# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4762 S1 A1
Client Sample No. SRA-R01-100104
Description
Analysis Date 11/13/2004
Analyst KM

Volume (L) 5457.94
No. of Grid Openings 17
Filter Area (mm2) 385
Area Analyzed (mm2) 0.246
Analytical Sens. (struc/cc) 0.000286
Dectection Limit. (struc/cc) 0.000856

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 32.5 | 0.00229 | 0.000989 - 0.00451 | 8 |
| Total Asbestos Structures | 32.5 | 0.00229 | 0.000989 - 0.00451 | 8 |
| Asbestos Structures > 5um | 28.4 | 0.00200 | 0.000806 - 0.00413 | 7 |
| Asbestos Fibers and Bundles > 5um | 16.2 | 0.00115 | 0.000312 - 0.00293 | 4 |
| PCM Equivalent Fibers-US | 12.2 | 0.000859 | 0.00 - 0.00222 | 3 |
| PCM Equivalent Structures-US | 12.2 | 0.000859 | 0.00 - 0.00222 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 4.1 | 0.000286 | 0.00 - 0.00136 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.1 | 0.000286 | 0.00 - 0.00136 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.1 | 0.000286 | 0.00 - 0.00136 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.1 | 0.000286 | 0.00 - 0.00136 | 1 |
| AHERA-like Total Structures 3:1 | 32.5 | 0.00229 | 0.000989 - 0.00451 | 8 |
| AHERA-like Asb Strucs >5 and 3:1 | 28.4 | 0.00200 | 0.000806 - 0.00413 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 16.2 | 0.00115 | 0.000312 - 0.00293 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 12.2 | 0.000859 | 0.00 - 0.00222 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000856 | 0.00 - 0.000856 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S4 A1
**Client Sample No.** SRA-R02-100104
**Description**
**Analysis Date** 11/13/2004
**Analyst** KM

**Volume (L)** 5871.9
**No. of Grid Openings** 16
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.232
**Analytical Sens. (struc/cc)** 0.000283
**Dectection Limit. (struc/cc)** 0.000846

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 56.1 | 0.00368 | 0.00196 - 0.00629 | 13 |
| Total Asbestos Structures | 56.1 | 0.00368 | 0.00196 - 0.00629 | 13 |
| Asbestos Structures > 5um | 30.2 | 0.00198 | 0.000796 - 0.00408 | 7 |
| Asbestos Fibers and Bundles > 5um | 30.2 | 0.00198 | 0.000796 - 0.00408 | 7 |
| PCM Equivalent Fibers-US | 30.2 | 0.00198 | 0.000796 - 0.00408 | 7 |
| PCM Equivalent Structures-US | 30.2 | 0.00198 | 0.000796 - 0.00408 | 7 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| AHERA-like Total Structures 3:1 | 56.1 | 0.00368 | 0.00196 - 0.00629 | 13 |
| AHERA-like Asb Strucs >5 and 3:1 | 30.2 | 0.00198 | 0.000796 - 0.00408 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 21.6 | 0.00141 | 0.000459 - 0.00330 | 5 |
| AHERA-like Asb Strucs >10 and 3:1 | 8.6 | 0.000566 | 0.00 - 0.00178 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

---

Lab/Cor Sample No. B4762 S7 A1
Client Sample No. SRA-R03-100104
Description
Analysis Date 11/14/2004
Analyst JH

Volume (L) 5485.48
No. of Grid Openings 18
Filter Area (mm2) 385
Area Analyzed (mm2) 0.261
Analytical Sens. (struc/cc) 0.000269
Dectection Limit. (struc/cc) 0.000805

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 26.8 | 0.00188 | 0.000757 - 0.00388 | 7 |
| Total Asbestos Structures | 26.8 | 0.00188 | 0.000757 - 0.00388 | 7 |
| Asbestos Structures > 5um | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| Asbestos Fibers and Bundles > 5um | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| PCM Equivalent Fibers-US | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| PCM Equivalent Structures-US | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| AHERA-like Total Structures 3:1 | 26.8 | 0.00188 | 0.000757 - 0.00388 | 7 |
| AHERA-like Asb Strucs >5 and 3:1 | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 3.8 | 0.000269 | 0.00 - 0.00128 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000805 | 0.00 - 0.000805 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S10 A1
**Client Sample No.** SRA-R04-100104
**Description**
**Analysis Date** 11/13/2004
**Analyst** JH

