# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4771 S36 A1 | Volume (L) | 1191.9 |
| Client Sample No. | SFBC-H2-1FD-100604 | No. of Grid Openings | 22 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 10/19/2004 | Area Analyzed (mm2) | 0.319 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.00101 |
| | | Dectection Limit. (struc/cc) | 0.00303 |

| Structure Type | Filter Density (s/mm2) | Concentratrion (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 100.4 | 0.031 | 0.02124 - 0.04384 | 32 |
| Total Asbestos Structures | 109.8 | 0.034 | 0.02367 - 0.04724 | 35 |
| Asbestos Structures > 5um | 31.4 | 0.0097 | 0.00466 - 0.01785 | 10 |
| Asbestos Fibers and Bundles > 5um | 12.5 | 0.00388 | 0.00106 - 0.00989 | 4 |
| PCM Equivalent Fibers-US | 9.4 | 0.00291 | 0.00 - 0.00752 | 3 |
| PCM Equivalent Structures-ISO | 6.3 | 0.00194 | 0.00 - 0.00611 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 3.1 | 0.00097 | 0.00 - 0.00460 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 3.1 | 0.00097 | 0.00 - 0.00460 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 3.1 | 0.00097 | 0.00 - 0.00460 | 1 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 3.1 | 0.00097 | 0.00 - 0.00460 | 1 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| AHERA-like Total Structures 3:1 | 100.4 | 0.031 | 0.02124 - 0.04384 | 32 |
| AHERA-like Asb Strucs >5 and 3:1 | 31.4 | 0.0097 | 0.00466 - 0.01785 | 10 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 18.8 | 0.00582 | 0.00213 - 0.01271 | 6 |
| AHERA-like Asb Strucs >10 and 3:1 | 12.5 | 0.00388 | 0.00106 - 0.00989 | 4 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00291 | 0.00 - 0.00291 | 0 |

Validation Modified

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| **Lab/Cor Sample No.** | B4763 S23 A1 | **Volume (L)** | 1191.9 |
| **Client Sample No.** | SFBC-H2-1FD-100604 | **No. of Grid Openings** | 22 |
| **Description** | Duplicate Analysis of 041188-36 - Same Grid Openings | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 11/18/2004 | **Area Analyzed (mm2)** | 0.319 |
| **Analyst** | KM | **Analytical Sens. (struc/cc)** | 0.00101 |
| | | **Dectection Limit. (struc/cc)** | 0.00303 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 78.4 | 0.0253 | 0.0164 - 0.0374 | 25 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4771 S35 A1 | Volume (L) | 1166.32 |
| Client Sample No. | SFBC-H2-11FD-100604 | No. of Grid Openings | 23 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 10/19/2004 | Area Analyzed (mm2) | 0.333 |
| Analyst | JH | Analytical Sens. (struc/cc) | 0.000990 |
| | | Dectection Limit. (struc/cc) | 0.00296 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 12.0 | 0.00396 | 0.00108 - 0.0101 | 4 |
| Total Asbestos Structures | 12.0 | 0.00396 | 0.00108 - 0.0101 | 4 |
| Asbestos Structures > 5um | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| Asbestos Fibers and Bundles > 5um | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| PCM Equivalent Fibers-US | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PCM Equivalent Structures-ISO | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| AHERA-like Total Structures 3:1 | 12.0 | 0.00396 | 0.00108 - 0.0101 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 3.0 | 0.000990 | 0.00 - 0.00469 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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Lab/Cor Sample No. B4771 S38 A1
Client Sample No. SFBC-H2-3FD-100604
Description
Analysis Date 10/20/2004
Analyst JH

Volume (L) 615.48
No. of Grid Openings 43
Filter Area (mm2) 385
Area Analyzed (mm2) 0.623
Analytical Sens. (struc/cc) 0.00100
Dectection Limit. (struc/cc) 0.00300

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 61.0 | 0.0381 | 0.0270 - 0.0524 (Poisson) | 38 |
| Total Asbestos Structures | 62.6 | 0.0392 | 0.0278 - 0.0535 (Poisson) | 39 |
| Asbestos Structures > 5um | 12.8 | 0.00803 | 0.00347 - 0.0158 | 8 |
| Asbestos Fibers and Bundles > 5um | 11.2 | 0.00703 | 0.00283 - 0.0145 | 7 |
| PCM Equivalent Fibers-US | 6.4 | 0.00402 | 0.00109 - 0.0103 | 4 |
| PCM Equivalent Structures-ISO | 6.4 | 0.00402 | 0.00109 - 0.0103 | 4 |
| PROTOCOL ASB STRUCS 5-10 | 4.8 | 0.00301 | 0.00 - 0.00778 | 3 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.8 | 0.00301 | 0.00 - 0.00778 | 3 |
| PROTOCOL CHRYS STRUCS 5-10 | 4.8 | 0.00301 | 0.00 - 0.00778 | 3 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 4.8 | 0.00301 | 0.00 - 0.00778 | 3 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| AHERA-like Total Structures 3:1 | 61.0 | 0.0381 | 0.0270 - 0.0524 (Poisson) | 38 |
| AHERA-like Asb Strucs >5 and 3:1 | 12.8 | 0.00803 | 0.00347 - 0.0158 | 8 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 8.0 | 0.00502 | 0.00163 - 0.0117 | 5 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.8 | 0.00301 | 0.00 - 0.00778 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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Lab/Cor Sample No. B4771 S110 A1
Client Sample No. SFBC-H2-4FD-100604
Description
Analysis Date 1/21/2005
Analyst KM

Volume (L) 1191.84
No. of Grid Openings 23
Filter Area (mm2) 385
Area Analyzed (mm2) 0.333
Analytical Sens. (struc/cc) 0.000969
Dectection Limit. (struc/cc) 0.00290

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 12.0 | 0.00388 | 0.00106 - 0.00993 | 4 |
| Total Asbestos Structures | 12.0 | 0.00388 | 0.00106 - 0.00993 | 4 |
| Asbestos Structures > 5um | 9.0 | 0.00291 | 0.00 - 0.00751 | 3 |
| Asbestos Fibers and Bundles > 5um | 6.0 | 0.00194 | 0.00 - 0.00611 | 2 |
| PCM Equivalent Fibers-US | 6.0 | 0.00194 | 0.00 - 0.00611 | 2 |
| PCM Equivalent Structures-US | 6.0 | 0.00194 | 0.00 - 0.00611 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 3.0 | 0.000969 | 0.00 - 0.00459 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 3.0 | 0.000969 | 0.00 - 0.00459 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 3.0 | 0.000969 | 0.00 - 0.00459 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 3.0 | 0.000969 | 0.00 - 0.00459 | 1 |
| AHERA-like Total Structures 3:1 | 12.0 | 0.00388 | 0.00106 - 0.00993 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 9.0 | 0.00291 | 0.00 - 0.00751 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.0 | 0.00291 | 0.00 - 0.00751 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00290 | 0.00 - 0.00290 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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**Lab/Cor Sample No.** B4771 S112 A1
**Client Sample No.** SFBC-H2-5FD-100604
**Description**
**Analysis Date** 1/21/2005
**Analyst** KM

**Volume (L)** 1197.67
**No. of Grid Openings** 23
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.333
**Analytical Sens. (struc/cc)** 0.000965
**Dectection Limit. (struc/cc)** 0.00288

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 39.0 | 0.0125 | 0.00668 - 0.0214 | 13 |
| Total Asbestos Structures | 39.0 | 0.0125 | 0.00668 - 0.0214 | 13 |
| Asbestos Structures > 5um | 21.0 | 0.00675 | 0.00271 - 0.0139 | 7 |
| Asbestos Fibers and Bundles > 5um | 21.0 | 0.00675 | 0.00271 - 0.0139 | 7 |
| PCM Equivalent Fibers-US | 21.0 | 0.00675 | 0.00271 - 0.0139 | 7 |
| PCM Equivalent Structures-US | 21.0 | 0.00675 | 0.00271 - 0.0139 | 7 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| AHERA-like Total Structures 3:1 | 39.0 | 0.0125 | 0.00668 - 0.0214 | 13 |
| AHERA-like Asb Strucs >5 and 3:1 | 21.0 | 0.00675 | 0.00271 - 0.0139 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 15.0 | 0.00482 | 0.00157 - 0.0113 | 5 |
| AHERA-like Asb Strucs >10 and 3:1 | 6.0 | 0.00193 | 0.00 - 0.00608 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00288 | 0.00 - 0.00288 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

Lab/Cor Sample No. B4771 S107 A1
Client Sample No. SFBC-H2-1PG-100604
Description
Analysis Date 1/18/2005
Analyst DW

Volume (L) 1289.54
No. of Grid Openings 21
Filter Area (mm2) 385
Area Analyzed (mm2) 0.304
Analytical Sens. (struc/cc) 0.000981
Dectection Limit. (struc/cc) 0.00293

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 216.9 | 0.0648 | 0.0501 - 0.0824 (Poisson) | 66 |
| Total Asbestos Structures | 239.9 | 0.0716 | 0.0561 - 0.0901 (Poisson) | 73 |
| Asbestos Structures > 5um | 69.0 | 0.0206 | 0.0128 - 0.0315 | 21 |
| Asbestos Fibers and Bundles > 5um | 13.1 | 0.00392 | 0.00107 - 0.0100 | 4 |
| PCM Equivalent Fibers-US | 13.1 | 0.00392 | 0.00107 - 0.0100 | 4 |
| PCM Equivalent Structures-US | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| AHERA-like Total Structures 3:1 | 216.9 | 0.0648 | 0.0501 - 0.0824 (Poisson) | 66 |
| AHERA-like Asb Strucs >5 and 3:1 | 69.0 | 0.0206 | 0.0128 - 0.0315 | 21 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 29.6 | 0.00883 | 0.00404 - 0.0168 | 9 |
| AHERA-like Asb Strucs >10 and 3:1 | 39.4 | 0.0118 | 0.00608 - 0.0206 | 12 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4771 S108 A1 | Volume (L) | 1244.4 |
| Client Sample No. | SFBC-H2-2PG-100604 | No. of Grid Openings | 22 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 1/18/2005 | Area Analyzed (mm2) | 0.319 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.000971 |
| | | Dectection Limit. (struc/cc) | 0.00290 |

| Structure Type | Filter Density (s/mm2) | Concentratrion (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 160.0 | 0.0495 | 0.03690 - 0.06515 | 51 |
| Total Asbestos Structures | 166.3 | 0.0514 | 0.03855 - 0.06729 | 53 |
| Asbestos Structures > 5um | 34.5 | 0.0107 | 0.0053 - 0.01913 | 11 |
| Asbestos Fibers and Bundles > 5um | 15.7 | 0.00485 | 0.0016 - 0.01136 | 5 |
| PCM Equivalent Fibers-US | 15.7 | 0.00485 | 0.0016 - 0.01136 | 5 |
| PCM Equivalent Structures-ISO | 3.1 | 0.000971 | 0.00 0.00460 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| AHERA-like Total Structures 3:1 | 160.0 | 0.0495 | 0.03690 - 0.06515 | 51 |
| AHERA-like Asb Strucs >5 and 3:1 | 34.5 | 0.0107 | 0.00533 - 0.01913 | 11 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 31.4 | 0.00971 | 0.00466 - 0.01787 | 10 |
| AHERA-like Asb Strucs >10 and 3:1 | 3.1 | 0.000971 | 0.00000 - 0.00460 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | < 0.00290329 | 0.00 - 0.00290 | 0 |

Validation Modified

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

Lab/Cor Sample No. B4771 S109 A1
Client Sample No. SFBC-H2-3PG-100604
Description
Analysis Date 1/19/2005
Analyst DW

Volume (L) 1262.32
No. of Grid Openings 21
Filter Area (mm2) 385
Area Analyzed (mm2) 0.304
Analytical Sens. (struc/cc) 0.00100
Dectection Limit. (struc/cc) 0.00300

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 226.8 | 0.0692 | 0.0538 - 0.0875 (Poisson) | 69 |
| Total Asbestos Structures | 236.6 | 0.0722 | 0.0565 - 0.0909 (Poisson) | 72 |
| Asbestos Structures > 5um | 42.7 | 0.0130 | 0.00694 - 0.0223 | 13 |
| Asbestos Fibers and Bundles > 5um | 6.6 | 0.00200 | 0.00 - 0.00631 | 2 |
| PCM Equivalent Fibers-US | 9.9 | 0.00301 | 0.00 - 0.00777 | 3 |
| PCM Equivalent Structures-US | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 3.3 | 0.00100 | 0.00 - 0.00475 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 3.3 | 0.00100 | 0.00 - 0.00475 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 3.3 | 0.00100 | 0.00 - 0.00475 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 3.3 | 0.00100 | 0.00 - 0.00475 | 1 |
| AHERA-like Total Structures 3:1 | 226.8 | 0.0692 | 0.0538 - 0.0875 (Poisson) | 69 |
| AHERA-like Asb Strucs >5 and 3:1 | 42.7 | 0.0130 | 0.00694 - 0.0223 | 13 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 23.0 | 0.00702 | 0.00282 - 0.0145 | 7 |
| AHERA-like Asb Strucs >10 and 3:1 | 19.7 | 0.00601 | 0.00221 - 0.0131 | 6 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00300 | 0.00 - 0.00300 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

Lab/Cor Sample No. B4771 S113 A1
Client Sample No. SFBC-H2-5PG-100604
Description
Analysis Date 1/24/2005
Analyst KM

Volume (L) 1178.19
No. of Grid Openings 23
Filter Area (mm2) 385
Area Analyzed (mm2) 0.333
Analytical Sens. (struc/cc) 0.000981
Dectection Limit. (struc/cc) 0.00293

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 105.0 | 0.0343 | 0.0239 - 0.0477 (Poisson) | 35 |
| Total Asbestos Structures | 105.0 | 0.0343 | 0.0239 - 0.0477 (Poisson) | 35 |
| Asbestos Structures > 5um | 33.0 | 0.0108 | 0.00538 - 0.0193 | 11 |
| Asbestos Fibers and Bundles > 5um | 33.0 | 0.0108 | 0.00538 - 0.0193 | 11 |
| PCM Equivalent Fibers-US | 33.0 | 0.0108 | 0.00538 - 0.0193 | 11 |
| PCM Equivalent Structures-US | 24.0 | 0.00784 | 0.00339 - 0.0155 | 8 |
| PROTOCOL ASB STRUCS 5-10 | 9.0 | 0.00294 | 0.00 - 0.00760 | 3 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 9.0 | 0.00294 | 0.00 - 0.00760 | 3 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 9.0 | 0.00294 | 0.00 - 0.00760 | 3 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 9.0 | 0.00294 | 0.00 - 0.00760 | 3 |
| AHERA-like Total Structures 3:1 | 105.0 | 0.0343 | 0.0239 - 0.0477 (Poisson) | 35 |
| AHERA-like Asb Strucs >5 and 3:1 | 33.0 | 0.0108 | 0.00538 - 0.0193 | 11 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 24.0 | 0.00784 | 0.00339 - 0.0155 | 8 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.0 | 0.00294 | 0.00 - 0.00760 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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Lab/Cor Sample No. B4771 S46 A1
Client Sample No. SFBC-L2-2CH-100604
Description
Analysis Date 11/11/2004
Analyst KM

Volume (L) 307.56
No. of Grid Openings 50
Filter Area (mm2) 385
Area Analyzed (mm2) 0.724
Analytical Sens. (struc/cc) 0.00173
Dectection Limit. (struc/cc) 0.00517

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 139.4 | 0.175 | 0.141 - 0.210 (Poisson) | 101 |
| Total Asbestos Structures | 142.2 | 0.178 | 0.141 - 0.210 (Poisson) | 103 |
| Asbestos Structures > 5um | 45.5 | 0.0570 | 0.0392 - 0.0801 (Poisson) | 33 |
| Asbestos Fibers and Bundles > 5um | 22.1 | 0.0276 | 0.0158 - 0.0449 | 16 |
| PCM Equivalent Fibers-US | 20.7 | 0.0259 | 0.0145 - 0.0427 | 15 |
| PCM Equivalent Structures-ISO | 19.3 | 0.0242 | 0.0132 - 0.0406 | 14 |
| PROTOCOL ASB STRUCS 5-10 | 4.1 | 0.00518 | 0.00 - 0.0134 | 3 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.1 | 0.00518 | 0.00 - 0.0134 | 3 |
| PROTOCOL CHRYS STRUCS 5-10 | 1.4 | 0.00173 | 0.00 - 0.00819 | 1 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 1.4 | 0.00173 | 0.00 - 0.00819 | 1 |
| PROTOCOL AMPH STRUCS 5-10 | 2.8 | 0.00346 | 0.00 - 0.0109 | 2 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 2.8 | 0.00346 | 0.00 - 0.0109 | 2 |
| AHERA-like Total Structures 3:1 | 139.4 | 0.175 | 0.141 - 0.210 (Poisson) | 101 |
| AHERA-like Asb Strucs >5 and 3:1 | 45.5 | 0.0570 | 0.0392 - 0.0801 (Poisson) | 33 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 33.1 | 0.0415 | 0.0266 - 0.0617 | 24 |
| AHERA-like Asb Strucs >10 and 3:1 | 12.4 | 0.0156 | 0.00711 - 0.0295 | 9 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00517 | 0.00 - 0.00517 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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Lab/Cor Sample No. B4771 S114 A1
Client Sample No. SFBC-L2-1NA-100604
Description
Analysis Date 1/25/2005
Analyst JH

