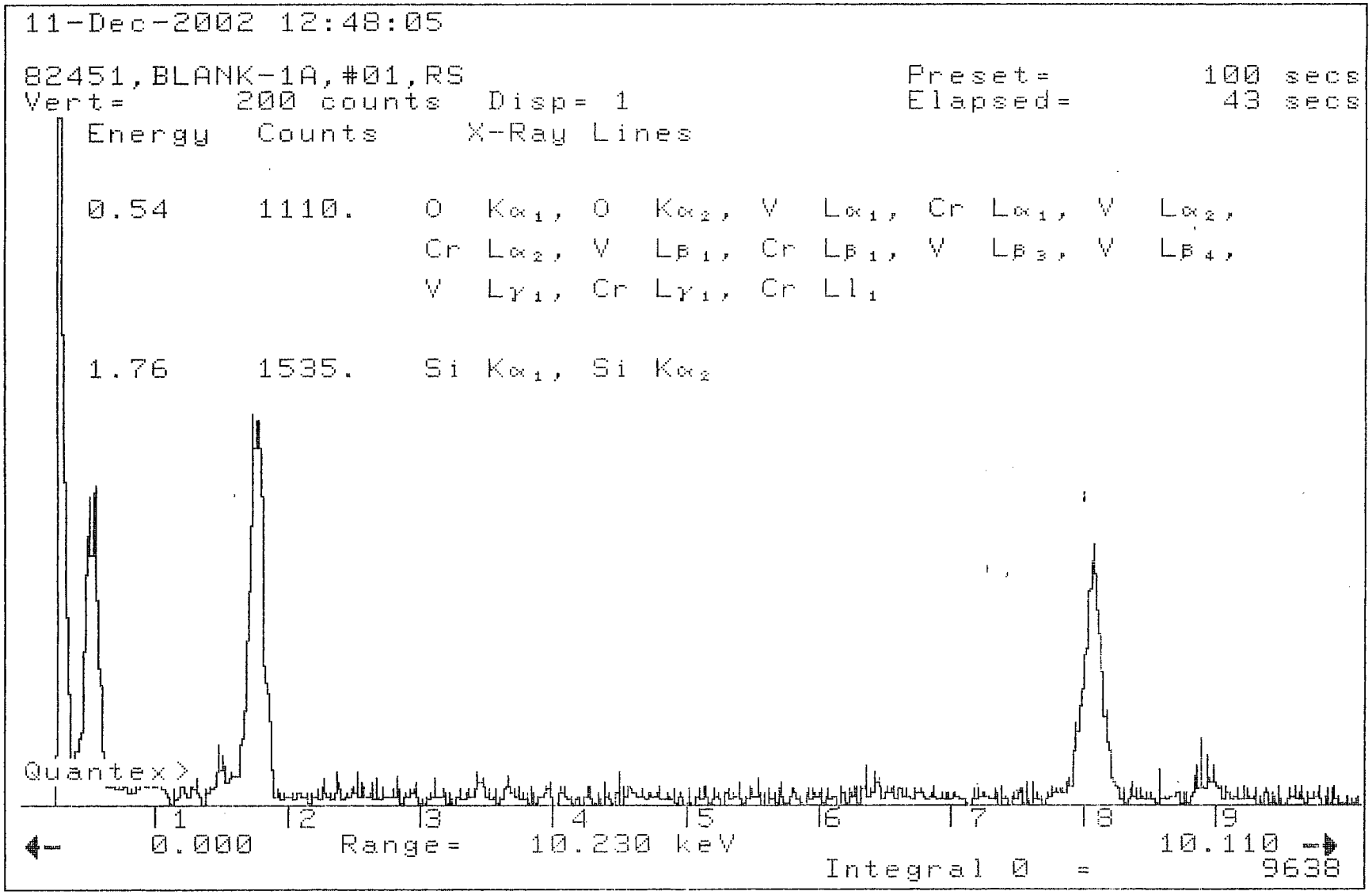
Grid Address D
Screen Magnification 940 X
Camera Constant 3.61
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst [illegible] Date 12-11-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H5-1		NSD																							
H5-4		NSD																							
H5-1		NSD																							
E6-1		NSD																							
E6-4		NSD																							
F6-1		NSD																							
F6-4		NSD																							
G6-1		NSD																							
G6-4		NSD																							
H6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐


11-Dec-2002 12:48:05
82451,BLANK-1A,#01,RS
Preset= 100 secs
Vert= 200 counts Disp= 1
Elapsed= 43 secs
Energy Counts X-Ray Lines
0.54 1110. O Kα1, O Kα2, V Lα1, Cr Lα1, V Lα2,
Cr Lα2, V Lβ1, Cr Lβ1, V Lβ3, V Lβ4,
V Lγ1, Cr Lγ1, Cr Ll1
1.76 1535. Si Kα1, Si Kα2
Quantex>
1
2
3
4
5
6
7
8
9
0.000
Range= 10.230 keV
10.110
Integral 0 = 9638

TEM ASBESTOS ANALYSIS

Client Enviran Int
Sample No. blank - 1A

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SAhmad Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3	NSD																								
C2-6	NSD																								
F2-3	NSD																								
C2-3	NSD																								
F2-6	NSD																								
C2-6	NSD																								
F23-	1 F	1	60	✓																				Si.
F2-6	NSD																								
F3-	NSD																								
F3-1	NSD																								
F3-4	NSD																								
F3-1	NSD																								
F3-4	NSD																								
F3-1	NSD																								
F3-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int - EMS Lab No. 82451
Sample No. Blank 1A Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SA Date 12/10/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
B3-6		NSD																							
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6	2	F	2.0	60	✓																				Si
G3-3		NSD																							
G3-6		NSD																							
J3-3		NSD																							
J3-6		NSD																							
M3-3		NSD																							
M3-6		NSD																							
P3-6		NSD																							
Q4-4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int. - EMS Lab No. 824051
Sample No. Blank 1A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9800 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SA Date 12/10/2

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
EB1	NSD																								
EB4	NSD																								
EU1	NSD																								
EU4	NSD																								
CB1	NSD																								
CB4	NSD																								
CU1	NSD																								
CU4	NSD																								
EU3	NSD																								
EU6	NSD																								
CU3	NSD																								
CU6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82451
Sample No Blk - 1A Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 91400 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 18
Analyst S Ahmad Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82451
Sample No. BH-1A Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address B
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SA Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
H5-4	NSD																								
K5-1	NSD																								
K5-4	NSD																								
K5-6	NSD																								
H5-6	NSD																								
H5-3	NSD																								
K5-3	NSD																								
C5-6	NSD																								
C5-3	NSD																								
F5-6	NSD																								
F5-3	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int
Sample No. blank - 1A

EMS Lab No. 82451
Page 1 of

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☑
- H600B – Serial No. 542-05-06 ☐
- H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 29.6
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Nath Date 12-11-02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3		NSD																							
C2-6		NSD																							
F2-3		NSD																							
F2-6		NSD																							
G2-3		NSD																							
G2-6		NSD																							
C3-1		NSD																							
C3-4		NSD																							
F3-1		NSD																							
F3-4		NSD																							
G3-1		NSD																							
G3-4		NSD																							
H3-1		NSD																							
H3-4		NSD																							
B3-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client EnvinInt. EMS Lab No. 8265-1
Sample No. blak-1M Page 2 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 940 X
Camera Constant 42.7
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst [signature] Date 12-11-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-3		NSD																							
C3-6		NSD																							
E3-3		NSD																							
E3-6		NSD																							
F3-3		NSD																							
F3-6		NSD																							
M3-3		E	1.5	60	✓																				5
		E	1.5	100	✓																				5
M3-6		NSD																							
T3-3		NSD																							
T3-6		NSD																							
B4-4		NSD																							
C4-1		NSD																							
C4-4		NSD																							
E4-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client EnViraJnt. EMS Lab No. 8245 1
Sample No. blak-10 Page 3 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☑
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 2a i
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 14
Analyst Rack Date 12-11-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
E4-4		NSD																							
F4-1		NSD																							
F4-4		NSD																							
G4-1		NSD																							
G4-4		NSD																							
H4-1		NSD																							
H4-4		NSD																							
K4-1		NSD																							
D4-6		NSD																							
C4-3		F	3	60	✓																				Si
C4-4		NSD																							
E4-3		NSD																							
E4-6		F	1.5	90	✓																				Si
F4-3		NSD																							
F4-6		F	1.5	160	✓																				Si

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. blank HA Page 4 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☒
H600B – Serial No. 542-05-06 ☐
H600C – Serial No. 542-24-03 ☐

Grid Address C
Screen Magnification 9400 X
Camera Constant 2e-1
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.4
Analyst Mark Date 12-11-9.