**Volume (L)** 4824
**No. of Grid Openings** 19
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.275
**Analytical Sens. (struc/cc)** 0.000290
**Dectection Limit. (struc/cc)** 0.000867

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 47.2 | 0.00377 | 0.00201 - 0.00644 | 13 |
| Total Asbestos Structures | 47.2 | 0.00377 | 0.00201 - 0.00644 | 13 |
| Asbestos Structures > 5um | 14.5 | 0.00116 | 0.000316 - 0.00297 | 4 |
| Asbestos Fibers and Bundles > 5um | 14.5 | 0.00116 | 0.000316 - 0.00297 | 4 |
| PCM Equivalent Fibers-US | 14.5 | 0.00116 | 0.000316 - 0.00297 | 4 |
| PCM Equivalent Structures-US | 10.9 | 0.000870 | 0.00 - 0.00225 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| AHERA-like Total Structures 3:1 | 47.2 | 0.00377 | 0.00201 - 0.00644 | 13 |
| AHERA-like Asb Strucs >5 and 3:1 | 14.5 | 0.00116 | 0.000316 - 0.00297 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.5 | 0.00116 | 0.000316 - 0.00297 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000867 | 0.00 - 0.000867 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000867 | 0.00 - 0.000867 | 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 S15 A1 | Volume (L) | 4824 |
| Client Sample No. | SRA-R04-100104 | No. of Grid Openings | 19 |
| Description | Replicate Analysis of 041174-10 - Reprep | Filter Area (mm2) | 385 |
| Analysis Date | 12/5/2004 | Area Analyzed (mm2) | 0.275 |
| Analyst | JH | Analytical Sens. (struc/cc) | 0.000290 |
| | | Dectection Limit. (struc/cc) | 0.000867 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 36.3 | 0.00290 | 0.00139 - 0.00533 | 10 |

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4763 S16 A1 | Volume (L) | 4824 |
| Client Sample No. | SRA-R04-100104) | No. of Grid Openings | 18 |
| Description | Duplicate Analysis of 041174-10 - Same Grid Openings | Filter Area (mm2) | 385 |
| Analysis Date | 11/18/2004 | Area Analyzed (mm2) | 0.261 |
| Analyst | KM | Analytical Sens. (struc/cc) | 0.000306 |
| | | Dectection Limit. (struc/cc) | 0.000915 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 42.2 | 0.00337 | 0.00168 - 0.00602 | 11 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

---

Lab/Cor Sample No. B4762 S13 A1
Client Sample No. SRA-R05-100104
Description
Analysis Date 11/13/2004
Analyst JH

Volume (L) 5863.36
No. of Grid Openings 16
Filter Area (mm2) 385
Area Analyzed (mm2) 0.232
Analytical Sens. (struc/cc) 0.000283
Dectection Limit. (struc/cc) 0.000847

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| Total Asbestos Structures | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| Asbestos Structures > 5um | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| Asbestos Fibers and Bundles > 5um | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| PCM Equivalent Fibers-US | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| PCM Equivalent Structures-US | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| AHERA-like Total Structures 3:1 | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 17.3 | 0.00113 | 0.000309 - 0.00290 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 8.6 | 0.000566 | 0.00 - 0.00178 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 8.6 | 0.000566 | 0.00 - 0.00178 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000847 | 0.00 - 0.000847 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S2 A1
**Client Sample No.** SRA-R01-100204
**Description**
**Analysis Date** 11/13/2004
**Analyst** KM

**Volume (L)** 6577.89
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000289
**Dectection Limit. (struc/cc)** 0.000863