Volume (L) 304.08
No. of Grid Openings 88
Filter Area (mm2) 385
Area Analyzed (mm2) 1.28
Analytical Sens. (struc/cc) 0.000993
Dectection Limit. (struc/cc) 0.00297

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 43.1 | 0.0546 | 0.0411 - 0.0711 (Poisson) | 55 |
| Total Asbestos Structures | 43.1 | 0.0546 | 0.0411 - 0.0711 (Poisson) | 55 |
| Asbestos Structures > 5um | 15.7 | 0.0199 | 0.0121 - 0.0307 | 20 |
| Asbestos Fibers and Bundles > 5um | 11.8 | 0.0149 | 0.00834 - 0.0246 | 15 |
| PCM Equivalent Fibers-US | 11.8 | 0.0149 | 0.00834 - 0.0246 | 15 |
| PCM Equivalent Structures-US | 7.8 | 0.00993 | 0.00476 - 0.0183 | 10 |
| PROTOCOL ASB STRUCS 5-10 | 0.8 | 0.000993 | 0.00 - 0.00471 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.8 | 0.000993 | 0.00 - 0.00471 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.8 | 0.000993 | 0.00 - 0.00471 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.8 | 0.000993 | 0.00 - 0.00471 | 1 |
| AHERA-like Total Structures 3:1 | 43.1 | 0.0546 | 0.0411 - 0.0711 (Poisson) | 55 |
| AHERA-like Asb Strucs >5 and 3:1 | 15.7 | 0.0199 | 0.0121 - 0.0307 | 20 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 11.8 | 0.0149 | 0.00834 - 0.0246 | 15 |
| AHERA-like Asb Strucs >10 and 3:1 | 3.9 | 0.00496 | 0.00161 - 0.0116 | 5 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00297 | 0.00 - 0.00297 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R07

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

Lab/Cor Sample No. B4771 S115 A1
Client Sample No. SFBC-L2-1ZB-100604
Description
Analysis Date 1/25/2005
Analyst DW

Volume (L) 304.8
No. of Grid Openings 88
Filter Area (mm2) 385
Area Analyzed (mm2) 1.28
Analytical Sens. (struc/cc) 0.000991
Dectection Limit. (struc/cc) 0.00296

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Total Asbestos Structures | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Asbestos Structures > 5um | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| AHERA-like Total Structures 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00296 | 0.00 - 0.00296 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

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Lab/Cor Sample No. B4771 S10 A1
Client Sample No. CC5-L6-1CA-100604
Description
Analysis Date 10/12/2004
Analyst KM

Volume (L) 903.38
No. of Grid Openings 30
Filter Area (mm2) 385
Area Analyzed (mm2) 0.435
Analytical Sens. (struc/cc) 0.000980
Dectection Limit. (struc/cc) 0.00293

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 55.2 | 0.0235 | 0.0151 - 0.0350 | 24 |
| Total Asbestos Structures | 55.2 | 0.0235 | 0.0151 - 0.0350 | 24 |
| Asbestos Structures > 5um | 4.6 | 0.00196 | 0.00 - 0.00618 | 2 |
| Asbestos Fibers and Bundles > 5um | 2.3 | 0.000980 | 0.00 - 0.00465 | 1 |
| PCM Equivalent Fibers-US | 2.3 | 0.000980 | 0.00 - 0.00465 | 1 |
| PCM Equivalent Structures-ISO | 2.3 | 0.000980 | 0.00 - 0.00465 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| AHERA-like Total Structures 3:1 | 55.2 | 0.0235 | 0.0151 - 0.0350 | 24 |
| AHERA-like Asb Strucs >5 and 3:1 | 4.6 | 0.00196 | 0.00 - 0.00618 | 2 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.6 | 0.00196 | 0.00 - 0.00618 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00293 | 0.00 - 0.00293 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| **Lab/Cor Sample No.** | B4763 S20 A1 | **Volume (L)** | 903.38 |
| **Client Sample No.** | CC5-L6-1CA-100604 | **No. of Grid Openings** | 29 |
| **Description** | Replicate Analysis of 041188-10 - Reprep | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 11/18/2004 | **Area Analyzed (mm2)** | 0.420 |
| **Analyst** | KM | **Analytical Sens. (struc/cc)** | 0.00101 |
| | | **Dectection Limit. (struc/cc)** | 0.00303 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 35.7 | 0.0152 | 0.00852 - 0.0251 | 15 |

| | | | |
|---|---|---|---|
| **Lab/Cor Sample No.** | B4763 S21 A1 | **Volume (L)** | 903.38 |
| **Client Sample No.** | CC5-L6-1CA-100604 | **No. of Grid Openings** | 30 |
| **Description** | Duplicate Analysis of 041188-10 - Different Grid Opening | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/6/2004 | **Area Analyzed (mm2)** | 0.435 |
| **Analyst** | DW | **Analytical Sens. (struc/cc)** | 0.000980 |
| | | **Dectection Limit. (struc/cc)** | 0.00293 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 39.1 | 0.0167 | 0.00971 - 0.0267 | 17 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R03

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL REPORT

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4771 S11 A1 | Volume (L) | 877.83 |
| Client Sample No. | CC5-L6-1CB-100604 | No. of Grid Openings | 26 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 10/13/2004 | Area Analyzed (mm2) | 0.377 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.00116 |
| | | Dectection Limit. (struc/cc) | 0.00348 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 138.0 | 0.0605 | 0.0452 - 0.0794 (Poisson) | 52 |
| Total Asbestos Structures | 146.0 | 0.0640 | 0.0482 - 0.0833 (Poisson) | 55 |
| Asbestos Structures > 5um | 39.8 | 0.0175 | 0.00977 - 0.0288 | 15 |
| Asbestos Fibers and Bundles > 5um | 23.9 | 0.0105 | 0.00479 - 0.0199 | 9 |
| PCM Equivalent Fibers-US | 15.9 | 0.00698 | 0.00256 - 0.0152 | 6 |
| PCM Equivalent Structures-ISO | 15.9 | 0.00698 | 0.00256 - 0.0152 | 6 |
| PROTOCOL ASB STRUCS 5-10 | 8.0 | 0.00349 | 0.00 - 0.00902 | 3 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 8.0 | 0.00349 | 0.00 - 0.00902 | 3 |
| PROTOCOL CHRYS STRUCS 5-10 | 8.0 | 0.00349 | 0.00 - 0.00902 | 3 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 8.0 | 0.00349 | 0.00 - 0.00902 | 3 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| AHERA-like Total Structures 3:1 | 138.0 | 0.0605 | 0.0452 - 0.0794 (Poisson) | 52 |
| AHERA-like Asb Strucs >5 and 3:1 | 39.8 | 0.0175 | 0.00977 - 0.0288 | 15 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 31.9 | 0.0140 | 0.00722 - 0.0244 | 12 |
| AHERA-like Asb Strucs >10 and 3:1 | 8.0 | 0.00349 | 0.00 - 0.00902 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.00348 | 0.00 - 0.00348 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1FD-100604 *Lab/Cor Sample No.:* B4771 S36 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A2 | CDQ | 1 | 1 | F | 2.6 | 0.04 | 65 | 887 | 617 | Mg, Si Chrysotile Confirmed - KM | TAS_AHRA |
| A | 1 | A2 | CD | 2 | 2 | F | 0.51 | 0.04 | 13 | | | Chrysotile | TAS_AHRA |
| A | 2 | A4 | | NSD | | | | | | | | | |
| A | 3 | A23 | AZQ | 3 | 3 | F | 9 | 1 | 9.0 | 888 | 15511 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 3 -2 ] - KM | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 3 | A23 | ADQ | 4 | | MD1-1 | 50 | 25 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | A23 | ADQ | | 4 | MF | 9 | 1.2 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | A42 | CM | 5 | 5 | F | 1 | 0.05 | 20 | | | Chrysotile | TAS_AHRA |
| A | 4 | A42 | CM | 6 | 6 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| A | 5 | A22 | CM | 7 | | MD1-0 | 50 | 25 | 2.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | A22 | CM | | 7 | MF | 3.5 | 0.1 | 35 | | | Chrysotile | |
| A | 5 | A22 | CM | 8 | 8 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| A | 7 | D12 | | NSD | | | | | | | | | |
| A | 8 | D32 | | NSD | | | | | | | | | |
| A | 9 | D31 | CD | 9 | | MD2-0 | 6 | 5 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 9 | D31 | CM | | 9 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 9 | D31 | CD | | 10 | MF | 0.6 | 0.1 | 6.0 | 889 | | Chrysotile Confirmed - KM - Fiber tilts into grid bar | |
| A | 9 | D31 | CM | 10 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 9 | D31 | CM | | 11 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 10 | D1 | CM | 11 | 12 | F | 3 | 0.01 | 300 | | | Chrysotile | TAS_AHRA |
| A | 10 | D1 | CD | 12 | 13 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| A | 10 | D1 | CD | 13 | 14 | F | 2.5 | 0.05 | 50 | | | Chrysotile | TAS_AHRA |
| A | 10 | D1 | CD | 14 | 15 | F | 0.8 | 0.05 | 16 | | | Chrysotile | TAS_AHRA |
| A | 10 | D1 | CM | 15 | | MD1-0 | 7.5 | 5 | 1.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 10 | D1 | CM | | 16 | MF | 1.5 | 0.01 | 150 | | | Chrysotile | |
| A | 11 | A1 | | NSD | | | | | | | | | |
| A | 12 | A11 | CM | 16 | 17 | F | 0.6 | 0.05 | 12 | | | Chrysotile | TAS_AHRA |
| A | 12 | A11 | CM | 17 | 18 | F | 0.5 | 0.01 | 50 | | | Chrysotile | TAS_AHRA |
| A | 13 | A21 | CM | 18 | | MD1-0 | 10 | 10 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 13 | A21 | CM | | 19 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 13 | A21 | CD | 19 | 20 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1FD-100604 *Lab/Cor Sample No.:* B4771 S36 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 13 | A21 | CD | 20 | | MD1-0 | 40 | 20 | 2.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 13 | A21 | CD | | 21 | MF | 2.5 | 0.1 | 25 | | | Chrysotile | |
| A | 13 | A21 | CM | 21 | 22 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| A | 14 | A31 | | NSD | | | | | | | | | |
| A | 15 | A40 | CQ | 22 | | MD3-0 | 15 | 15 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 15 | A40 | CQ | | 23 | MB | 2.5 | 0.25 | 10 | | | Mg, Si Chrysotile | |
| A | 15 | A40 | CD | | 24 | MF | 1 | 0.05 | 20 | | | Chrysotile | |
| A | 15 | A40 | CM | | 25 | MF | 1 | 0.01 | 100 | | | Chrysotile | |
| A | 15 | A40 | CM | 23 | 26 | F | 1 | 0.01 | 100 | | | Chrysotile | TAS_AHRA |
| B | 16 | B10 | CD | 24 | 27 | F | 1 | 0.15 | 6.7 | | | Chrysotile | TAS_AHRA |
| B | 16 | B10 | CMQ | 25 | | MD1-0 | 2.7 | 1.8 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 16 | B10 | CMQ | | 28 | MF | 2.7 | 0.15 | 18 | | | Mg, Si Chrysotile | |
| B | 17 | B30 | | NSD | | | | | | | | | |
| B | 18 | B42 | CD | 26 | 29 | F | 2 | 0.1 | 20 | | | Chrysotile | TAS_AHRA |
| B | 19 | B22 | CD | 27 | 30 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| B | 19 | B22 | ADQ | 28 | 31 | F | 5.4 | 1 | 5.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 19 | B22 | CD | 29 | | MD1-1 | 10 | 5.5 | 1.8 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 19 | B22 | CD | | 32 | MF | 5.1 | 0.08 | 64 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| B | 20 | B2 | | NSD | | | | | | | | | |
| B | 21 | C12 | | NSD | | | | | | | | | |
| B | 22 | C32 | CMQ | 30 | 33 | F | 2.3 | 0.2 | 12 | | | Chrysotile | TAS_AHRA |
| B | 22 | C32 | CD | 31 | 34 | F | 1.7 | 0.1 | 17 | | | Chrysotile | TAS_AHRA |
| B | 23 | C40 | CD | 32 | | MD1-0 | 4 | 3 | 1.3 | | | Chrysotile | TAS_AHRA |
| B | 23 | C40 | CD | | 35 | MF | 3 | 0.08 | 38 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1FD-100604 *Lab/Cor Sample No.:* B4763 S23 A1

*Descripiton:* Duplicate Analysis of 041188-36 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A42 | CD | 1 | | MD1-0 | 9 | 6 | 1.5 | | | Chrysotile | |
| A | 1 | A42 | CD | | 1 | MF | 0.6 | 0.01 | 60 | | | Chrysotile | |
| A | 2 | A22 | CD | 2 | | MD1-0 | 8 | 5 | 1.6 | | | Chrysotile | |
| A | 2 | A22 | CD | | 2 | MF | 3 | 0.1 | 30 | | | Chrysotile | |
| A | 3 | A2 | CD | 3 | 3 | F | 2.6 | 0.03 | 87 | | | Chrysotile | |
| A | 3 | A2 | CD | 4 | 4 | F | 0.52 | 0.11 | 4.7 | | | Chrysotile | |
| A | 4 | D12 | | NSD | | | | | | | | | |
| A | 5 | A31 | | NSD | | | | | | | | | |
| A | 6 | A11 | CD | 5 | | MD1-0 | 10 | 5 | 2.0 | | | Chrysotile | |
| A | 6 | A11 | CD | | 5 | MF | 2 | 0.12 | 17 | | | Chrysotile | |
| A | 7 | A1 | | NSD | | | | | | | | | |
| A | 8 | D1 | CD | 6 | 6 | F | 0.5 | 0.02 | 25 | | | Chrysotile | |
| A | 8 | D1 | CD | 7 | 7 | F | 1.3 | 0.05 | 26 | | | Chrysotile | |
| A | 8 | D1 | CD | 8 | 8 | F | 0.6 | 0.11 | 5.5 | | | Chrysotile | |
| A | 8 | D1 | CD | 9 | 9 | F | 1 | 0.08 | 12 | | | Chrysotile | |
| A | 8 | D1 | CD | 10 | | MD1-0 | 9.5 | 4 | 2.4 | | | Chrysotile | |
| A | 8 | D1 | CD | | 10 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 9 | D31 | | NSD | | | | | | | | | |
| A | 10 | D32 | | NSD | | | | | | | | | |
| A | 11 | A4 | | NSD | | | | | | | | | |
| A | 12 | A23 | AD | 11 | 11 | F | 9 | 0.8 | 11 | | | Actinolite | |
| A | 13 | A21 | CD | 12 | 12 | F | 0.8 | 0.05 | 16 | | | Chrysotile | |
| A | 13 | A21 | CD | 13 | | MD1-0 | 9 | 5 | 1.8 | | | Chrysotile | |
| A | 13 | A21 | CD | | 13 | MB | 0.6 | 0.15 | 4.0 | | | Chrysotile | |
| A | 13 | A21 | CD | 14 | | MD1-0 | 4 | 3 | 1.3 | | | Chrysotile | |
| A | 13 | A21 | CD | | 14 | MF | 3 | 0.08 | 38 | | | Chrysotile | |
| A | 13 | A21 | AD | 15 | | MD1-1 | 20 | 15 | 1.3 | | | Actinolite | |
| A | 13 | A21 | AD | | 15 | MF | 10.5 | 1.8 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 14 | A40 | CD | 16 | 16 | F | 1.2 | 0.1 | 12 | | | Chrysotile | |
| A | 14 | A40 | CD | 17 | 17 | F | 0.7 | 0.08 | 8.8 | | | Chrysotile | |
| B | 15 | B42 | CD | 18 | 18 | F | 0.7 | 0.08 | 8.8 | | | Chrysotile | |
| B | 15 | B42 | CD | 19 | 19 | F | 1.8 | 0.1 | 18 | | | Chrysotile | |
| B | 16 | B22 | CMQ | 20 | 20 | F | 1.3 | 0.1 | 13 | | | Chrysotile | |
| B | 16 | B22 | CMQ | 21 | | MD1-0 | 15 | 7 | 2.1 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1FD-100604 *Lab/Cor Sample No.:* B4763 S23 A1