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K4-3		NSD																							
K4-6		NSD																							
H4-3		NSD																							
H4-6		NSD																							
K4-3		F	1	6+	✓																				51
C5-4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
E5-1		NSD																							
F5-4		NSD																							
H5-1		NSD																							
H5-4		NSD																							
I45-1		NSD																							
H5-4		NSD																							
C-3		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Enviro Int. EMS Lab No. 82451
Sample No. blank-1A Page 5 of

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 [X]
H600B – Serial No. 542-05-06 [ ]
H600C – Serial No. 542-24-03 [ ]

Grid Address C
Screen Magnification 9400 X
Camera Constant
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.9
Analyst Redd Date 12-11-9

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C5-6		NSD																							
EJ-3		NSD																							
EJ-6		NSD																							
FJ-3		NSD																							
FS-6		NSD																							
C5-3		NSD																							
C5-6		NSD																							
FC6-1		NSD																							
EC6-4		NSD																							
C6-1		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean [ ]
Debris: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Gypsum: [ ] Very Light [ ] Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]
Condition of the Grid: [ ] Good [ ] Scrappy [ ] Undissolved Filter [ ] Folded [ ]

TEM ASBESTOS ANALYSIS

Client Environ Int
Sample No. blank - 1A

EMS Lab No. 82451
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☒
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst SA Ahmed Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C2-3	NSD																								
C2-6	NSD																								
E2-3	NSD																								
E2-6	NSD																								
F2-3	NSD																								
F2-6	NSD																								
C2-3	NSD																								
F3-4	NSD																								
F3-1	NSD																								
C3-4	NSD																								
C3-1	NSD																								
E3-4	NSD																								
E3-1	NSD																								
F3-4	NSD																								
F3-1	NSD																								

TEM-1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☒ Very Light ☐ Light ☐ Moderate ☒ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☒ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: Environ, Int EMS Lab No. 82401.
Sample No. BIK-1A Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☒
- H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 21000 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S.A. Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
C3-6	NSD																								
C3-3	NSD																								
B3-3	NSD																								
B3-6	1 F		1.5	62	✓																				Si
E3-3	NSD																								
E3-6	NSD																								
A3-3	NSD																								
A3-6	NSD																								
H3-3	NSD																								
H3-6	NSD																								
K3-3	NSD																								
K4-1	NSD																								
K4-4	NSD																								
H4-1	NSD																								
H4-4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐					
Debris: ☐	Very Light ☐	Light ☐	Moderate ☒	Heavy ☐	Very Heavy ☐
Gypsum: ☐	Very Light ☐	Light ☐	Moderate ☐	Heavy ☐	Very Heavy ☐
Condition of the Grid: ☐	Good ☒	Scrappy ☐	Undissolved Filter ☐	Folded ☐	

TEM ASBESTOS ANALYSIS

Client Environ. Int. EMS Lab No. 82451
Sample No. BIK-1A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address D
Screen Magnification 9100 X
Camera Constant 28-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.08

Analyst _____ Date _____

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	Na	Mg	Si	Ca	Fe	Comments
FU-4	NSD																								
FU-1	NSD																								
CU-1	NSD																								
BU-4	NSD																								
CU-1	NSD																								
CU-4	NSD																								
CU-1	NSD																								
BU-4	NSD																								
BU-1	NSD																								
AU-4	NSD																								
DU-6	NSD																								
BU-3	NSD																								
BU-6	NSD																								
CU-3	NSD																								
CU-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ-tat
Sample No. B1K-1A

EMS Lab No. 82451
Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address 9WD
Screen Magnification 28-4 X
Camera Constant
Accelerating Voltage 100 KV
Beam Current 20 μA
K-Factor 1.18
Analyst SA Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
Eu-3	NSD																								
Eu-6	NSD																								
Fu-3	NSD																								
Fu-6	NSD																								
Gu-3	NSD																								
Gu-6	NSD																								
Hu-3	NSD																								
Hu-6	NSD																								
Iu-3	NSD																								
Iu-6	NSD																								
A5-1	NSD																								
A5-2	NSD																								
B5-1	NSD																								
B5-2	NSD																								
C5-1	NSD																								

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM - 1B (8-01)

TEM ASBESTOS ANALYSIS

Client Environ Int. EMS Lab No. 82457.
Sample No. BTR-PA. Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

D

Grid Address A10
Screen Magnification 28-4 X
Camera Constant
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/11

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F5-4	NSD																								
F5-1	NSD																								
E5-4	NSD																								
E5-1	NSD																								
C5-4	2 F		1.5	82	✓																				Si
C5-1	NSD																								
B5-4	NSD																								
B5-1	NSD																								
A5-4	NSD																								
B5-6	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☑ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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TEM ASBESTOS ANALYSIS