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 64.1 | 0.00375 | 0.00200 - 0.00641 | 13 |
| Total Asbestos Structures | 73.9 | 0.00433 | 0.00242 - 0.00714 | 15 |
| Asbestos Structures > 5um | 14.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| Asbestos Fibers and Bundles > 5um | 9.9 | 0.000577 | 0.00 - 0.00182 | 2 |
| PCM Equivalent Fibers-US | 9.9 | 0.000577 | 0.00 - 0.00182 | 2 |
| PCM Equivalent Structures-US | 4.9 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| AHERA-like Total Structures 3:1 | 64.1 | 0.00375 | 0.00200 - 0.00641 | 13 |
| AHERA-like Asb Strucs >5 and 3:1 | 14.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 14.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 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 S13 A1 | **Volume (L)** | 6577.89 |
| **Client Sample No.** | SRA-R01-100204 | **No. of Grid Openings** | 13 |
| **Description** | Replicate Analysis of 041174-02 - Same Grid Openings | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 11/17/2004 | **Area Analyzed (mm2)** | 0.188 |
| **Analyst** | KM | **Analytical Sens. (struc/cc)** | 0.000311 |
| | | **Dectection Limit. (struc/cc)** | 0.000929 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 69.0 | 0.00404 | 0.00215 - 0.00691 | 13 |

# *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 S18 A1 | **Volume (L)** | 6577.89 |
| **Client Sample No.** | SRA-R01-100204 | **No. of Grid Openings** | 14 |
| **Description** | Duplicate Analysis of 041174-02 - Reprep | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/8/2004 | **Area Analyzed (mm2)** | 0.203 |
| **Analyst** | JH | **Analytical Sens. (struc/cc)** | 0.000289 |
| | | **Dectection Limit. (struc/cc)** | 0.000863 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 54.2 | 0.00317 | 0.00158 - 0.00568 | 11 |

# *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 S14 A1 | Volume (L) | 6577.89 |
| Client Sample No. | SRA-R01-100204) | No. of Grid Openings | 14 |
| Description | Duplicate Analysis of 041174-02 - Reprep | Filter Area (mm2) | 385 |
| Analysis Date | 12/6/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | JH | Analytical Sens. (struc/cc) | 0.000289 |
| | | Dectection Limit. (struc/cc) | 0.000863 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 64.1 | 0.00375 | 0.00200 - 0.00641 | 13 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S16 A1
**Client Sample No.** SRA-R101-100204
**Description**
**Analysis Date** 11/14/2004
**Analyst** JH

**Volume (L)** 6655.05
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000285
**Dectection Limit. (struc/cc)** 0.000853

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 14.8 | 0.000856 | 0.00 - 0.00221 | 3 |
| Total Asbestos Structures | 14.8 | 0.000856 | 0.00 - 0.00221 | 3 |
| Asbestos Structures > 5um | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| Asbestos Fibers and Bundles > 5um | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| PCM Equivalent Fibers-US | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| AHERA-like Total Structures 3:1 | 14.8 | 0.000856 | 0.00 - 0.00221 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

---

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4762 S5 A1 | Volume (L) | 6661.15 |
| Client Sample No. | SRA-R02-100204 | No. of Grid Openings | 14 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 11/14/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | TM | Analytical Sens. (struc/cc) | 0.000285 |
| | | Dectection Limit. (struc/cc) | 0.000852 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 44.4 | 0.00256 | 0.00117 - 0.00487 | 9 |
| Total Asbestos Structures | 44.4 | 0.00256 | 0.00117 - 0.00487 | 9 |
| Asbestos Structures > 5um | 14.8 | 0.000855 | 0.00 - 0.00221 | 3 |
| Asbestos Fibers and Bundles > 5um | 14.8 | 0.000855 | 0.00 - 0.00221 | 3 |
| PCM Equivalent Fibers-US | 14.8 | 0.000855 | 0.00 - 0.00221 | 3 |
| PCM Equivalent Structures-US | 9.9 | 0.000570 | 0.00 - 0.00179 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| AHERA-like Total Structures 3:1 | 44.4 | 0.00256 | 0.00117 - 0.00487 | 9 |
| AHERA-like Asb Strucs >5 and 3:1 | 14.8 | 0.000855 | 0.00 - 0.00221 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.9 | 0.000285 | 0.00 - 0.00135 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.9 | 0.000570 | 0.00 - 0.00179 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000852 | 0.00 - 0.000852 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S8 A1
**Client Sample No.** SRA-R03-100204
**Description**
**Analysis Date** 11/15/2004
**Analyst** KM

**Volume (L)** 6173.19
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000287
**Dectection Limit. (struc/cc)** 0.000858