*Descripiton:* Duplicate Analysis of 041188-36 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 16 | B22 | CMQ | | 21 | MF | 4 | 0.11 | 36 | | | Mg, Si Chrysotile | |
| B | 17 | B2 | | NSD | | | | | | | | | |
| B | 18 | C12 | | NSD | | | | | | | | | |
| B | 19 | C32 | AQ | 22 | 22 | F | 2.4 | 0.12 | 20 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 20 | B30 | | NSD | | | | | | | | | |
| B | 21 | B10 | CD | 23 | 23 | F | 1.1 | 0.13 | 8.5 | | | Chrysotile | |
| B | 21 | B10 | CD | 24 | | MD1-0 | 2.7 | 1.8 | 1.5 | | | Chrysotile | |
| B | 21 | B10 | CD | | 24 | MF | 2.7 | 0.15 | 18 | | | Chrysotile | |
| B | 22 | C40 | CD | 25 | | MD1-0 | 4 | 3.2 | 1.2 | | | Chrysotile | |
| B | 22 | C40 | CD | | 25 | MF | 3 | 0.09 | 33 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-11FD-100604 *Lab/Cor Sample No.:* B4771 S35 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B3 | | NSD | | | | | | | | | |
| A | 2 | B1 | | NSD | | | | | | | | | |
| A | 3 | C11 | | NSD | | | | | | | | | |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C32 | | NSD | | | | | | | | | |
| A | 7 | C30 | | NSD | | | | | | | | | |
| A | 8 | D31 | | NSD | | | | | | | | | |
| A | 9 | D33 | CDQ | 1 | 1 | F | 2.2 | 0.2 | 11 | 886 | 616 | Mg, Si Chrysotile Confirmed - KM | TAS_AHRA |
| A | 10 | D42 | | NSD | | | | | | | | | |
| A | 11 | D40 | | NSD | | | | | | | | | |
| A | 12 | C41 | | NSD | | | | | | | | | |
| A | 13 | C43 | | NSD | | | | | | | | | |
| B | 14 | D1 | | NSD | | | | | | | | | |
| B | 15 | D3 | | NSD | | | | | | | | | |
| B | 16 | A14 | | NSD | | | | | | | | | |
| B | 17 | A12 | | NSD | | | | | | | | | |
| B | 18 | A10 | | NSD | | | | | | | | | |
| B | 19 | B11 | | NSD | | | | | | | | | |
| B | 20 | B13 | CDQ | 2 | 2 | F | 1 | 0.15 | 6.7 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 20 | B13 | CMQ | 3 | 3 | F | 0.9 | 0.15 | 6.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 21 | B33 | | NSD | | | | | | | | | |
| B | 22 | B31 | CMQ | 4 | | MD1-1 | 5.5 | 6 | 0.92 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 22 | B31 | CMQ | | 4 | MF | 6 | 0.15 | 40 | | | Mg, Si Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| B | 23 | A31 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3FD-100604 *Lab/Cor Sample No.:* B4771 S38 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | ADQ | 1 | 1 | F | 4.5 | 0.4 | 11 | | 631 | Na, Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 1 | B43 | ODQ | 2 | 2 | F | 6 | 0.8 | 7.5 | | | Actinolite | AS>5, AFB>5, PCMEF-US, TOS_AHRA, OS>5_AHRA |
| A | 1 | B43 | CDQ | 3 | | MD1-0 | 10 | 3.5 | 2.9 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 1 | B43 | CDQ | | 3 | MB | 3 | 0.15 | 20 | 5323 | 632 | Mg, Si Chrysotile Confirmed - KM | |
| A | 1 | B43 | CM | 4 | 4 | F | 2.2 | 0.1 | 22 | | | Chrysotile | TAS_AHRA |
| A | 1 | B43 | CM | 5 | 5 | F | 0.7 | 0.1 | 7.0 | | | Chrysotile | TAS_AHRA |
| A | 2 | A12 | CD | 6 | 6 | F | 0.8 | 0.04 | 20 | | | Chrysotile | TAS_AHRA |
| A | 2 | A12 | CMQ | 7 | | MD1-0 | 3.5 | 2 | 1.8 | | | Chrysotile | TAS_AHRA |
| A | 2 | A12 | CMQ | | 7 | MF | 3.5 | 0.08 | 44 | | | Mg, Si Chrysotile | |
| A | 3 | A40 | CD | 8 | 8 | F | 2.5 | 0.03 | 83 | | | Chrysotile | TAS_AHRA |
| A | 3 | A40 | CD | 9 | 9 | F | 2.5 | 0.06 | 42 | | | Chrysotile | TAS_AHRA |
| A | 4 | B31 | CD | 10 | 10 | F | 2.2 | 0.08 | 28 | | | Chrysotile | TAS_AHRA |
| A | 4 | B31 | CD | 11 | | MD1-1 | 9 | 7 | 1.3 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 4 | B31 | CD | | 11 | MF | 9.5 | 0.1 | 95 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| A | 5 | B11 | | NSD | | | | | | | | | |
| A | 6 | C1 | CD | 12 | 12 | F | 2.4 | 0.1 | 24 | | | Chrysotile | TAS_AHRA |
| A | 6 | C1 | CD | 13 | 13 | F | 2.5 | 0.15 | 17 | | | Chrysotile | TAS_AHRA |
| A | 7 | C21 | AZQ | 14 | 14 | F | 12 | 1.5 | 8.0 | 5322 | 633 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 5 1 4 ] - KM | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | C41 | CD | 15 | 15 | F | 0.7 | 0.06 | 12 | | | Chrysotile | TAS_AHRA |
| A | 9 | D40 | CMQ | 16 | | MD1-0 | 3 | 2 | 1.5 | | | Chrysotile | TAS_AHRA |
| A | 9 | D40 | CMQ | | 16 | MF | 3 | 0.2 | 15 | | | Mg, Si Chrysotile | |
| A | 10 | D20 | | NSD | | | | | | | | | |
| A | 11 | A10 | CD | 17 | | MD1-1 | 7 | 6 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 11 | A10 | CD | | 17 | MF | 7 | 0.08 | 88 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| A | 11 | A10 | CMQ | 18 | 18 | F | 1.5 | 0.06 | 25 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 11 | A10 | CMQ | 19 | | MD | 3 | 2.5 | 1.2 | | | Chrysotile | TAS_AHRA |
| A | 11 | A10 | CMQ | | 19 | MF | 2 | 0.2 | 10 | | | Mg, Si Chrysotile | |
| A | 11 | A10 | ADQ | 20 | 20 | F | 3.5 | 0.7 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 12 | A30 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3FD-100604 *Lab/Cor Sample No.:* B4771 S38 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 13 | A42 | CD | 21 | | MD2-0 | 2.4 | 2 | 1.2 | | | Chrysotile | TAS_AHRA |
| A | 13 | A42 | CD | | 21 | MF | 1.6 | 0.04 | 40 | | | Chrysotile | |
| A | 13 | A42 | CD | | 22 | MB | 1.3 | 0.6 | 2.2 | | | Chrysotile | |
| A | 13 | A42 | CD | 22 | 23 | F | 1.4 | 0.2 | 7.0 | | | Chrysotile | TAS_AHRA |
| A | 13 | A42 | CMQ | 23 | 24 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 14 | A22 | CMQ | 24 | 25 | F | 1 | 0.06 | 17 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 15 | A2 | | NSD | | | | | | | | | |
| A | 16 | D12 | | NSD | | | | | | | | | |
| A | 17 | D32 | | NSD | | | | | | | | | |
| A | 18 | D44 | CD | 25 | 26 | F | 4 | 0.05 | 80 | | | Chrysotile | TAS_AHRA |
| A | 19 | D42 | CD | 26 | | MD1-0 | 2.7 | 1.7 | 1.6 | | | Chrysotile | TAS_AHRA |
| A | 19 | D24 | CD | | 27 | MF | 2.7 | 0.04 | 68 | | | Chrysotile | |
| A | 20 | D4 | CD | 27 | | MD1-1 | 13 | 8 | 1.6 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 20 | D4 | CD | | 28 | MB | 6 | 0.2 | 30 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| A | 21 | A14 | | NSD | | | | | | | | | |
| A | 22 | A34 | | NSD | | | | | | | | | |
| B | 23 | A44 | | NSD | | | | | | | | | |
| B | 24 | A24 | | NSD | | | | | | | | | |
| B | 25 | A4 | ADQ | 28 | 29 | F | 3.5 | 0.4 | 8.8 | | | Na, Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 26 | D14 | | NSD | | | | | | | | | |
| B | 27 | D34 | CD | 29 | 30 | F | 0.7 | 0.06 | 12 | | | Chrysotile | TAS_AHRA |
| B | 28 | D42 | CDQ | 30 | 31 | B | 12 | 0.6 | 20 | | | Mg, Si Chrysotile | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 29 | D22 | | NSD | | | | | | | | | |
| B | 30 | D2 | | NSD | | | | | | | | | |
| B | 31 | A2 | CD | 31 | 32 | F | 2.2 | 0.05 | 44 | | | Chrysotile | TAS_AHRA |
| B | 32 | A22 | | NSD | | | | | | | | | |
| B | 33 | A42 | | NSD | | | | | | | | | |
| B | 34 | A40 | | NSD | | | | | | | | | |
| B | 35 | A20 | CD | 32 | 33 | F | 1 | 0.15 | 6.7 | | | Chrysotile | TAS_AHRA |
| B | 36 | D10 | CD | 33 | 34 | F | 1.2 | 0.06 | 20 | | | Chrysotile | TAS_AHRA |
| B | 37 | D30 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3FD-100604 *Lab/Cor Sample No.:* B4771 S38 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 38 | C41 | CD | 34 | 35 | F | 2.6 | 0.15 | 17 | | | Chrysotile | TAS_AHRA |
| B | 39 | C21 | | NSD | | | | | | | | | |
| B | 40 | C1 | CD | 35 | 36 | F | 2.6 | 0.1 | 26 | | | Chrysotile | TAS_AHRA |
| B | 40 | C1 | CD | 36 | 37 | B | 2.8 | 0.8 | 3.5 | | | Chrysotile | TAS_AHRA |
| B | 41 | B11 | | NSD | | | | | | | | | |
| B | 42 | B31 | ADQ | 37 | 38 | F | 7 | 1 | 7.0 | | 15238 | Na, Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 43 | B43 | CD | 38 | 39 | F | 1.2 | 0.2 | 6.0 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-4FD-100604 *Lab/Cor Sample No.:* B4771 S110 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A44 | | NSD | | | | | | | | | |
| A | 2 | A24 | | NSD | | | | | | | | | |
| A | 3 | A4 | | NSD | | | | | | | | | |
| A | 4 | D14 | AZQ | 1 | 1 | F | 9 | 0.5 | 18 | 1320 | 985 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 1 0 ] - KM | AS>5, AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA |
| A | 5 | D34 | | NSD | | | | | | | | | |
| A | 6 | A32 | | NSD | | | | | | | | | |
| A | 7 | A12 | CDQ | 2 | 2 | B | 3.2 | 0.35 | 9.1 | 1321 | 986 | Mg, Si Chrysotile Verified - KBM | TAS_AHRA |
| A | 8 | D2 | | NSD | | | | | | | | | |
| A | 9 | D22 | CDQ | 3 | | MD1-0 | 5.5 | 4 | 1.4 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 9 | D22 | CDQ | | 3 | MF | 3 | 0.12 | 25 | 1322 | 987 | Mg, Si Chrysotile Verified - KM | |
| A | 10 | D42 | | NSD | | | | | | | | | |
| A | 11 | D10 | | NSD | | | | | | | | | |
| A | 12 | D30 | | NSD | | | | | | | | | |
| B | 13 | A41 | | NSD | | | | | | | | | |
| B | 14 | A21 | | NSD | | | | | | | | | |
| B | 15 | A1 | AQ | 4 | 4 | F | 5.2 | 1.2 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 16 | D11 | | NSD | | | | | | | | | |
| B | 17 | D31 | | NSD | | | | | | | | | |
| B | 18 | B41 | | NSD | | | | | | | | | |
| B | 19 | B21 | | NSD | | | | | | | | | |
| B | 20 | B1 | | NSD | | | | | | | | | |
| B | 21 | C11 | | NSD | | | | | | | | | |
| B | 22 | C31 | | NSD | | | | | | | | | |
| B | 23 | C10 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-5FD-100604 *Lab/Cor Sample No.:* B4771 S112 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A3 | | NSD | | | | | | | | | |
| A | 2 | D13 | AZQ | 1 | 1 | F | 14 | 2.5 | 5.6 | 1323 | 988 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 7 1 6 ] - KM | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | D33 | AQ | 2 | 2 | F | 3 | 0.7 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | D33 | AQ | 3 | 3 | F | 4.2 | 0.45 | 9.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 4 | D2 | | NSD | | | | | | | | | |
| A | 5 | D22 | | NSD | | | | | | | | | |
| A | 6 | D42 | | NSD | | | | | | | | | |
| A | 7 | D1 | AQ | 4 | 4 | F | 4.8 | 0.2 | 24 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | D1 | AQ | 5 | 5 | F | 2 | 0.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 8 | D21 | AQ | 6 | 6 | F | 4.5 | 1.2 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 9 | D41 | | NSD | | | | | | | | | |
| A | 10 | C2 | AQ | 7 | 7 | F | 8 | 2.5 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 11 | C22 | | NSD | | | | | | | | | |
| A | 12 | C42 | AQ | 8 | 8 | F | 10 | 1.3 | 7.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 13 | A41 | | NSD | | | | | | | | | |
| B | 14 | A21 | AQ | 9 | 9 | F | 16 | 1.5 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 14 | A21 | AQ | 10 | 10 | F | 10 | 1 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 14 | A21 | AQ | 11 | 11 | F | 1.8 | 0.2 | 9.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | A21 | AQ | 12 | 12 | F | 6.5 | 1.2 | 5.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 15 | A1 | | NSD | | | | | | | | | |
| B | 16 | D11 | | NSD | | | | | | | | | |
| B | 17 | D31 | | NSD | | | | | | | | | |
| B | 18 | B42 | | NSD | | | | | | | | | |
| B | 19 | B22 | | NSD | | | | | | | | | |
| B | 20 | B2 | | NSD | | | | | | | | | |
| B | 21 | C12 | AQ | 13 | 13 | F | 9 | 1.2 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 22 | C32 | | NSD | | | | | | | | | |
| B | 23 | C42 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1PG-100604 *Lab/Cor Sample No.:* B4771 S107 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | CDQ | 1 | | MD1-0 | 3 | 2.5 | 1.2 | | | Chrysotile | TAS_AHRA |