Client Enviro Int.
Sample No. blank - 1A

EMS Lab No. 82454
Page 1 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.8
Analyst S. Ahmad Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G6-1	NSD																								
G6-4	NSD																								
F6-1	NSD																								
F6-4	NSD																								
E6-1	NSD																								
E6-4	NSD																								
G6-1	NSD																								
G6-4	NSD																								
F6-1	NSD																								
G5-3	NSD																								
F5-6	NSD																								
F5-3	NSD																								
E5-6	NSD																								
E5-3	NSD																								
G5-3	NSD																								

TEM-1(E/8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ Int EMS Lab No. 82405
Sample No. BIK Page 2 of 5

RECEIVING

ANALYSIS

MICROSCOPE
H600A – Serial No. 542-36-01 ☐
H600B – Serial No. 542-05-06 ☑
H600C – Serial No. 542-24-03 ☐

Grid Address G
Screen Magnification 9100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 8.0 µA
K-Factor 1.18
Analyst SA Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
G5	6	NSD																							
B-3		NSD																							
B5-7		NSD																							
B5-9		NSD																							
B5-4		NSD																							
C5-1		NSD																							
C5 4		NSD																							
E5-1		NSD																							
E5-4		NSD																							
F5 1		NSD																							
F5 4		NSD																							
G5 1		NSD																							
G5 4		NSD																							
H5 1		NSD																							
H5 4		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ - Int EMS Lab No. 8265
Sample No. BIK-1A Page 3 of 5

RECEIVING

ANALYSIS

MICROSCOPE

- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address E
Screen Magnification 9100 X
Camera Constant 78-4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
K5-1		NSD																							
N4-3		NSD																							
H4-6		NSD																							
H4-3		NSD																							
G4-6		NSD																							
G4-3		NSD																							
F4-6		NSD																							
F4-3		NSD																							
E4-6		NSD																							
E4-3		NSD																							
C4-6		NSD																							
C4-3		NSD																							
B4-6		NSD																							
B4-3		NSD																							
A4-6		NSD																							

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client Environ. Int'l EMS Lab No. 82401
Sample No. BH Page 4 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address 5
Screen Magnification 9,100 X
Camera Constant 28.4
Accelerating Voltage 100 KV
Beam Current 10 µA
K-Factor 1.18
Analyst SA Date 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
AU4	NSD																								
BU1	NSD																								
BU4	NSD																								
CU1	NSD																								
CU4	NSD																								
EU1	NSD																								
EU4	NSD																								
FU1	NSD																								
FU4	NSD																								
GU1	NSD																								
GU4	NSD																								
HU1	NSD																								
HU4	NSD																								
IU1	NSD																								
IU4	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☑ Heavy ☐ Very Heavy ☐
Gypsum: ☑ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☑ Scrappy ☐ Undissolved Filter ☐ Folded ☐

TEM ASBESTOS ANALYSIS

Client: ENVIRON Int | EMS Lab No. 82451
Sample No. BLANK | Page 5 of 5

RECEIVING

ANALYSIS

MICROSCOPE
- H600A – Serial No. 542-36-01 ☐
- H600B – Serial No. 542-05-06 ☑
- H600C – Serial No. 542-24-03 ☐

Grid Address: E
Screen Magnification: 2,100 X
Camera Constant: 28-4
Accelerating Voltage: 100 KV
Beam Current: 10 µA
K-Factor: 1.8
Analyst: S Ahmed Date: 12/11/02

Grid Opening	Structure Number	Structure	Dimensions (mm) Width	Dimensions (mm) Length	Fiber Classification NAM	TM	CM	CD	CQ	CMQ	CDQ	UF	AD	AX	ADX	AQ	ADQ	AZQ	AZZ	EDS Analysis Na	Mg	Si	Ca	Fe	Comments
F33	NSD																								
F36	NSD																								
E33	NSD																								
E36	NSD																								
A33	NSD																								
A36	NSD																								
F33	NSD																								
F36	NSD																								
E36	NSD																								
E33	NSD																								
C36	NSD																								
C33	NSD																								

TEM - 1B (8-01)

OBSERVATIONS:

Clean ☐
Debris: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Gypsum: ☐ Very Light ☐ Light ☐ Moderate ☐ Heavy ☐ Very Heavy ☐
Condition of the Grid: ☐ Good ☐ Scrappy ☐ Undissolved Filter ☐ Folded ☐

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