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 18.4 | 0.00115 | 0.000313 - 0.00294 | 4 |
| Total Asbestos Structures | 18.4 | 0.00115 | 0.000313 - 0.00294 | 4 |
| Asbestos Structures > 5um | 9.2 | 0.000574 | 0.00 - 0.00181 | 2 |
| Asbestos Fibers and Bundles > 5um | 9.2 | 0.000574 | 0.00 - 0.00181 | 2 |
| PCM Equivalent Fibers-US | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| PCM Equivalent Structures-US | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| AHERA-like Total Structures 3:1 | 18.4 | 0.00115 | 0.000313 - 0.00294 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 9.2 | 0.000574 | 0.00 - 0.00181 | 2 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.6 | 0.000287 | 0.00 - 0.00136 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000858 | 0.00 - 0.000858 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

---

Lab/Cor Sample No. B4762 S11 A1
Client Sample No. SRA-R04-100204
Description
Analysis Date 11/13/2004
Analyst JH

Volume (L) 6074.18
No. of Grid Openings 15
Filter Area (mm2) 385
Area Analyzed (mm2) 0.217
Analytical Sens. (struc/cc) 0.000292
Dectection Limit. (struc/cc) 0.000872

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 32.2 | 0.00204 | 0.000821 - 0.00421 | 7 |
| Total Asbestos Structures | 46.0 | 0.00292 | 0.00140 - 0.00536 | 10 |
| Asbestos Structures > 5um | 18.4 | 0.00117 | 0.000318 - 0.00299 | 4 |
| Asbestos Fibers and Bundles > 5um | 13.8 | 0.000875 | 0.00 - 0.00226 | 3 |
| PCM Equivalent Fibers-US | 13.8 | 0.000875 | 0.00 - 0.00226 | 3 |
| PCM Equivalent Structures-US | 9.2 | 0.000583 | 0.00 - 0.00184 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 9.2 | 0.000583 | 0.00 - 0.00184 | 2 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 9.2 | 0.000583 | 0.00 - 0.00184 | 2 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 9.2 | 0.000583 | 0.00 - 0.00184 | 2 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 9.2 | 0.000583 | 0.00 - 0.00184 | 2 |
| AHERA-like Total Structures 3:1 | 32.2 | 0.00204 | 0.000821 - 0.00421 | 7 |
| AHERA-like Asb Strucs >5 and 3:1 | 18.4 | 0.00117 | 0.000318 - 0.00299 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 18.4 | 0.00117 | 0.000318 - 0.00299 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000872 | 0.00 - 0.000872 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S14 A1
**Client Sample No.** SRA-R05-100204
**Description**
**Analysis Date** 11/14/2004
**Analyst** JH

**Volume (L)** 6083.62
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000291
**Dectection Limit. (struc/cc)** 0.000871

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 36.8 | 0.00233 | 0.00101 - 0.00459 | 8 |
| Total Asbestos Structures | 36.8 | 0.00233 | 0.00101 - 0.00459 | 8 |
| Asbestos Structures > 5um | 18.4 | 0.00116 | 0.000317 - 0.00298 | 4 |
| Asbestos Fibers and Bundles > 5um | 9.2 | 0.000582 | 0.00 - 0.00183 | 2 |
| PCM Equivalent Fibers-US | 13.8 | 0.000873 | 0.00 - 0.00226 | 3 |
| PCM Equivalent Structures-US | 9.2 | 0.000582 | 0.00 - 0.00183 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| AHERA-like Total Structures 3:1 | 36.8 | 0.00233 | 0.00101 - 0.00459 | 8 |
| AHERA-like Asb Strucs >5 and 3:1 | 18.4 | 0.00116 | 0.000317 - 0.00298 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 18.4 | 0.00116 | 0.000317 - 0.00298 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000871 | 0.00 - 0.000871 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4762 S3 A1
Client Sample No. SRA-R01-100304
Description
Analysis Date 11/13/2004
Analyst KM

Volume (L) 6339.84
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000299
Dectection Limit. (struc/cc) 0.000895