| A | 1 | B43 | CDQ | | 1 | MF | 1.5 | 0.1 | 15 | 5854 | 15691 | Mg, Si Chrysotile Verified - KBM | |
| A | 1 | B43 | AZQ | 2 | | MD1-1 | 11 | 5 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 1 | B43 | AZQ | | 2 | MF | 11 | 1.5 | 7.3 | 5855 | 15692 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 1 6 ] - KM | AFB>5, PCMEF-US |
| A | 1 | B43 | CD | 3 | 3 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 2 | B23 | CD | 4 | 4 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 2 | B23 | AQ | 5 | | MD1-1 | 19 | 12 | 1.6 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B23 | AQ | | 5 | MF | 10 | 2.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 3 | B3 | CD | 6 | | MD1-0 | 15 | 15 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | B3 | CD | | 6 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 3 | B3 | CD | 7 | 7 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | C33 | CD | 8 | 8 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CD | 9 | 9 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CD | 10 | 10 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CDQ | 11 | 11 | F | 1 | 0.1 | 10 | 5856 | 15693 | Mg, Si Chrysotile Verified - KBM | TAS_AHRA |
| A | 5 | C33 | CD | 12 | 12 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CD | 13 | 13 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CD | 14 | | MD1-0 | 12 | 7.5 | 1.6 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C33 | CD | | 14 | MF | 0.65 | 0.1 | 6.5 | | | Chrysotile | |
| A | 5 | C33 | CD | 15 | | MD1-0 | 10 | 5 | 2.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 5 | C33 | CD | | 15 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 5 | C33 | CD | 16 | | MD3-0 | 1.5 | 1.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 5 | C33 | CD | | 16 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 5 | C33 | CD | | 17 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 5 | C33 | CD | | 18 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 5 | C33 | CD | 17 | 19 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| A | 6 | C41 | CD | 18 | 20 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 6 | C41 | CD | 19 | 21 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 6 | C41 | CD | 20 | | MD1-0 | 1 | 1 | 1.0 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1PG-100604 *Lab/Cor Sample No.:* B4771 S107 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 6 | C41 | CD | | 22 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| A | 6 | C41 | CD | 21 | 23 | F | 1.35 | 0.1 | 14 | | | Chrysotile | TAS_AHRA |
| A | 7 | C21 | CD | 22 | | MD1-0 | 7.5 | 7.5 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 7 | C21 | CD | | 24 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 7 | C21 | CD | 23 | 25 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 7 | C21 | CD | 24 | 26 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 7 | C21 | CD | 25 | | MD1-0 | 2 | 0.5 | 4.0 | | | Chrysotile | TAS_AHRA |
| A | 7 | C21 | CD | | 27 | MF | 2 | 0.1 | 20 | | | Chrysotile | |
| A | 7 | C21 | CD | 26 | | MD1-0 | 7.5 | 5 | 1.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 7 | C21 | CD | | 28 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 8 | C1 | CD | 27 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 8 | C1 | CD | | 29 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 8 | C1 | CD | 28 | | MD1-0 | 7 | 5 | 1.4 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 8 | C1 | CD | | 30 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 8 | C1 | CD | 29 | 31 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 8 | C1 | CD | 30 | | MD1-0 | 35 | 20 | 1.8 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | C1 | CD | | 32 | MF | 2.5 | 0.15 | 17 | | | Chrysotile | |
| A | 8 | C1 | CD | 31 | 33 | F | 1.5 | 0.1 | 15 | | | Chrysotile | TAS_AHRA |
| A | 8 | C1 | AQ | 32 | | MD1-1 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 8 | C1 | AQ | | 34 | MF | 5.5 | 1.5 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 8 | C1 | CD | 33 | 35 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | AQ | 34 | | MD1-0 | 9 | 5 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 9 | B11 | AQ | | 36 | MF | 2 | 0.3 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | B11 | CD | 35 | 37 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | CD | 36 | 38 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | CD | 37 | 39 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | CD | 38 | 40 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | CD | 39 | 41 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 9 | B11 | CD | 40 | 42 | F | 0.75 | 0.15 | 5.0 | | | Chrysotile | TAS_AHRA |
| A | 10 | B31 | CD | 41 | | MD2-0 | 9 | 8 | 1.1 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1PG-100604 *Lab/Cor Sample No.:* B4771 S107 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 10 | B31 | CD | | 43 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 10 | B31 | CD | | 44 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| A | 11 | B40 | CD | 42 | 45 | F | 2.5 | 0.1 | 25 | | | Chrysotile | TAS_AHRA |
| A | 12 | A30 | AQ | 43 | | MD1-1 | 12 | 12 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 12 | A30 | AQ | | 46 | MF | 10 | 1.8 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 13 | A10 | CD | 44 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 13 | A10 | CD | | 47 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| A | 13 | A10 | CD | 45 | 48 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 13 | A10 | CD | 46 | 49 | F | 1.3 | 0.1 | 13 | | | Chrysotile | TAS_AHRA |
| A | 13 | A10 | CD | 47 | 50 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| A | 13 | A10 | CD | 48 | 51 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 13 | A10 | CD | 49 | 52 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 14 | D1 | CD | 50 | | MD2-0 | 15 | 10 | 1.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 14 | D1 | CD | | 53 | MB | 2.5 | 0.3 | 8.3 | | | Chrysotile | |
| A | 14 | D1 | CD | | 54 | MF | 1.3 | 0.1 | 13 | | | Chrysotile | |
| A | 14 | D1 | CD | 51 | | MD1-0 | 3 | 2.5 | 1.2 | | | Chrysotile | TAS_AHRA |
| A | 14 | D1 | CD | | 55 | MF | 2 | 0.1 | 20 | | | Chrysotile | |
| B | 15 | A41 | | NSD | | | | | | | | | |
| B | 16 | A21 | CD | 52 | 56 | F | 2.5 | 0.1 | 25 | | | Chrysotile | TAS_AHRA |
| B | 16 | A21 | CD | 53 | | MD1-0 | 4 | 0.75 | 5.3 | | | Chrysotile | TAS_AHRA |
| B | 16 | A21 | CD | | 57 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 17 | A1 | CD | 54 | | MD1-0 | 10 | 9 | 1.1 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 17 | A1 | CD | | 58 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| B | 17 | A1 | AQ | 55 | | MD1-0 | 6 | 5 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 17 | A1 | AQ | | 59 | MF | 3 | 0.8 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 17 | A1 | CD | 56 | 60 | F | 1.2 | 0.15 | 8.0 | 5857 | | Chrysotile Tilts into grid bar - Verified - KBM | TAS_AHRA |
| B | 18 | D1 | CD | 57 | 61 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 19 | D21 | CD | 58 | | MD2-0 | 15 | 9 | 1.7 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 19 | D21 | CD | | 62 | MF | 2.5 | 0.1 | 25 | | | Chrysotile | |
| B | 19 | D21 | CD | | 63 | MF | 0.6 | 0.1 | 6.0 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-1PG-100604 *Lab/Cor Sample No.:* B4771 S107 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 19 | D21 | AQ | 59 | | MD1-0 | 20 | 15 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 19 | D21 | AQ | | 64 | MF | 4.8 | 1.5 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 20 | D41 | CD | 60 | | MD2-0 | 15 | 10 | 1.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 20 | D41 | CD | | 65 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| B | 20 | D41 | CD | | 66 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| B | 20 | D41 | CD | 61 | 67 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 20 | D41 | CD | 62 | 68 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 20 | D41 | CD | 63 | 69 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 20 | D41 | CD | 64 | 70 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 20 | D41 | AQ | 65 | | MD1-0 | 19 | 14 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 20 | D41 | AQ | | 71 | MF | 4 | 0.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 21 | C40 | CD | 66 | | MD2-0 | 11 | 10 | 1.1 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 21 | C40 | CD | | 72 | MB | 4.5 | 0.35 | 13 | | | Chrysotile | |
| B | 21 | C40 | CD | | 73 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-2PG-100604 *Lab/Cor Sample No.:* B4771 S108 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | CD | 1 | | MD1-0 | 7.5 | 7.5 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 1 | B44 | CD | | 1 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 1 | B44 | CD | 2 | 2 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 1 | B44 | CD | 3 | 3 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 1 | B44 | CD | 4 | 4 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 2 | B24 | CD | 5 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 2 | B24 | CD | | 5 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 2 | B24 | CDQ | 6 | 6 | F | 1.5 | 0.1 | 15 | 1339 | 1000 | Mg, Si Chrysotile Verified - JH | TAS_AHRA |
| A | 3 | B4 | CD | 7 | 7 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 3 | B4 | CD | 8 | 8 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| A | 3 | B4 | CD | 9 | 9 | F | 1.5 | 0.1 | 15 | | | Chrysotile | TAS_AHRA |
| A | 3 | B4 | CD | 10 | | MD1-0 | 4 | 4 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 3 | B4 | CD | | 10 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 4 | C14 | CD | 11 | | MD1-0 | 3.5 | 3.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 4 | C14 | CD | | 11 | MF | 3.5 | 0.1 | 35 | | | Chrysotile | |
| A | 4 | C14 | CD | 12 | | MD1-0 | 4 | 2 | 2.0 | | | Chrysotile | TAS_AHRA |
| A | 4 | C14 | CD | | 12 | MF | 2.5 | 0.15 | 17 | | | Chrysotile | |
| A | 5 | C34 | AZQ | 13 | | MD1-1 | 10 | 5 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 5 | C34 | AZQ | | 13 | MF | 10 | 1 | 10 | 5859 | 15695 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 1 5 10 ] KM | AFB>5, PCMEF-US |
| A | 5 | C34 | CD | 14 | 14 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 5 | C34 | CD | 15 | 15 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 6 | B42 | AQ | 16 | | MD1-1 | 12 | 10 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | B42 | AQ | | 16 | MF | 9 | 1.2 | 7.5 | | | Mg, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 6 | B42 | CD | 17 | 17 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 6 | B42 | CD | 18 | | MD1-0 | 2 | 2 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 6 | B42 | CD | | 18 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| A | 6 | B42 | CD | 19 | 19 | B | 1.5 | 0.3 | 5.0 | | | Chrysotile | TAS_AHRA |
| A | 7 | B22 | CD | 20 | | MD1-0 | 3 | 3 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 7 | B22 | CD | | 20 | MF | 0.5 | 0.11 | 4.5 | | | Chrysotile | |
| A | 8 | B2 | CD | 21 | | MD1-0 | 1.8 | 0.8 | 2.2 | | | Chrysotile | TAS_AHRA |
| A | 8 | B2 | CD | | 21 | MF | 0.5 | 0.05 | 10 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-2PG-100604