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 29.6 | 0.00180 | 0.000659 - 0.00391 | 6 |
| Total Asbestos Structures | 29.6 | 0.00180 | 0.000659 - 0.00391 | 6 |
| Asbestos Structures > 5um | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| AHERA-like Total Structures 3:1 | 29.6 | 0.00180 | 0.000659 - 0.00391 | 6 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000895 | 0.00 - 0.000895 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S6 A1
**Client Sample No.** SRA-R02-100304
**Description**
**Analysis Date** 11/14/2004
**Analyst** TM

**Volume (L)** 6350.89
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000299
**Dectection Limit. (struc/cc)** 0.000894

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 14.8 | 0.000897 | 0.00 - 0.00232 | 3 |
| Total Asbestos Structures | 14.8 | 0.000897 | 0.00 - 0.00232 | 3 |
| Asbestos Structures > 5um | 4.9 | 0.000299 | 0.00 - 0.00142 | 1 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| AHERA-like Total Structures 3:1 | 14.8 | 0.000897 | 0.00 - 0.00232 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 4.9 | 0.000299 | 0.00 - 0.00142 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.9 | 0.000299 | 0.00 - 0.00142 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4762 S9 A1
Client Sample No. SRA-R03-100304
Description
Analysis Date 11/15/2004
Analyst KM

Volume (L) 6305.74
No. of Grid Openings 15
Filter Area (mm2) 385
Area Analyzed (mm2) 0.217
Analytical Sens. (struc/cc) 0.000281
Dectection Limit. (struc/cc) 0.000840

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 4.6 | 0.000281 | 0.00 - 0.00133 | 1 |
| Total Asbestos Structures | 4.6 | 0.000281 | 0.00 - 0.00133 | 1 |
| Asbestos Structures > 5um | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| AHERA-like Total Structures 3:1 | 4.6 | 0.000281 | 0.00 - 0.00133 | 1 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000840 | 0.00 - 0.000840 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4762 S12 A1
**Client Sample No.** SRA-R04-100304
**Description**
**Analysis Date** 11/13/2004
**Analyst** JH

**Volume (L)** 5687.88
**No. of Grid Openings** 16
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.232
**Analytical Sens. (struc/cc)** 0.000292
**Dectection Limit. (struc/cc)** 0.000873

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 34.5 | 0.00234 | 0.00101 - 0.00460 | 8 |
| Total Asbestos Structures | 34.5 | 0.00234 | 0.00101 - 0.00460 | 8 |
| Asbestos Structures > 5um | 12.9 | 0.000876 | 0.00 - 0.00226 | 3 |
| Asbestos Fibers and Bundles > 5um | 12.9 | 0.000876 | 0.00 - 0.00226 | 3 |
| PCM Equivalent Fibers-US | 8.6 | 0.000584 | 0.00 - 0.00184 | 2 |
| PCM Equivalent Structures-US | 8.6 | 0.000584 | 0.00 - 0.00184 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 4.3 | 0.000292 | 0.00 - 0.00138 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.3 | 0.000292 | 0.00 - 0.00138 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.3 | 0.000292 | 0.00 - 0.00138 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.3 | 0.000292 | 0.00 - 0.00138 | 1 |
| AHERA-like Total Structures 3:1 | 34.5 | 0.00234 | 0.00101 - 0.00460 | 8 |
| AHERA-like Asb Strucs >5 and 3:1 | 12.9 | 0.000876 | 0.00 - 0.00226 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.3 | 0.000292 | 0.00 - 0.00138 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 8.6 | 0.000584 | 0.00 - 0.00184 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000873 | 0.00 - 0.000873 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## ANALYSIS DETAIL

---

Lab/Cor Sample No. B4762 S15 A1
Client Sample No. SRA-R05-100304
Description
Analysis Date 11/14/2004
Analyst JH

Volume (L) 6369.3
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000298
Dectection Limit. (struc/cc) 0.000891

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 14.8 | 0.000894 | 0.00 - 0.00231 | 3 |
| Total Asbestos Structures | 14.8 | 0.000894 | 0.00 - 0.00231 | 3 |
| Asbestos Structures > 5um | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| AHERA-like Total Structures 3:1 | 14.8 | 0.000894 | 0.00 - 0.00231 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000891 | 0.00 - 0.000891 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S1 A1