*Descripiton:*

*Lab/Cor Sample No.:* B4771 S108 A1

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 8 | B2 | CD | 22 | 22 | F | 0.5 | 0.08 | 6.2 | | | Chrysotile | TAS_AHRA |
| A | 9 | C12 | CD | 23 | | MD1-0 | 1.2 | 1 | 1.2 | | | Chrysotile | TAS_AHRA |
| A | 9 | C12 | CD | | 23 | MF | 0.7 | 0.08 | 8.8 | | | Chrysotile | |
| A | 9 | C12 | CD | 24 | 24 | F | 1 | 0.08 | 12 | | | Chrysotile | TAS_AHRA |
| A | 9 | C12 | CD | 25 | | MD1-0 | 8 | 6 | 1.3 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 9 | C12 | CD | | 25 | MF | 1.2 | 0.08 | 15 | | | Chrysotile | |
| A | 10 | C32 | | NSD | | | | | | | | | |
| A | 11 | C41 | CD | 26 | 26 | F | 0.7 | 0.08 | 8.8 | | | Chrysotile | TAS_AHRA |
| A | 11 | C41 | AQ | 27 | 27 | F | 9 | 1.5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 11 | C41 | AQ | 28 | 28 | F | 1.6 | 0.22 | 7.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | B44 | | NSD | | | | | | | | | |
| B | 13 | B24 | CD | 29 | | MD1-0 | 1 | 1 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 13 | B24 | CD | | 29 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| B | 13 | B24 | CD | 30 | 30 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 13 | B24 | CD | 31 | | MD1-0 | 6 | 5 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 13 | B24 | CD | | 31 | MB | 2 | 0.15 | 13 | | | Chrysotile | |
| B | 13 | B24 | CD | 32 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 13 | B24 | CD | | 32 | MF | 2.5 | 0.1 | 25 | | | Chrysotile | |
| B | 13 | B24 | AQ | 33 | 33 | F | 4 | 0.65 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | B4 | | NSD | | | | | | | | | |
| B | 15 | C14 | CD | 34 | | MD1-0 | 4 | 2.5 | 1.6 | | | Chrysotile | TAS_AHRA |
| B | 15 | C14 | CD | | 34 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 15 | C14 | CD | 35 | 35 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 15 | C14 | AQ | 36 | | MD1-0 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 15 | C14 | AQ | | 36 | MF | 4.8 | 0.6 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 15 | C14 | AQ | 37 | | MD1-1 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 15 | C14 | AQ | | 37 | MF | 6 | 0.65 | 9.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 16 | C34 | AQ | 38 | | MD1-1 | 7.5 | 7.5 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 16 | C34 | AQ | | 38 | MF | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 16 | C34 | CD | 39 | | MD2-0 | 10 | 7.5 | 1.3 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-2PG-100604 *Lab/Cor Sample No.:* B4771 S108 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 16 | C34 | CD | | 39 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 16 | C34 | CD | | 40 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 16 | C34 | CD | 40 | | MD1-0 | 9 | 7 | 1.3 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 16 | C34 | CD | | 41 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 16 | C34 | AQ | 41 | 42 | F | 3.5 | 0.5 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 17 | C42 | CD | 42 | 43 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| B | 18 | C22 | CD | 43 | 44 | F | 0.6 | 0.1 | 6.0 | | | Chrysotile | TAS_AHRA |
| B | 18 | C22 | CD | 44 | 45 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 18 | C22 | CD | 45 | 46 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| B | 18 | C22 | CD | 46 | | MD1-0 | 1 | 0.5 | 2.0 | | | Chrysotile | TAS_AHRA |
| B | 18 | C22 | CD | | 47 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 19 | C2 | CD | 47 | | MD2-0 | 4 | 4 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 19 | C2 | CD | | 48 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 19 | C2 | CD | | 49 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| B | 19 | C2 | CD | 48 | 50 | F | 0.65 | 0.15 | 4.3 | | | Chrysotile | TAS_AHRA |
| B | 20 | B12 | | NSD | | | | | | | | | |
| B | 21 | B32 | CD | 49 | | MD1-0 | 1.5 | 1 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 21 | B32 | CD | | 51 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| B | 21 | B32 | CD | 50 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 21 | B32 | CD | | 52 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 21 | B32 | CD | 51 | 53 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 22 | B40 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3PG-100604 *Lab/Cor Sample No.:* B4771 S109 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A41 | | NSD | | | | | | | | | |
| A | 2 | A21 | CD | 1 | | MD1-0 | 2 | 2 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | | 1 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 2 | A21 | CD | 2 | 2 | F | 2.5 | 0.1 | 25 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | 3 | | MD1-0 | 2.5 | 1.5 | 1.7 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | | 3 | MF | 1.5 | 0.15 | 10 | | | Chrysotile | |
| A | 2 | A21 | CD | 4 | 4 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | 5 | 5 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | 6 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 2 | A21 | CD | | 6 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 3 | A1 | CD | 7 | 7 | F | 1.5 | 0.1 | 15 | | | Chrysotile | TAS_AHRA |
| A | 3 | A1 | CD | 8 | 8 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 3 | A1 | CD | 9 | 9 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 3 | A1 | CD | 10 | 10 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 4 | D11 | CD | 11 | 11 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 4 | D11 | CD | 12 | 12 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 4 | D11 | CD | 13 | 13 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 4 | D11 | CD | 14 | | MD1-0 | 7.5 | 7.5 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 4 | D11 | CD | | 14 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 5 | D31 | CD | 15 | | MD1-0 | 12 | 10 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | D31 | CD | | 15 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 5 | D31 | CD | 16 | 16 | F | 0.7 | 0.1 | 7.0 | | | Chrysotile | TAS_AHRA |
| A | 6 | D40 | CD | 17 | 17 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 7 | D20 | CD | 18 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 7 | D20 | CD | | 18 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 8 | B31 | CD | 19 | | MD1-0 | 14 | 12 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | B31 | CD | | 19 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| A | 8 | B31 | CD | 20 | 20 | F | 0.5 | 0.1 | 5.0 | | | Chrysotile | TAS_AHRA |
| A | 8 | B31 | CD | 21 | 21 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 8 | B31 | CD | 22 | 22 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 8 | B31 | CD | 23 | 23 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 8 | B31 | CD | 24 | 24 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3PG-100604 *Lab/Cor Sample No.:* B4771 S109 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 9 | C1 | CD | 25 | 25 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 9 | C1 | CD | 26 | 26 | F | 0.7 | 0.1 | 7.0 | | | Chrysotile | TAS_AHRA |
| A | 9 | C1 | CD | 27 | 27 | F | 0.6 | 0.1 | 6.0 | | | Chrysotile | TAS_AHRA |
| A | 9 | C1 | CD | 28 | 28 | F | 0.9 | 0.15 | 6.0 | | | Chrysotile | TAS_AHRA |
| A | 10 | C41 | CD | 29 | 29 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 10 | C41 | CD | 30 | | MD2-0 | 25 | 25 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 10 | C41 | CD | | 30 | MF | 1 | 0.15 | 6.7 | | | Chrysotile | |
| A | 10 | C41 | CD | | 31 | MF | 0.6 | 0.1 | 6.0 | | | Chrysotile | |
| A | 10 | C41 | CD | 31 | | MD1-0 | 6 | 6 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 10 | C41 | CD | | 32 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| A | 10 | C41 | CD | 32 | 33 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 10 | C41 | CD | 33 | 34 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 11 | C40 | CD | 34 | 35 | F | 0.8 | 0.1 | 8.0 | | | Chrysotile | TAS_AHRA |
| A | 11 | C40 | CD | 35 | 36 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 11 | C40 | CD | 36 | | MD1-0 | 3 | 3 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 11 | C40 | CD | | 37 | MF | 0.65 | 0.1 | 6.5 | | | Chrysotile | |
| A | 11 | C40 | CD | 37 | | MD1-0 | 7.5 | 7.5 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 11 | C40 | CD | | 38 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| A | 11 | C40 | CD | 38 | 39 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| A | 11 | C40 | CD | 39 | 40 | F | 0.65 | 0.1 | 6.5 | | | Chrysotile | TAS_AHRA |
| A | 12 | C10 | CD | 40 | 41 | F | 0.5 | 0.1 | 5.0 | | | Chrysotile | TAS_AHRA |
| B | 13 | B44 | CD | 41 | 42 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 13 | B44 | CD | 42 | | MD1-1 | 10 | 5 | 2.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 13 | B44 | CD | | 43 | MB | 5.5 | 1.2 | 4.6 | | | Chrysotile | PCMEF-US |
| B | 14 | B24 | AQ | 43 | 44 | F | 4 | 0.75 | 5.3 | | 15696 | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | B24 | CD | 44 | | MD1-0 | 2 | 2 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 14 | B24 | CD | | 45 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 14 | B24 | CD | 45 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 14 | B24 | CD | | 46 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| B | 14 | B24 | CD | 46 | | MD1-0 | 10 | 8 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 14 | B24 | CD | | 47 | MF | 1 | 0.1 | 10 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3PG-100604 *Lab/Cor Sample No.:* B4771 S109 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 14 | B24 | CD | 47 | 48 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 14 | B24 | CD | 48 | | MD1-0 | 1 | 0.75 | 1.3 | | | Chrysotile | TAS_AHRA |
| B | 14 | B24 | CD | | 49 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 14 | B24 | CD | 49 | 50 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 15 | B4 | CD | 50 | 51 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 15 | B4 | CD | 51 | 52 | B | 1.5 | 0.2 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 15 | B4 | AQ | 52 | | MD1-0 | 5 | 4 | 1.2 | | | Actinolite | TAS_AHRA |
| B | 15 | B4 | AQ | | 53 | MF | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 16 | C14 | CD | 53 | 54 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 16 | C14 | CD | 54 | | MD2-0 | 12.5 | 12.5 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 16 | C14 | CD | | 55 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 16 | C14 | CD | | 56 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 16 | C14 | CD | 55 | 57 | F | 0.6 | 0.1 | 6.0 | | | Chrysotile | TAS_AHRA |
| B | 17 | C34 | AQ | 56 | | MD1-1 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 17 | C34 | AQ | | 58 | MF | 5.5 | 0.4 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| B | 17 | C34 | CD | 57 | 59 | B | 1.2 | 0.15 | 8.0 | | | Chrysotile | TAS_AHRA |
| B | 18 | B41 | CD | 58 | | MD1-0 | 1 | 1 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 18 | B41 | CD | | 60 | MF | 0.75 | 0.1 | 7.5 | | | Chrysotile | |
| B | 18 | B41 | CD | 59 | 61 | F | 0.5 | 0.1 | 5.0 | | | Chrysotile | TAS_AHRA |
| B | 19 | B31 | CD | 60 | | MD1-0 | 1.8 | 1.8 | 1.0 | | | Chrysotile | TAS_AHRA |
| B | 19 | B31 | CD | | 62 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 19 | B31 | AZQ | 61 | | MD1-0 | 15 | 12.5 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 19 | B31 | AZQ | | 63 | MF | 1.8 | 0.5 | 3.6 | 1337 | 998 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 1 1] - JH | |
| B | 20 | B21 | AQ | 62 | | MD2-0 | 7.5 | 5 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 20 | B21 | AQ | | 64 | MF | 2 | 0.65 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 20 | B21 | AQ | | 65 | MF | 1.5 | 0.35 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 20 | B21 | AQ | 63 | | MD1-1 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 20 | B21 | AQ | | 66 | MF | 5.5 | 0.85 | 6.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 20 | B21 | CDQ | 64 | 67 | F | 1.5 | 0.1 | 15 | 1338 | 999 | Mg, Si Chrysotile Verified - JH | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-3PG-100604 *Lab/Cor Sample No.:* B4771 S109 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 21 | B11 | CD | 65 | 68 | F | 0.5 | 0.1 | 5.0 | | | Chrysotile | TAS_AHRA |
| B | 21 | B11 | CD | 66 | 69 | B | 0.75 | 0.15 | 5.0 | | | Chrysotile | TAS_AHRA |
| B | 21 | B11 | CD | 67 | 70 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 21 | B11 | CD | 68 | 71 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 22 | B1 | CD | 69 | 72 | F | 0.75 | 0.1 | 7.5 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-5PG-100604

*Descripiton:*

*Lab/Cor Sample No.:* B4771 S113 A1

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A42 | | NSD | | | | | | | | | |
| A | 2 | A22 | CD | 1 | 1 | F | 0.9 | 0.12 | 7.5 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 3 | A2 | AQ | 2 | 2 | F | 7.5 | 1.2 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 4 | B44 | CDQ | 3 | 3 | F | 1 | 0.1 | 10 | 1326 | 989 | Mg, Si Chrysotile Verified - KBM | TAS_AHRA |
| A | 4 | B44 | CD | 4 | | MD1-0 | 3.5 | 1.2 | 2.9 | | | Chrysotile | TAS_AHRA |
| A | 4 | B44 | CD | | 4 | MF | 1.2 | 0.11 | 11 | | | Chrysotile | |
| A | 5 | B24 | AZQ | 5 | 5 | F | 5.5 | 0.9 | 6.1 | 1327 | 990 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 1 1 ] - KM | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 5 | B24 | AQ | 6 | 6 | F | 3 | 0.8 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | B24 | AQ | 7 | | MD1-1 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | B24 | AQ | | 7 | MF | 6 | 1 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 6 | B4 | CD | 8 | | MD1-0 | 1.5 | 0.8 | 1.9 | | | Chrysotile | TAS_AHRA |
| A | 6 | B4 | CD | | 8 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| A | 6 | B4 | AQ | 9 | 9 | F | 5.2 | 0.25 | 21 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA |
| A | 6 | B4 | CD | 10 | | MD1-0 | 4.5 | 3.5 | 1.3 | | | Chrysotile | TAS_AHRA |
| A | 6 | B4 | CD | | 10 | MF | 1 | 0.08 | 12 | | | Chrysotile | |
| A | 6 | B4 | AQ | 11 | 11 | F | 3.5 | 0.25 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C14 | | NSD | | | | | | | | | |
| A | 8 | C34 | AQ | 12 | 12 | F | 5.5 | 0.6 | 9.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 9 | B43 | CD | 13 | 13 | F | 1 | 0.08 | 12 | | | Chrysotile | TAS_AHRA |
| A | 9 | B43 | AQ | 14 | 14 | F | 4.2 | 0.5 | 8.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 10 | B23 | CD | 15 | 15 | F | 1.5 | 0.1 | 15 | | | Chrysotile | TAS_AHRA |
| A | 10 | B23 | CD | 16 | 16 | F | 0.8 | 0.1 | 8.0 | | | Chrysotile | TAS_AHRA |
| A | 11 | B3 | | NSD | | | | | | | | | |
| A | 12 | C13 | ADQ | 17 | 17 | F | 3 | 0.2 | 15 | | | Mg, Al, Si, Ca, Fe Tremolite | TAS_AHRA |
| A | 12 | C13 | CD | 18 | 18 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 13 | C33 | | NSD | | | | | | | | | |
| B | 14 | B42 | CD | 19 | | MD1-0 | 4.5 | 2.5 | 1.8 | | | Chrysotile | TAS_AHRA |
| B | 14 | B42 | CD | | 19 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| B | 15 | B22 | CD | 20 | | MD1-0 | 1 | 0.5 | 2.0 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-H2-5PG-100604 *Lab/Cor Sample No.:* B4771 S113 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 15 | B22 | CD | | 20 | MF | 0.7 | 0.08 | 8.8 | | | Chrysotile | |
| B | 16 | B2 | AQ | 21 | 21 | F | 8 | 1.8 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 16 | B2 | AQ | 22 | | MD1-1 | 10 | 7 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 16 | B2 | AQ | | 22 | MF | 8.2 | 0.8 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 16 | B2 | AQ | 23 | 23 | F | 5.2 | 0.5 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA |
| B | 17 | C12 | AQ | 24 | 24 | F | 16 | 1.5 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 17 | C12 | AQ | 25 | 25 | F | 2.8 | 0.6 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 18 | C32 | AZQ | 26 | 26 | F | 4.5 | 0.55 | 8.2 | 1328 | 991 | Mg, Al, Si, Ca, Fe Tremolite Zone Axis [ 5 1 6 ] - KM | TAS_AHRA |
| B | 18 | C32 | CD | 27 | | MD1-0 | 4.5 | 2 | 2.2 | | | Chrysotile | TAS_AHRA |
| B | 18 | C32 | CD | | 27 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| B | 18 | C32 | CD | 28 | 28 | F | 1.2 | 0.08 | 15 | | | Chrysotile | TAS_AHRA |
| B | 18 | C32 | CD | 29 | 29 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| B | 19 | A31 | AQ | 30 | 30 | F | 9 | 1.8 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 20 | A11 | CD | 31 | 31 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| B | 20 | A11 | AQ | 32 | | MD1-1 | 18 | 10 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 20 | A11 | AQ | | 32 | MF | 9 | 0.4 | 22 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| B | 21 | D1 | | NSD | | | | | | | | | |
| B | 22 | D21 | CD | 33 | 33 | F | 1.2 | 0.08 | 15 | | | Chrysotile | TAS_AHRA |
| B | 23 | D41 | AQ | 34 | 34 | F | 4 | 0.7 | 5.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 23 | D41 | AQ | 35 | 35 | F | 4 | 0.4 | 10 | | | Mg, Al, Si, Ca, Fe Tremolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | CD | 1 | 1 | F | 0.8 | 0.05 | 16 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 2 | B24 | ADQ | 2 | 2 | F | 8 | 1.8 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 3 | B14 | | NSD | | | | | | | | | |
| A | 4 | B4 | CMQ | 3 | 3 | F | 1 | 0.1 | 10 | | | Chrysotile | TAS_AHRA |
| A | 5 | C4 | CDQ | 4 | | MD1-0 | 4 | 2 | 2.0 | | | Chrysotile | TAS_AHRA |
| A | 5 | C4 | CDQ | | 4 | MF | 1 | 0.1 | 10 | 1012 | 742 | Mg, Si Chrysotile Verified - KM | |
| A | 5 | C4 | AZQ | 5 | | MD1-0 | 4 | 3 | 1.3 | | | Actinolite | TAS_AHRA |
| A | 5 | C4 | AZQ | | 5 | MF | 2.8 | 0.4 | 7.0 | 1014 | 743 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 -1 4 ] - KM | |
| A | 5 | C4 | CD | 6 | | MD3-0 | 6 | 6 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 5 | C4 | CD | | 6 | MF | 1.5 | 0.08 | 19 | | | Chrysotile | |
| A | 5 | C4 | CD | | 7 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| A | 5 | C4 | CD | | 8 | MF | 0.6 | 0.05 | 12 | | | Chrysotile | |
| A | 5 | C4 | CD | 7 | | MD1-0 | 3 | 1 | 3.0 | | | Chrysotile | TAS_AHRA |
| A | 5 | C4 | CD | | 9 | MF | 1.2 | 0.08 | 15 | | | Chrysotile | |
| A | 5 | C4 | CD | 8 | 10 | F | 1.2 | 0.11 | 11 | | | Chrysotile | TAS_AHRA |
| A | 6 | C14 | CDQ | 9 | 11 | F | 5.5 | 0.11 | 50 | | | Mg, Si Chrysotile | AS>5, AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT, TAS_AHRA, AS>5_AHRA |
| A | 7 | C24 | ADQ | 10 | | MD1-1 | 11 | 10 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 7 | C24 | ADQ | | 12 | MF | 5.8 | 0.7 | 8.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 8 | C34 | | NSD | | | | | | | | | |
| A | 9 | C44 | ADQ | 11 | | MD1-0 | 4.5 | 1.8 | 2.5 | | | Actinolite | TAS_AHRA |
| A | 9 | C44 | ADQ | | 13 | MF | 2 | 0.38 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 10 | A41 | CD | 12 | | MD1-0 | 1.8 | 0.6 | 3.0 | | | Chrysotile | TAS_AHRA |
| A | 10 | A41 | CD | | 14 | MF | 1 | 0.08 | 12 | | | Chrysotile | |
| A | 11 | A31 | | NSD | | | | | | | | | |
| A | 12 | A21 | CD | 13 | | MD1-0 | 3.7 | 1.8 | 2.1 | | | Chrysotile | TAS_AHRA |
| A | 12 | A21 | CD | | 15 | MF | 3.5 | 0.08 | 44 | | | Chrysotile | |
| A | 13 | A11 | CD | 14 | 16 | F | 0.8 | 0.08 | 10 | | | Chrysotile | TAS_AHRA |
| A | 13 | A11 | ADQ | 15 | 17 | F | 10 | 2.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 13 | A11 | CDQ | 16 | 18 | F | 3 | 0.08 | 38 | | | Mg, Si Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 13 | A11 | ADQ | 17 | 19 | F | 8 | 1.3 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 14 | A1 | | NSD | | | | | | | | | |
| A | 15 | D11 | CD | 18 | | MD1-0 | 5 | 3 | 1.7 | | | Chrysotile | TAS_AHRA |
| A | 15 | D11 | CD | | 20 | MF | 0.8 | 0.11 | 7.3 | | | Chrysotile | |
| A | 15 | D11 | ADQ | 19 | | MD1-1 | 15 | 8 | 1.9 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 15 | D11 | ADQ | | 21 | MF | 7.5 | 1.3 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 15 | D11 | CD | 20 | | MD1-0 | 8 | 5 | 1.6 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 15 | D11 | CD | | 22 | MF | 1 | 0.08 | 12 | | | Chrysotile | |
| A | 16 | D1 | CD | 21 | | MD1-0 | 3 | 2 | 1.5 | | | Chrysotile | TAS_AHRA |
| A | 16 | D1 | CD | | 23 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| A | 17 | D1 | | NSD | | | | | | | | | |
| A | 18 | D21 | CD | 22 | | MD1-0 | 10 | 10 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 18 | D21 | CD | | 24 | MB | 2 | 0.12 | 17 | | | Chrysotile | |
| A | 18 | D21 | CMQ | 23 | | MD1-0 | 5.5 | 1.8 | 3.1 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 18 | D21 | CMQ | | 25 | MF | 4 | 0.08 | 50 | | | Mg, Si Chrysotile | |
| A | 19 | D31 | CDQ | 24 | | MD1-0 | 15 | 15 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 19 | D31 | CDQ | | 26 | MF | 4.5 | 0.1 | 45 | | | Mg, Si Chrysotile | |
| A | 19 | D31 | CDQ | 25 | 27 | F | 1.3 | 0.11 | 12 | | | Chrysotile | TAS_AHRA |
| A | 19 | D31 | AQ | 26 | | MD1-0 | 4 | 4 | 1.0 | | | Actinolite | TAS_AHRA |
| A | 19 | D31 | AQ | | 28 | MF | 2.5 | 0.35 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 20 | D41 | CDQ | 27 | | MD1-1 | 15 | 2 | 7.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 20 | D41 | CDQ | | 29 | MB | 13.5 | 0.7 | 19 | | | Mg, Si Chrysotile | AFB>5, PCMEF-US |
| A | 21 | A43 | AQ | 28 | 30 | F | 4 | 0.7 | 5.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 21 | A43 | CMQ | 29 | | MD1-0 | 1.8 | 0.7 | 2.6 | | | Chrysotile | TAS_AHRA |
| A | 21 | A43 | CMQ | | 31 | MF | 0.9 | 0.06 | 15 | | | Chrysotile | |
| A | 21 | A43 | AQ | 30 | 32 | F | 15 | 1.3 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 22 | A33 | | NSD | | | | | | | | | |
| A | 23 | A23 | AQ | 31 | 33 | F | 4 | 0.6 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 23 | A23 | CD | 32 | | MD1-0 | 5 | 2 | 2.5 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 23 | A23 | CD | | 34 | MF | 2 | 0.08 | 25 | | | Chrysotile | |
| A | 23 | A23 | AQ | 33 | 35 | F | 12 | 1.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 24 | A13 | AQ | 34 | 36 | F | 7.5 | 1.3 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 24 | A13 | CD | 35 | 37 | F | 2 | 0.08 | 25 | | | Chrysotile | TAS_AHRA |
| A | 24 | A13 | CD | 36 | 38 | F | 1 | 0.05 | 20 | | | Chrysotile | TAS_AHRA |
| A | 25 | A3 | CMQ | 37 | 39 | F | 0.8 | 0.11 | 7.3 | | | Chrysotile | TAS_AHRA |
| A | 25 | A3 | CD | 38 | | MD | 4.8 | 3 | 1.6 | | | Chrysotile | TAS_AHRA |
| A | 25 | A3 | CD | | 40 | MF | 0.8 | 0.05 | 16 | | | Chrysotile | |
| A | 26 | D3 | CD | 39 | | MD1-0 | 3.5 | 1 | 3.5 | | | Chrysotile | TAS_AHRA |
| A | 26 | D3 | CD | | 41 | MF | 1.2 | 0.08 | 15 | | | Chrysotile | |
| A | 26 | D3 | AQ | 40 | 42 | F | 8 | 1.2 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 27 | D13 | AQ | 41 | 43 | F | 4.2 | 0.8 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 27 | D13 | AQ | 42 | | MD1-0 | 5.8 | 4.8 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 27 | D13 | AQ | | 44 | MF | 3 | 0.6 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 28 | D23 | | NSD | | | | | | | | | |
| A | 29 | D33 | CD | 43 | 45 | F | 0.8 | 0.08 | 10 | | | Chrysotile | TAS_AHRA |
| A | 29 | D33 | AQ | 44 | 46 | F | 3.8 | 0.5 | 7.6 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 30 | B43 | AQ | 45 | 47 | F | 6.2 | 2 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 30 | B43 | AQ | 46 | 48 | F | 6.3 | 1.8 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 31 | B33 | AQ | 47 | 49 | F | 1.8 | 0.35 | 5.1 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 31 | B33 | CD | 48 | 50 | F | 1.8 | 0.11 | 16 | | | Chrysotile | TAS_AHRA |
| B | 31 | B33 | ADQ | 49 | 51 | F1-0 | 20 | 15 | 1.3 | | | Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 31 | B33 | ADQ | 50 | 52 | F | 1.5 | 0.38 | 3.9 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 32 | B23 | AQ | 51 | 53 | F | 2 | 0.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 32 | B23 | CD | 52 | | MD1-0 | 4.5 | 3 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 32 | B23 | CD | | 54 | MF | 1.2 | 0.13 | 9.2 | | | Chrysotile | |
| B | 33 | B32 | AQ | 53 | 55 | F | 4.8 | 1.2 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 33 | B32 | AQ | 54 | | MD1-0 | 20 | 20 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 33 | B32 | AQ | | 56 | MF | 2.8 | 0.6 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 33 | B32 | AQ | 55 | | MD1-0 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 33 | B32 | AQ | | 57 | MF | 2.2 | 0.35 | 6.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 33 | B32 | AQ | 56 | | MD1-0 | 7.5 | 3.5 | 2.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 33 | B32 | AQ | | 58 | MF | 2.6 | 0.2 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 33 | B32 | CD | 57 | 59 | F | 1.2 | 0.08 | 15 | | | Chrysotile | TAS_AHRA |
| B | 34 | B22 | AQ | 58 | 60 | F | 5.5 | 0.7 | 7.9 | | | Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 34 | B22 | CD | 59 | 61 | F | 0.5 | 0.08 | 6.2 | | | Chrysotile | TAS_AHRA |
| B | 34 | B22 | CD | 60 | 62 | F | 1 | 0.05 | 20 | | | Chrysotile | TAS_AHRA |
| B | 35 | B12 | | NSD | | | | | | | | | |
| B | 36 | B31 | AQ | 61 | 63 | F | 6 | 0.38 | 16 | | | Actinolite | AS>5, AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA |
| B | 36 | B31 | CMQ | 62 | | MD1-0 | 4 | 0.8 | 5.0 | | | Chrysotile | TAS_AHRA |
| B | 36 | B31 | CMQ | | 64 | MF | 1.2 | 0.03 | 40 | | | Chrysotile | |
| B | 36 | B31 | CD | 63 | 65 | F | 0.8 | 0.1 | 8.0 | | | Chrysotile | TAS_AHRA |
| B | 37 | B21 | | NSD | | | | | | | | | |
| B | 38 | B11 | AQ | 64 | 66 | F | 4 | 0.7 | 5.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 39 | B1 | CD | 65 | 67 | F | 1.5 | 0.05 | 30 | | | Chrysotile | TAS_AHRA |
| B | 39 | B1 | CDQ | 66 | 68 | B | 4.5 | 0.5 | 9.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 39 | B1 | CD | 67 | 69 | F | 0.5 | 0.08 | 6.2 | | | Chrysotile | TAS_AHRA |
| B | 40 | B40 | AQ | 68 | 70 | F | 1.5 | 0.4 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 41 | B30 | AD | 69 | | MD1-0 | 4 | 1.5 | 2.7 | | | Actinolite | TAS_AHRA |
| B | 41 | B30 | AD | | 71 | MF | 1.8 | 0.5 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 42 | B20 | CD | 70 | | MD1-0 | 5 | 4 | 1.2 | | | Chrysotile | TAS_AHRA |
| B | 42 | B20 | CD | | 72 | MF | 1.2 | 0.03 | 40 | | | Chrysotile | |
| B | 42 | B20 | CD | 71 | | MD1-0 | 6 | 5 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 42 | B20 | CD | | 73 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 42 | B20 | CD | 72 | | MD1-0 | 8 | 4 | 2.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 42 | B20 | CD | | 74 | MF | 0.6 | 0.11 | 5.5 | | | Chrysotile | |
| B | 43 | B10 | AQ | 73 | 75 | F | 2 | 0.38 | 5.3 | | | Actinolite | TAS_AHRA |
| B | 43 | B10 | CD | 74 | 76 | F | 1 | 0.11 | 9.1 | | | Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 43 | B10 | CD | 75 | 77 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| B | 44 | A40 | CD | 76 | 78 | F | 0.7 | 0.1 | 7.0 | | | Chrysotile | TAS_AHRA |
| B | 44 | A40 | CD | 77 | 79 | F | 0.5 | 0.05 | 10 | | | Chrysotile | TAS_AHRA |
| B | 45 | A30 | CM | 78 | 80 | F | 0.7 | 0.08 | 8.8 | | | Chrysotile tilts into grid bar | TAS_AHRA |
| B | 45 | A30 | AQ | 79 | 81 | F | 3.2 | 0.38 | 8.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 45 | A30 | ADQ | 80 | 82 | F | 2 | 0.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 45 | A30 | CD | 81 | | MD1-0 | 1.5 | 1 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 45 | A30 | CD | | 83 | MF | 0.5 | 0.1 | 5.0 | | | Chrysotile | |
| B | 45 | A30 | CD | 82 | | MD1-0 | 10 | 10 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 45 | A30 | CD | | 84 | MF | 1.5 | 0.08 | 19 | | | Chrysotile | |
| B | 45 | A30 | CD | 83 | | MD1-0 | 2.5 | 1 | 2.5 | | | Chrysotile | TAS_AHRA |
| B | 45 | A30 | CD | | 85 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| B | 46 | A20 | AQ | 84 | 86 | F | 4 | 1.2 | 3.3 | | | Actinolite | TAS_AHRA |
| B | 46 | A20 | AQ | 85 | 87 | F | 3.8 | 0.3 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 46 | A20 | AQ | 86 | 88 | F | 7 | 0.5 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA |
| B | 46 | A20 | ADQ | 87 | 89 | F | 1.5 | 0.4 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 46 | A20 | CD | 88 | 90 | F | 1.6 | 0.1 | 16 | | | Chrysotile | TAS_AHRA |
| B | 47 | A10 | AQ | 89 | | MD1-0 | 7 | 4 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 47 | A10 | AQ | | 91 | MF | 3.2 | 0.7 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 47 | A10 | CD | 90 | | MD1-0 | 13 | 10 | 1.3 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 47 | A10 | CD | | 92 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 47 | A10 | CD | 91 | | MD1-0 | 8 | 8 | 1.0 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 47 | A10 | CD | | 93 | MF | 1.2 | 0.11 | 11 | | | Chrysotile | |
| B | 48 | A41 | AQ | 92 | 94 | F | 3 | 0.38 | 7.9 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 48 | A41 | AQ | 93 | 95 | F | 1.5 | 0.4 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 48 | A41 | AQ | 94 | 96 | F | 2 | 0.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 49 | A31 | CD | 95 | | MD1-0 | 2 | 1.5 | 1.3 | | | Chrysotile | TAS_AHRA |
| B | 49 | A31 | CD | | 97 | MF | 0.8 | 0.1 | 8.0 | | | Chrysotile | |
| B | 49 | A31 | CD | 96 | | MD1-0 | 7 | 4 | 1.8 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-2CH-100604 *Lab/Cor Sample No.:* B4771 S46 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 49 | A31 | CD | | 98 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| B | 50 | A21 | AQ | 97 | 99 | F | 4 | 0.25 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 50 | A21 | CD | 98 | | MD1-0 | 4.5 | 3 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 50 | A21 | CD | | 100 | MF | 1 | 0.05 | 20 | | | Chrysotile | |
| B | 50 | A21 | CD | 99 | | MD1-0 | 2 | 1 | 2.0 | | | Chrysotile | TAS_AHRA |
| B | 50 | A21 | CD | | 101 | MF | 1 | 0.05 | 20 | | | Chrysotile | |
| B | 50 | A21 | CD | 100 | 102 | F | 0.8 | 0.1 | 8.0 | | | Chrysotile | TAS_AHRA |