Client Sample No. ~~LC~~-SRA-R01-100404

Description

Analysis Date 11/25/2004

Analyst DW

Volume (L) 5003.95

No. of Grid Openings 18

Filter Area (mm2) 385

Area Analyzed (mm2) 0.261

Analytical Sens. (struc/cc) 0.000295

Dectection Limit. (struc/cc) 0.000882

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 11.5 | 0.000885 | 0.00 - 0.00229 | 3 |
| Total Asbestos Structures | 11.5 | 0.000885 | 0.00 - 0.00229 | 3 |
| Asbestos Structures > 5um | 7.7 | 0.000590 | 0.00 - 0.00186 | 2 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| AHERA-like Total Structures 3:1 | 11.5 | 0.000885 | 0.00 - 0.00229 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 7.7 | 0.000590 | 0.00 - 0.00186 | 2 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 3.8 | 0.000295 | 0.00 - 0.00140 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 3.8 | 0.000295 | 0.00 - 0.00140 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000882 | 0.00 - 0.000882 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4783 S2 A1
**Client Sample No.** LC-SRA-R02-100404
**Description**
**Analysis Date** 11/29/2004
**Analyst** DW

**Volume (L)** 5014.86
**No. of Grid Openings** 18
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.261
**Analytical Sens. (struc/cc)** 0.000294
**Dectection Limit. (struc/cc)** 0.000880

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 15.3 | 0.00118 | 0.000321 - 0.00301 | 4 |
| Total Asbestos Structures | 15.3 | 0.00118 | 0.000321 - 0.00301 | 4 |
| Asbestos Structures > 5um | 11.5 | 0.000883 | 0.00 - 0.00228 | 3 |
| Asbestos Fibers and Bundles > 5um | 11.5 | 0.000883 | 0.00 - 0.00228 | 3 |
| PCM Equivalent Fibers-US | 11.5 | 0.000883 | 0.00 - 0.00228 | 3 |
| PCM Equivalent Structures-US | 7.7 | 0.000589 | 0.00 - 0.00185 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 3.8 | 0.000294 | 0.00 - 0.00140 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 3.8 | 0.000294 | 0.00 - 0.00140 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 3.8 | 0.000294 | 0.00 - 0.00140 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 3.8 | 0.000294 | 0.00 - 0.00140 | 1 |
| AHERA-like Total Structures 3:1 | 15.3 | 0.00118 | 0.000321 - 0.00301 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 11.5 | 0.000883 | 0.00 - 0.00228 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 7.7 | 0.000589 | 0.00 - 0.00185 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 3.8 | 0.000294 | 0.00 - 0.00140 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000880 | 0.00 - 0.000880 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S3 A1
Client Sample No. LC-SRA-R03-100404
Description
Analysis Date 11/25/2004
Analyst DW

Volume (L) 4937.3
No. of Grid Openings 18
Filter Area (mm2) 385
Area Analyzed (mm2) 0.261
Analytical Sens. (struc/cc) 0.000299
Dectection Limit. (struc/cc) 0.000894

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 11.5 | 0.000897 | 0.00 - 0.00232 | 3 |
| Total Asbestos Structures | 11.5 | 0.000897 | 0.00 - 0.00232 | 3 |
| Asbestos Structures > 5um | 3.8 | 0.000299 | 0.00 - 0.00142 | 1 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| AHERA-like Total Structures 3:1 | 11.5 | 0.000897 | 0.00 - 0.00232 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 3.8 | 0.000299 | 0.00 - 0.00142 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 3.8 | 0.000299 | 0.00 - 0.00142 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000894 | 0.00 - 0.000894 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S4 A1
**Client Sample No.** ~~LC~~-SRA-R04-100404
**Description**
**Analysis Date** 11/29/2004
**Analyst** DW

**Volume (L)** 5098.14
**No. of Grid Openings** 18
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.261
**Analytical Sens. (struc/cc)** 0.000290
**Dectection Limit. (struc/cc)** 0.000866