NSD = No Structures Detected
PAS = Primary Asbestos Structures
TAS = Total Asbestos Structures
AS>5 = Asbestos Structures > 5um
AFB>5 = Asbestos Fibers and Bundles > 5um
PCMEF-US = PCM Equivalent Fibers-US
PCMES-US = PCM Equivalent Structures-US
PCMEF-ISO = PCM Equivalent Fibers-ISO
PCMES-ISO = PCM Equivalent Structures-ISO

CF = Cleavage Fragments
TS = Transitional Structures

PSAS 5-10 = PROTOCOL ASB STRUCS 5-10
PSAS >10 = PROTOCOL ASB STRUCS >10
PSAS TOT = PROTOCOL ASB STRUCS TOTAL
PSCH 5-10 = PROTOCOL CHRYS STRUCS 5-10
PSCH >10 = PROTOCOL CHRYS STRUCS >10
PSCH TOT = PROTOCOL CHRYS STRUCS TOTAL
PSAM 5-10 = PROTOCOL AMPH STRUCS 5-10
PSAM >10 = PROTOCOL AMPH STRUCS >10
PSAM TOT = PROTOCOL AMPH STRUCS TOTAL

PChS = Primary Chrysotile Structures
PAmS = Primary Amphibole Structures

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

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1NA-100604 *Lab/Cor Sample No.:* B4771 S114 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A34 | | NSD | | | | | | | | | |
| A | 2 | A14 | | NSD | | | | | | | | | |
| A | 3 | D4 | AQ | 1 | 1 | F | 2.6 | 0.5 | 5.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | D4 | AQ | 2 | | MD1-1 | 14 | 7 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | D4 | AQ | | 2 | MF | 14 | 2.5 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | D24 | CDQ | 3 | 3 | F | 1.2 | 0.05 | 24 | 1331 | 994 | Mg, Si Chrysotile Verified - KM | TAS_AHRA |
| A | 5 | D44 | AZQ | 4 | 4 | F | 3.5 | 0.4 | 8.8 | 1332 | 995 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 2 0 5] - JH | TAS_AHRA |
| A | 6 | D42 | CD | 5 | | MD1-0 | 6 | 4.8 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 6 | D42 | CD | | 5 | MB | 4.5 | 0.15 | 30 | | | Chrysotile | |
| A | 7 | D22 | | NSD | | | | | | | | | |
| A | 8 | D2 | | NSD | | | | | | | | | |
| A | 9 | A12 | | NSD | | | | | | | | | |
| A | 10 | A32 | | NSD | | | | | | | | | |
| A | 11 | A31 | | NSD | | | | | | | | | |
| A | 12 | A11 | | NSD | | | | | | | | | |
| A | 13 | D10 | CD | 6 | 6 | F | 1 | 0.05 | 20 | | | Chrysotile | TAS_AHRA |
| A | 14 | D30 | | NSD | | | | | | | | | |
| A | 15 | C41 | | NSD | | | | | | | | | |
| A | 16 | C21 | | NSD | | | | | | | | | |
| A | 17 | C1 | | NSD | | | | | | | | | |
| A | 18 | B11 | AQ | 7 | 7 | F | 10 | 2 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 19 | B31 | | NSD | | | | | | | | | |
| A | 20 | B23 | CDQ | 8 | 8 | F | 1 | 0.05 | 20 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 20 | B23 | AQ | 9 | 9 | F | 2.8 | 0.4 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 21 | B3 | AQ | 10 | | MD1-0 | 8.5 | 6 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 21 | B3 | AQ | | 10 | MF | 3.8 | 0.8 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 22 | C13 | AQ | 11 | 11 | F | 5.5 | 0.8 | 6.9 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 22 | C13 | AQ | 12 | | MD1-0 | 4.5 | 4 | 1.1 | | | Actinolite | TAS_AHRA |
| A | 22 | C13 | AQ | | 12 | MF | 3.8 | 0.55 | 6.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 23 | C33 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1NA-100604 *Lab/Cor Sample No.:* B4771 S114 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 24 | B24 | | NSD | | | | | | | | | |
| A | 25 | B4 | AQ | 13 | 13 | F | 5.3 | 1.2 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 26 | C14 | | NSD | | | | | | | | | |
| A | 27 | C24 | CD | 14 | | MD1-0 | 3.5 | 1.2 | 2.9 | | | Chrysotile | TAS_AHRA |
| A | 27 | C24 | CD | | 14 | MF | 1.2 | 0.08 | 15 | | | Chrysotile | |
| A | 27 | C24 | AQ | 15 | 15 | F | 6.2 | 0.8 | 7.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 28 | C34 | | NSD | | | | | | | | | |
| A | 29 | B30 | | NSD | | | | | | | | | |
| A | 30 | B10 | | NSD | | | | | | | | | |
| B | 31 | A34 | | NSD | | | | | | | | | |
| B | 32 | A14 | CD | 16 | 16 | F | 0.6 | 0.08 | 7.5 | | | Chrysotile | TAS_AHRA |
| B | 32 | A14 | AQ | 17 | 17 | F | 19 | 2 | 9.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 33 | D4 | | NSD | | | | | | | | | |
| B | 34 | D24 | | NSD | | | | | | | | | |
| B | 35 | D44 | | NSD | | | | | | | | | |
| B | 36 | A43 | | NSD | | | | | | | | | |
| B | 37 | A23 | | NSD | | | | | | | | | |
| B | 38 | A3 | AQ | 18 | 18 | F | 3.2 | 0.8 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 39 | D13 | AQ | 19 | | MD1-1 | 15 | 10 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 39 | D13 | AQ | | 19 | MF | 13 | 2.5 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 40 | D33 | | NSD | | | | | | | | | |
| B | 41 | A32 | | NSD | | | | | | | | | |
| B | 42 | A12 | | NSD | | | | | | | | | |
| B | 43 | D2 | AQ | 20 | 20 | F | 5 | 1 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 44 | D22 | CD | 21 | 21 | F | 0.8 | 0.08 | 10 | | | Chrysotile | TAS_AHRA |
| B | 45 | D42 | AQ | 22 | 22 | F | 3.2 | 0.5 | 6.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 46 | A41 | | NSD | | | | | | | | | |
| B | 47 | A21 | | NSD | | | | | | | | | |
| B | 48 | A1 | | NSD | | | | | | | | | |
| B | 49 | D11 | AQ | 23 | 23 | F | 1.5 | 0.35 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 49 | D11 | AQ | 24 | 24 | F | 2 | 0.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1NA-100604 *Lab/Cor Sample No.:* B4771 S114 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 50 | D31 | AQ | 25 | 25 | F | 6 | 1.2 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 51 | B41 | CD | 26 | 26 | F | 1 | 0.08 | 12 | | | Chrysotile | TAS_AHRA |
| B | 52 | B21 | CD | 27 | 27 | F | 1.5 | 0.08 | 19 | | | Chrysotile | TAS_AHRA |
| B | 53 | B1 | | NSD | | | | | | | | | |
| B | 54 | C11 | | NSD | | | | | | | | | |
| B | 55 | C31 | AQ | 28 | 28 | F | 4.9 | 0.8 | 6.1 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 56 | C42 | | NSD | | | | | | | | | |
| B | 57 | C22 | CD | 29 | 29 | F | 0.8 | 0.08 | 10 | | | Chrysotile | TAS_AHRA |
| B | 57 | C22 | AQ | 30 | 30 | F | 3 | 0.25 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 57 | C22 | AQ | 31 | | MD1-1 | 5.5 | 5 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 57 | C22 | AQ | | 31 | MF | 5.3 | 1.2 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 58 | C2 | | NSD | | | | | | | | | |
| B | 59 | B12 | AQ | 32 | | MD1-1 | 8.5 | 5 | 1.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 59 | B12 | AQ | | 32 | MF | 6 | 1.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| C | 60 | A44 | | NSD | | | | | | | | | |
| C | 61 | A24 | | NSD | | | | | | | | | |
| C | 62 | A4 | AQ | 33 | 33 | F | 3.8 | 0.6 | 6.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 62 | A4 | AQ | 34 | 34 | F | 5.1 | 0.8 | 6.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| C | 63 | D3 | AQ | 35 | 35 | F | 5.2 | 1.5 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| C | 64 | A13 | | NSD | | | | | | | | | |
| C | 65 | A33 | | NSD | | | | | | | | | |
| C | 66 | A43 | AQ | 36 | | MD1-0 | 14 | 5 | 2.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| C | 66 | A43 | AQ | | 36 | MF | 4.3 | 1.1 | 3.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 66 | A43 | AQ | 37 | 37 | F | 3.8 | 0.7 | 5.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 67 | A42 | | NSD | | | | | | | | | |
| C | 68 | A22 | | NSD | | | | | | | | | |
| C | 69 | D12 | AQ | 38 | 38 | F | 1.5 | 0.45 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 70 | A2 | | NSD | | | | | | | | | |
| C | 71 | A41 | | NSD | | | | | | | | | |
| C | 72 | A31 | AQ | 39 | | MD1-0 | 4.5 | 4 | 1.1 | | | Actinolite | TAS_AHRA |
| C | 72 | A31 | AQ | | 39 | MF | 4.5 | 0.4 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1NA-100604 *Lab/Cor Sample No.:* B4771 S114 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 73 | A11 | CD | 40 | 40 | F | 0.8 | 0.1 | 8.0 | | | Chrysotile | TAS_AHRA |
| C | 73 | A11 | CD | 41 | | MD1-0 | 1.5 | 0.8 | 1.9 | | | Chrysotile | TAS_AHRA |
| C | 73 | A11 | CD | | 41 | MF | 1 | 0.08 | 12 | | | Chrysotile | |
| C | 73 | A11 | AQ | 42 | | MD1-1 | 5.5 | 1.2 | 4.6 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 73 | A11 | AQ | | 42 | MF | 5.2 | 0.5 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| C | 74 | D1 | | NSD | | | | | | | | | |
| C | 75 | B41 | AQ | 43 | 43 | F | 2.8 | 0.6 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 76 | B21 | CD | 44 | | MD1-0 | 4.5 | 1.2 | 3.7 | | | Chrysotile | TAS_AHRA |
| C | 76 | B21 | CD | | 44 | MF | 2.2 | 0.08 | 28 | | | Chrysotile | |
| C | 77 | B1 | AQ | 45 | | MD1-0 | 6 | 2.5 | 2.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 77 | B1 | AQ | | 45 | MF | 3.5 | 0.35 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 77 | B1 | CD | 46 | 46 | F | 0.8 | 0.05 | 16 | | | Chrysotile | TAS_AHRA |
| C | 77 | B1 | AQ | 47 | 47 | F | 3 | 0.4 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 78 | B42 | AQ | 48 | | MD1-1 | 14 | 8 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| C | 78 | B42 | AQ | | 48 | MF | 7 | 2.2 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| C | 79 | B32 | CD | 49 | | MD1-0 | 5.8 | 5 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 79 | B32 | CD | | 49 | MB | 1.5 | 0.15 | 10 | | | Chrysotile | |
| C | 80 | B12 | | NSD | | | | | | | | | |
| C | 81 | B23 | AQ | 50 | 50 | F | 4 | 0.8 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 82 | B13 | CD | 51 | | MD1-0 | 3.5 | 2.5 | 1.4 | | | Chrysotile | TAS_AHRA |
| C | 82 | B13 | CD | | 51 | MF | 1.5 | 0.1 | 15 | | | Chrysotile | |
| C | 83 | B3 | | NSD | | | | | | | | | |
| C | 84 | B44 | AQ | 52 | 52 | F | 2.5 | 0.6 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 85 | B24 | AQ | 53 | 53 | F | 4.5 | 0.8 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 86 | B4 | | NSD | | | | | | | | | |
| C | 87 | A30 | AQ | 54 | 54 | F | 6.2 | 1.2 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| C | 88 | A10 | AQ | 55 | 55 | F | 4.5 | 0.6 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1ZB-100604 *Lab/Cor Sample No.:* B4771 S115 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B34 | | NSD | | | | | | | | | |
| A | 3 | B24 | | NSD | | | | | | | | | |
| A | 4 | B14 | | NSD | | | | | | | | | |
| A | 5 | B4 | | NSD | | | | | | | | | |
| A | 6 | C4 | | NSD | | | | | | | | | |
| A | 7 | C14 | | NSD | | | | | | | | | |
| A | 8 | C24 | | NSD | | | | | | | | | |
| A | 9 | C34 | | NSD | | | | | | | | | |
| A | 10 | C44 | | NSD | | | | | | | | | |
| A | 11 | B42 | | NSD | | | | | | | | | |
| A | 12 | B32 | | NSD | | | | | | | | | |
| A | 13 | B22 | | NSD | | | | | | | | | |
| A | 14 | B12 | | NSD | | | | | | | | | |
| A | 15 | B2 | | NSD | | | | | | | | | |
| A | 16 | C2 | | NSD | | | | | | | | | |
| A | 17 | C12 | | NSD | | | | | | | | | |
| A | 18 | C22 | | NSD | | | | | | | | | |
| A | 19 | C32 | | NSD | | | | | | | | | |
| A | 20 | C42 | | NSD | | | | | | | | | |
| A | 21 | A41 | | NSD | | | | | | | | | |
| A | 22 | A31 | | NSD | | | | | | | | | |
| A | 23 | A21 | | NSD | | | | | | | | | |
| A | 24 | A11 | | NSD | | | | | | | | | |
| A | 25 | A1 | | NSD | | | | | | | | | |
| A | 26 | D1 | | NSD | | | | | | | | | |
| A | 27 | D11 | | NSD | | | | | | | | | |
| A | 28 | D21 | | NSD | | | | | | | | | |
| A | 29 | D31 | | NSD | | | | | | | | | |
| A | 30 | D41 | | NSD | | | | | | | | | |
| B | 31 | B44 | | NSD | | | | | | | | | |
| B | 32 | B34 | | NSD | | | | | | | | | |
| B | 33 | B24 | | NSD | | | | | | | | | |
| B | 34 | B14 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1ZB-100604 *Lab/Cor Sample No.:* B4771 S115 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 35 | B4 | | NSD | | | | | | | | | |
| B | 36 | C4 | | NSD | | | | | | | | | |
| B | 37 | C14 | | NSD | | | | | | | | | |
| B | 38 | C24 | | NSD | | | | | | | | | |
| B | 39 | C34 | | NSD | | | | | | | | | |
| B | 40 | C44 | | NSD | | | | | | | | | |
| B | 41 | B42 | | NSD | | | | | | | | | |
| B | 42 | B32 | | NSD | | | | | | | | | |
| B | 43 | B22 | | NSD | | | | | | | | | |
| B | 44 | B12 | | NSD | | | | | | | | | |
| B | 45 | B2 | | NSD | | | | | | | | | |
| B | 46 | C2 | | NSD | | | | | | | | | |
| B | 47 | C12 | | NSD | | | | | | | | | |
| B | 48 | C22 | | NSD | | | | | | | | | |
| B | 49 | C32 | | NSD | | | | | | | | | |
| B | 50 | C42 | | NSD | | | | | | | | | |
| B | 51 | A41 | | NSD | | | | | | | | | |
| B | 52 | A31 | | NSD | | | | | | | | | |
| B | 53 | A21 | | NSD | | | | | | | | | |
| B | 54 | A11 | | NSD | | | | | | | | | |
| B | 55 | A1 | | NSD | | | | | | | | | |
| B | 56 | D1 | | NSD | | | | | | | | | |
| B | 57 | D11 | | NSD | | | | | | | | | |
| B | 58 | D21 | | NSD | | | | | | | | | |
| B | 59 | D31 | | NSD | | | | | | | | | |
| B | 60 | D41 | | NSD | | | | | | | | | |
| C | 61 | A43 | | NSD | | | | | | | | | |
| C | 62 | A33 | | NSD | | | | | | | | | |
| C | 63 | A23 | | NSD | | | | | | | | | |
| C | 64 | A13 | | NSD | | | | | | | | | |
| C | 65 | A3 | | NSD | | | | | | | | | |
| C | 66 | D3 | | NSD | | | | | | | | | |
| C | 67 | D13 | | NSD | | | | | | | | | |
| C | 68 | D23 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R7

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2-FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SFBC-L2-1ZB-100604 *Lab/Cor Sample No.:* B4771 S115 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 69 | D33 | | NSD | | | | | | | | | |
| C | 70 | D43 | | NSD | | | | | | | | | |
| C | 71 | A41 | | NSD | | | | | | | | | |
| C | 72 | A31 | | NSD | | | | | | | | | |
| C | 73 | A21 | | NSD | | | | | | | | | |
| C | 74 | A11 | | NSD | | | | | | | | | |
| C | 75 | A1 | | NSD | | | | | | | | | |
| C | 76 | D1 | | NSD | | | | | | | | | |
| C | 77 | D11 | | NSD | | | | | | | | | |
| C | 78 | D21 | | NSD | | | | | | | | | |
| C | 79 | D31 | | NSD | | | | | | | | | |
| C | 80 | D41 | | NSD | | | | | | | | | |
| C | 81 | B31 | | NSD | | | | | | | | | |
| C | 82 | B21 | | NSD | | | | | | | | | |
| C | 83 | B11 | | NSD | | | | | | | | | |
| C | 84 | B1 | | NSD | | | | | | | | | |
| C | 85 | C1 | | NSD | | | | | | | | | |
| C | 86 | C11 | | NSD | | | | | | | | | |
| C | 87 | C21 | | NSD | | | | | | | | | |
| C | 88 | C31 | | NSD | | | | | | | | | |

NSD = No Structures Detected
PAS = Primary Asbestos Structures
TAS = Total Asbestos Structures
AS>5 = Asbestos Structures > 5um
AFB>5 = Asbestos Fibers and Bundles > 5um
PCMEF-US = PCM Equivalent Fibers-US
PCMES-US = PCM Equivalent Structures-US
PCMEF-ISO = PCM Equivalent Fibers-ISO
PCMES-ISO = PCM Equivalent Structures-ISO

CF = Cleavage Fragments
TS = Transitional Structures

PSAS 5-10 = PROTOCOL ASB STRUCS 5-10
PSAS >10 = PROTOCOL ASB STRUCS >10
PSAS TOT = PROTOCOL ASB STRUCS TOTAL
PSCH 5-10 = PROTOCOL CHRYS STRUCS 5-10
PSCH >10 = PROTOCOL CHRYS STRUCS >10
PSCH TOT = PROTOCOL CHRYS STRUCS TOTAL
PSAM 5-10 = PROTOCOL AMPH STRUCS 5-10
PSAM >10 = PROTOCOL AMPH STRUCS >10
PSAM TOT = PROTOCOL AMPH STRUCS TOTAL

PChS = Primary Chrysotile Structures
PAmS = Primary Amphibole Structures

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

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CA-100604 *Lab/Cor Sample No.:* B4771 S10 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | | NSD | | | | | | | | | |
| A | 2 | B23 | CDQ | 1 | 1 | F | 1.2 | 0.11 | 11 | 5270 | 15189 | Mg, Si Chrysotile Confirmed - KM | TAS_AHRA |
| A | 3 | B3 | CM | 2 | 2 | F | 1.2 | 0.1 | 12 | | | Chrysotile | TAS_AHRA |
| A | 4 | C13 | CD | 3 | | MD1-0 | 1 | 1 | 1.0 | | | Chrysotile | TAS_AHRA |
| A | 4 | C13 | CD | | 3 | MF | 0.6 | 0.1 | 6.0 | | | Chrysotile | |
| A | 5 | B1 | CM | 4 | | MD1-0 | 3.8 | 1 | 3.8 | | | Chrysotile | TAS_AHRA |
| A | 5 | B1 | CM | | 4 | MF | 3.5 | 0.1 | 35 | | | Chrysotile | |
| A | 6 | C11 | | NSD | | | | | | | | | |
| A | 7 | C31 | | NSD | | | | | | | | | |
| A | 8 | C33 | | NSD | | | | | | | | | |
| A | 9 | C4 | | NSD | | | | | | | | | |
| A | 10 | C24 | CD | 5 | | MD1-0 | 2.5 | 1.2 | 2.1 | | | Chrysotile | TAS_AHRA |
| A | 10 | C24 | CD | | 5 | MF | 1.5 | 0.1 | 15 | | | Mg, Si Chrysotile | |
| A | 11 | C34 | CD | 6 | 6 | F | 1.6 | 0.08 | 20 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 11 | C34 | CD | 7 | 7 | F | 0.8 | 0.08 | 10 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 12 | C42 | | NSD | | | | | | | | | |
| A | 13 | B32 | | NSD | | | | | | | | | |
| A | 14 | B12 | | NSD | | | | | | | | | |
| A | 15 | B2 | | NSD | | | | | | | | | |
| B | 16 | B4 | | NSD | | | | | | | | | |
| B | 17 | C34 | | NSD | | | | | | | | | |
| B | 18 | C44 | ADQ | 8 | 8 | F | 5 | 1.5 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 18 | C44 | CM | 9 | 9 | F | 0.9 | 0.1 | 9.0 | | | Chrysotile | TAS_AHRA |
| B | 19 | B13 | CD | 10 | | MD1-0 | 1.2 | 0.6 | 2.0 | | | Chrysotile | TAS_AHRA |
| B | 19 | B13 | CD | | 10 | MF | 0.6 | 0.1 | 6.0 | | | Chrysotile | |
| B | 20 | C3 | | NSD | | | | | | | | | |
| B | 21 | C13 | CDQ | 11 | 11 | F | 1.89 | 0.1 | 19 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 21 | C13 | AZQ | 12 | 12 | F | 4 | 0.4 | 10 | 5271 | 15191 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 0 1 ] - KM | TAS_AHRA |
| B | 22 | C33 | ADQ | 13 | 13 | F | 4.2 | 1 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 22 | C33 | ADQ | 14 | 14 | F | 1.2 | 0.2 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 22 | C33 | ADQ | 15 | 15 | F | 5.2 | 1 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| B | 23 | C43 | | NSD | | | | | | | | | |
| B | 24 | B2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CA-100604 *Lab/Cor Sample No.:* B4771 S10 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 25 | C2 | ADQ | 16 | | MD1-0 | 10 | 4.5 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 25 | C2 | ADQ | | 16 | MF | 4 | 0.4 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 26 | C12 | | NSD | | | | | | | | | |
| B | 27 | C22 | ADQ | 17 | 17 | F | 4.8 | 0.6 | 8.0 | | | Actinolite | TAS_AHRA |
| B | 27 | C22 | CMQ | 18 | | MD1-0 | 5 | 3.8 | 1.3 | | | Chrysotile | TAS_AHRA |
| B | 27 | C22 | CMQ | | 18 | MF | 2.7 | 0.1 | 27 | | | Chrysotile | |
| B | 27 | C22 | CD | 19 | 19 | F | 2.7 | 0.08 | 34 | | | Chrysotile | TAS_AHRA |
| B | 27 | C22 | CDQ | 20 | 20 | F | 1.8 | 0.11 | 16 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 28 | C32 | ADQ | 21 | 21 | F | 4 | 0.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 28 | C32 | CM | 22 | 22 | F | 0.9 | 0.1 | 9.0 | | | Chrysotile | TAS_AHRA |
| B | 29 | C42 | CD | 23 | 23 | F | 4.2 | 0.11 | 38 | | | Chrysotile | TAS_AHRA |
| B | 30 | C21 | CM | 24 | | MD1-0 | 1.5 | 1 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 30 | C21 | CM | | 24 | MF | 0.8 | 0.11 | 7.3 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CA-100604 *Lab/Cor Sample No.:* B4763 S20 A1

*Descripiton:* Replicate Analysis of 041188-10 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | AQ | 1 | 1 | F | 7.5 | 1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B34 | | NSD | | | | | | | | | |
| A | 3 | B24 | CD | 2 | 2 | F | 0.8 | 0.12 | 6.7 | | | Mg, Si Chrysotile | |
| A | 3 | B24 | ADQ | 3 | | MD1-0 | 7 | 3.5 | 2.0 | | | Actinolite | |
| A | 3 | B24 | ADQ | | 3 | MF | 2 | 0.38 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B14 | CD | 4 | | MD1-0 | 3.5 | 1.2 | 2.9 | | | Chrysotile | |
| A | 4 | B14 | CD | | 4 | MF | 0.8 | 0.05 | 16 | | | Mg, Si Chrysotile | |
| A | 5 | B4 | | NSD | | | | | | | | | |
| A | 6 | B43 | CD | 5 | 5 | B | 8 | 1 | 8.0 | | | Mg, Si Chrysotile | |
| A | 7 | B33 | | NSD | | | | | | | | | |
| A | 8 | B23 | | NSD | | | | | | | | | |
| A | 9 | B13 | AQ | 6 | | MD1-0 | 4.8 | 3.8 | 1.3 | | | Actinolite | |
| A | 9 | B13 | AQ | | 6 | MF | 3.8 | 0.55 | 6.9 | | | Mg, Si Actinolite | |
| A | 10 | B3 | | NSD | | | | | | | | | |
| A | 11 | B42 | | NSD | | | | | | | | | |
| A | 12 | B32 | | NSD | | | | | | | | | |
| A | 13 | B22 | CD | 7 | | MD1-0 | 3 | 1.2 | 2.5 | | | Chrysotile | |
| A | 13 | B22 | CD | | 7 | MF | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| A | 13 | B22 | AQ | 8 | 8 | F | 4 | 0.8 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 14 | B12 | | NSD | | | | | | | | | |
| A | 15 | B2 | | NSD | | | | | | | | | |
| B | 16 | B43 | | NSD | | | | | | | | | |
| B | 17 | B23 | | NSD | | | | | | | | | |
| B | 18 | B3 | | NSD | | | | | | | | | |
| B | 19 | C13 | | NSD | | | | | | | | | |
| B | 20 | C33 | | NSD | | | | | | | | | |
| B | 21 | B32 | | NSD | | | | | | | | | |
| B | 22 | B12 | | NSD | | | | | | | | | |
| B | 23 | C2 | AQ | 9 | 9 | F | 8 | 1.3 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 23 | C2 | CD | 10 | | MD1-0 | 4 | 3.8 | 1.1 | | | Chrysotile | |
| B | 23 | C2 | CD | | 10 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 24 | C22 | | NSD | | | | | | | | | |
| B | 25 | C32 | | NSD | | | | | | | | | |
| B | 26 | B31 | AQ | 11 | 11 | F | 8 | 1 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Lab/Cor Sample No.:* B4763 S20 A1

*Sample No.:* CC5-L6-1CA-100604

*Descripiton:* Replicate Analysis of 041188-10 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 26 | B31 | AQ | 12 | 12 | F | 4 | 0.8 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 26 | B31 | AQ | 13 | 13 | F | 7 | 0.6 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 27 | B11 | CD | 14 | 14 | F | 1.1 | 0.1 | 11 | | | Chrysotile | |
| B | 28 | C1 | AQ | 15 | | MD1-0 | 6 | 3 | 2.0 | | | Actinolite | |
| B | 28 | C1 | AQ | | 15 | MF | 4 | 0.4 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 29 | C21 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CA-100604 *Lab/Cor Sample No.:* B4763 S21 A1

*Descripiton:* Duplicate Analysis of 041188-10 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 1 | A42 | | NSD | | | | | | | | | |
| C | 2 | A41 | AQ | 1 | | MD1-0 | 30 | 15 | 2.0 | | | Actinolite | |
| C | 2 | A41 | AQ | | 1 | MF | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 3 | A40 | | NSD | | | | | | | | | |
| C | 4 | B40 | AQ | 2 | | MD1-1 | 50 | 35 | 1.4 | | | Actinolite | |
| C | 4 | B40 | AQ | | 2 | MF | 5.5 | 0.5 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 5 | B41 | | NSD | | | | | | | | | |
| C | 6 | B42 | | NSD | | | | | | | | | |
| C | 7 | B43 | | NSD | | | | | | | | | |
| C | 8 | B44 | | NSD | | | | | | | | | |
| C | 9 | B32 | | NSD | | | | | | | | | |
| C | 10 | B31 | | NSD | | | | | | | | | |
| C | 11 | B30 | AQ | 3 | | MD1-1 | 50 | 30 | 1.7 | | | Actinolite | |
| C | 11 | B30 | AQ | | 3 | MF | 13 | 2.5 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 12 | A32 | AQ | 4 | | MD1-0 | 5 | 4 | 1.2 | | | Actinolite | |
| C | 12 | A32 | AQ | | 4 | MF | 3 | 0.85 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 13 | A30 | | NSD | | | | | | | | | |
| C | 14 | A31 | | NSD | | | | | | | | | |
| C | 15 | A33 | | NSD | | | | | | | | | |
| C | 16 | A22 | | NSD | | | | | | | | | |
| C | 17 | A21 | | NSD | | | | | | | | | |
| C | 18 | A20 | | NSD | | | | | | | | | |
| C | 19 | B20 | AQ | 5 | | MD1-1 | 12 | 12 | 1.0 | | | Actinolite | |
| C | 19 | B20 | AQ | | 5 | MF | 6.5 | 2 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 20 | B21 | | NSD | | | | | | | | | |
| D | 21 | A42 | CMQ | 6 | 6 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| D | 21 | A42 | AQ | 7 | 7 | F | 2.5 | 0.7 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| D | 22 | A32 | CMQ | 8 | 8 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| D | 22 | A32 | CMQ | 9 | 9 | F | 1.2 | 0.1 | 12 | | | Mg, Si Chrysotile | |
| D | 23 | A22 | | NSD | | | | | | | | | |
| D | 24 | A12 | CMQ | 10 | 10 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| D | 25 | A2 | CMQ | 11 | 11 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| D | 25 | A2 | CMQ | 12 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Chrysotile | |
| D | 25 | A2 | CMQ | | 12 | MB | 1 | 0.3 | 3.3 | | | Mg, Si Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041176R1

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0001- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Lab/Cor Sample No.:* B4763 S21 A1

*Sample No.:* CC5-L6-1CA-100604

*Descripiton:* Duplicate Analysis of 041188-10 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | 25 | A2 | CMQ | 13 | | MD1-0 | 1.5 | 0.85 | 1.8 | | | Chrysotile | |
| D | 25 | A2 | CMQ | | 13 | MF | 1.5 | 0.1 | 15 | | | Mg, Si Chrysotile | |
| D | 26 | D12 | | NSD | | | | | | | | | |
| D | 27 | D22 | AQ | 14 | | MD1-1 | 30 | 30 | 1.0 | | | Actinolite | |
| D | 27 | D22 | AQ | | 14 | MF | 6 | 0.75 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| D | 27 | D22 | AQ | 15 | 15 | F | 2.5 | 0.6 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| D | 28 | D32 | AQ | 16 | 16 | F | 4 | 0.75 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| D | 29 | D42 | | NSD | | | | | | | | | |
| D | 30 | D41 | CMQ | 17 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | |
| D | 30 | D41 | CMQ | | 17 | MF | 2 | 0.1 | 20 | | | Mg, Si Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CB-100604 *Lab/Cor Sample No.:* B4771 S11 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B24 | | NSD | | | | | | | | | |
| A | 2 | B14 | | NSD | | | | | | | | | |
| A | 3 | C4 | CDQ | 1 | | MD1-0 | 1.5 | 0.8 | 1.9 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 3 | C4 | CDQ | | 1 | MF | 0.8 | 0.08 | 10 | 5272 | | Mg, Si Chrysotile Confirmed - KM | |
| A | 4 | C24 | CDQ | 2 | 2 | F | 1.5 | 0.15 | 10 | 5273 | 15192 | Chrysotile Confirmed - KM | TAS_AHRA |
| A | 5 | C44 | | NSD | | | | | | | | | |
| A | 6 | B23 | | NSD | | | | | | | | | |
| A | 7 | B13 | AZQ | 3 | 3 | F | 4 | 1 | 4.0 | 5274 | 15194 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 2 0 5 ] - KM | TAS_AHRA |
| A | 7 | B13 | | NSD | | | | | | | | | |
| A | 8 | A1 | CDQ | 4 | | MD1-0 | 3.5 | 2.5 | 1.4 | | | Chrysotile | TAS_AHRA |
| A | 8 | A1 | CDQ | | 4 | MB | 2.5 | 0.15 | 17 | | | Mg, Si Chrysotile | |
| A | 8 | A1 | ADQ | 5 | 5 | F | 6.5 | 2 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| A | 8 | A1 | AZQ | 6 | 6 | F | 2 | 0.25 | 8.0 | 5275 | | Mg, Si, Ca, Fe Actinolite Zone Axis [ 3 -1 1 ] - KM | TAS_AHRA |
| A | 9 | A21 | CDQ | 7 | 7 | F | 0.6 | 0.05 | 12 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 9 | A21 | CD | 8 | | MD1-0 | 16 | 8 | 2.0 | | | Chrysotile fiber tilts behind matrix | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 9 | A21 | CD | | 8 | MF | 5 | 0.05 | 100 | | | Chrysotile | |
| A | 9 | A21 | CMQ | 9 | | MD1-0 | 2.1 | 0.3 | 7.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 9 | A21 | CMQ | | 9 | MF | 1.5 | 0.07 | 21 | | | Chrysotile | |
| A | 9 | A21 | ADQ | 10 | | MD1-0 | 10 | 2.5 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 9 | A21 | ADQ | | 10 | MF | 3 | 0.4 | 7.5 | | | Actinolite | |
| A | 10 | C11 | CMQ | 11 | | MD1-0 | 2 | 1 | 2.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 10 | C11 | CMQ | | 11 | MF | 1.5 | 0.05 | 30 | | | Chrysotile | |
| A | 10 | C11 | CMQ | 12 | | MD1-0 | 4.5 | 1 | 4.5 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 10 | C11 | CMQ | | 12 | MF | 3 | 0.07 | 43 | | | Chrysotile | |
| A | 10 | C11 | CMQ | 13 | | MD1-0 | 2 | 1.25 | 1.6 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 10 | C11 | CMQ | | 13 | MF | 0.75 | 0.05 | 15 | | | Chrysotile | |
| A | 10 | C11 | CMQ | 14 | | MD1-1 | 7 | 3 | 2.3 | | | Mg, Si Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| A | 10 | C11 | CMQ | | 14 | MF | 7 | 0.05 | 140 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| A | 10 | C11 | CMQ | 15 | | MD1-0 | 3.5 | 2.75 | 1.3 | | | Mg, Si Chrysotile | TAS_AHRA |
| A | 10 | C11 | CMQ | | 15 | MF | 1.6 | 0.05 | 32 | | | Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CB-100604 *Lab/Cor Sample No.:* B4771 S11 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 10 | C11 | ADQ | 16 | 16 | F | 2 | 0.5 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | A10 | CMQ | 17 | | MD1-0 | 1.5 | 1 | 1.5 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 11 | A10 | CMQ | | 17 | MF | 1.5 | 0.05 | 30 | | | Chrysotile | |
| B | 11 | A10 | CDQ | 18 | | MD2-0 | 2 | 2 | 1.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 11 | A10 | CDQ | | 18 | MF | 2 | 0.05 | 40 | | | Chrysotile | |
| B | 11 | A10 | CDQ | | 19 | MF | 1.15 | 0.05 | 23 | | | Chrysotile | |
| B | 11 | A10 | ADQ | 19 | 20 | F | 11.5 | 1.4 | 8.2 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 11 | A10 | ADQ | 20 | 21 | F | 2.75 | 0.35 | 7.9 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | B21 | ADQ | 21 | | MD1-0 | 2 | 0.75 | 2.7 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | B21 | ADQ | | 22 | MF | 2 | 0.5 | 4.0 | | | Actinolite | |
| B | 13 | B44 | | NSD | | | | | | | | | |
| B | 14 | B4 | CMQ | 22 | | MD1-0 | 1.5 | 0.9 | 1.7 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 14 | B4 | CMQ | | 23 | MF | 1.5 | 0.05 | 30 | | | Chrysotile | |
| B | 15 | C1 | CM | 23 | 24 | F | 0.75 | 0.05 | 15 | | | Mg, Si Chrysotile tilts behind grid bar | TAS_AHRA |
| B | 15 | C1 | ADQ | 24 | | MD1-1 | 6.5 | 1 | 6.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 15 | C1 | ADQ | | 25 | MB | 6.5 | 0.75 | 8.7 | | | Mg, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 15 | C1 | CMQ | 25 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 15 | C1 | CMQ | | 26 | MF | 2.5 | 0.05 | 50 | | | Chrysotile | |
| B | 16 | C43 | CM | 26 | 27 | F | 0.75 | 0.05 | 15 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 16 | C43 | CMQ | 27 | | MD1-0 | 3.5 | 2.5 | 1.4 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 16 | C43 | CMQ | | 28 | MF | 1.2 | 0.05 | 24 | | | Chrysotile | |
| B | 17 | C31 | CMQ | 28 | 29 | F | 0.5 | 0.05 | 10 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 17 | C31 | ADQ | 29 | 30 | F | 2 | 0.4 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 17 | C31 | CD | 30 | | MD1-0 | 5.5 | 3.5 | 1.6 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| B | 17 | C31 | CD | | 31 | MB | 4.5 | 0.2 | 22 | | | Chrysotile | |
| B | 18 | D10 | AQ | 31 | 32 | F | 5 | 1.1 | 4.5 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 18 | D10 | CM | 32 | | MD1-0 | 4 | 1.5 | 2.7 | | | Chrysotile tilts behind grid bar | TAS_AHRA |
| B | 18 | D10 | CM | | 33 | MF | 2 | 0.05 | 40 | | | Chrysotile | |
| C | 19 | A2 | CMQ | 33 | | MD1-0 | 2.25 | 1.15 | 2.0 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 19 | A2 | CMQ | | 34 | MF | 2.25 | 0.1 | 22 | | | Chrysotile | |
| C | 19 | A2 | CMQ | 34 | 35 | F | 0.6 | 0.05 | 12 | | | Mg, Si Chrysotile | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041188R3

*Client:* Ecology and Environment, Inc.

*Project Name:* Site #0440.01CP Sample Set #2 - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* CC5-L6-1CB-100604 *Lab/Cor Sample No.:* B4771 S11 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 20 | A11 | CMQ | 35 | | MD1-0 | 9 | 7 | 1.3 | | | Mg, Si Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 20 | A11 | CMQ | | 36 | MF | 1.3 | 0.05 | 26 | | | Chrysotile | |
| C | 20 | A11 | AQ | 36 | 37 | F | 2.75 | 0.65 | 4.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 21 | A30 | CMQ | 37 | | MD1-0 | 3 | 2 | 1.5 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 21 | A30 | CMQ | | 38 | MF | 3 | 0.05 | 60 | | | Chrysotile | |
| C | 22 | B10 | CMQ | 38 | 39 | F | 0.6 | 0.07 | 8.6 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 23 | B22 | | NSD | | | | | | | | | |
| C | 24 | B4 | ADQ | 39 | 40 | F | 8 | 1 | 8.0 | 911 | 643 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 2 0 3 ] - KM | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| C | 24 | B4 | ADQ | 40 | 41 | F | 1.5 | 0.3 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 24 | B4 | CMQ | 41 | 42 | B | 5.25 | 0.15 | 35 | | | Mg, Si Chrysotile | AS>5, AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT, TAS_AHRA, AS>5_AHRA |
| C | 24 | B4 | CMQ | 42 | | MD3-0 | 12 | 8 | 1.5 | | | Mg, Si Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| C | 24 | B4 | CMQ | | 43 | MF | 3.5 | 0.05 | 70 | | | Chrysotile | |
| C | 24 | B4 | CMQ | | 44 | MF | 0.5 | 0.05 | 10 | | | Chrysotile | |
| C | 24 | B4 | CMQ | | 45 | MF | 0.5 | 0.05 | 10 | | | Chrysotile | |
| C | 24 | B4 | ADQ | 43 | 46 | F | 3 | 0.8 | 3.8 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| C | 25 | C10 | ADQ | 44 | 47 | F | 6 | 0.7 | 8.6 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, TAS_AHRA, AS>5_AHRA |
| C | 26 | C31 | CMQ | 45 | 48 | F | 0.75 | 0.1 | 7.5 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 26 | C31 | CMQ | 46 | 49 | F | 0.7 | 0.05 | 14 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 26 | C31 | ADQ | 47 | | MD1-1 | 6 | 3.5 | 1.7 | | | Mg, Si, Ca, Fe Actinolite | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 26 | C31 | ADQ | | 50 | MF | 6 | 0.9 | 6.7 | | | Actinolite | AFB>5, PCMEF-US |
| C | 26 | C31 | CMQ | 48 | | MD1-0 | 8 | 7.5 | 1.1 | | | Mg, Si Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 26 | C31 | CMQ | | 51 | MF | 7 | 0.05 | 140 | | | Chrysotile | AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT |
| C | 26 | C31 | CMQ | 49 | 52 | F | 1.5 | 0.05 | 30 | | | Mg, Si Chrysotile | TAS_AHRA |
| C | 26 | C31 | CMQ | 50 | 53 | F | 0.75 | 0.8 | 0.94 | | | Chrysotile | TAS_AHRA |
| C | 26 | C31 | CMQ | 51 | | MD1-0 | 9 | 7 | 1.3 | | | Mg, Si Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA |
| C | 26 | C31 | CMQ | | 54 | MF | 2.5 | 0.05 | 50 | | | Chrysotile | |
| C | 26 | C31 | CMQ | 52 | 55 | F | 0.5 | 0.1 | 5.0 | | | Mg, Si Chrysotile | TAS_AHRA |