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 38.3 | 0.00290 | 0.00139 - 0.00532 | 10 |
| Total Asbestos Structures | 42.2 | 0.00318 | 0.00159 - 0.00570 | 11 |
| Asbestos Structures > 5um | 26.8 | 0.00203 | 0.000815 - 0.00418 | 7 |
| Asbestos Fibers and Bundles > 5um | 15.3 | 0.00116 | 0.000316 - 0.00297 | 4 |
| PCM Equivalent Fibers-US | 19.2 | 0.00145 | 0.000470 - 0.00338 | 5 |
| PCM Equivalent Structures-US | 3.8 | 0.000290 | 0.00 - 0.00137 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| AHERA-like Total Structures 3:1 | 38.3 | 0.00290 | 0.00139 - 0.00532 | 10 |
| AHERA-like Asb Strucs >5 and 3:1 | 26.8 | 0.00203 | 0.000815 - 0.00418 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 11.5 | 0.000869 | 0.00 - 0.00224 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 15.3 | 0.00116 | 0.000316 - 0.00297 | 4 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 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 S37 A1 | **Volume (L)** | 5098.14 |
| **Client Sample No.** | ~~L2~~-SRA-R04-100404 | **No. of Grid Openings** | 18 |
| **Description** | Duplicate Analysis of 041210-04 - Different Grid Opening | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/6/2004 | **Area Analyzed (mm2)** | 0.261 |
| **Analyst** | KM | **Analytical Sens. (struc/cc)** | 0.000290 |
| | | **Dectection Limit. (struc/cc)** | 0.000866 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 19.2 | 0.00145 | 0.000470 - 0.00338 | 5 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S5 A1
Client Sample No. ~~LC~~-SRA-R05-100404
Description
Analysis Date 11/29/2004
Analyst DW

Volume (L) 4969.2
No. of Grid Openings 18
Filter Area (mm2) 385
Area Analyzed (mm2) 0.261
Analytical Sens. (struc/cc) 0.000297
Dectection Limit. (struc/cc) 0.000888

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 11.5 | 0.000891 | 0.00 - 0.00230 | 3 |
| Total Asbestos Structures | 11.5 | 0.000891 | 0.00 - 0.00230 | 3 |
| Asbestos Structures > 5um | 7.7 | 0.000594 | 0.00 - 0.00187 | 2 |
| Asbestos Fibers and Bundles > 5um | 3.8 | 0.000297 | 0.00 - 0.00141 | 1 |
| PCM Equivalent Fibers-US | 3.8 | 0.000297 | 0.00 - 0.00141 | 1 |
| PCM Equivalent Structures-US | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| AHERA-like Total Structures 3:1 | 11.5 | 0.000891 | 0.00 - 0.00230 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 7.7 | 0.000594 | 0.00 - 0.00187 | 2 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 7.7 | 0.000594 | 0.00 - 0.00187 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S10 A1
**Client Sample No.** ~~LC~~-SRA-R01-100504
**Description**
**Analysis Date** 11/27/2004
**Analyst** TM

**Volume (L)** 6403.4
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000296
**Dectection Limit. (struc/cc)** 0.000886

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 59.2 | 0.00356 | 0.00184 - 0.00621 | 12 |
| Total Asbestos Structures | 59.2 | 0.00356 | 0.00184 - 0.00621 | 12 |
| Asbestos Structures > 5um | 24.6 | 0.00148 | 0.000481 - 0.00346 | 5 |
| Asbestos Fibers and Bundles > 5um | 19.7 | 0.00119 | 0.000323 - 0.00304 | 4 |
| PCM Equivalent Fibers-US | 14.8 | 0.000889 | 0.00 - 0.00230 | 3 |
| PCM Equivalent Structures-US | 14.8 | 0.000889 | 0.00 - 0.00230 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| AHERA-like Total Structures 3:1 | 59.2 | 0.00356 | 0.00184 - 0.00621 | 12 |
| AHERA-like Asb Strucs >5 and 3:1 | 24.6 | 0.00148 | 0.000481 - 0.00346 | 5 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.9 | 0.000593 | 0.00 - 0.00187 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 14.8 | 0.000889 | 0.00 - 0.00230 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000886 | 0.00 - 0.000886 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S9 A1
Client Sample No. ~~LC~~-SRA-R02-100504
Description
Analysis Date 11/24/2004
Analyst DW

Volume (L) 6489.7
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000292
Dectection Limit. (struc/cc) 0.000874

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 34.5 | 0.00205 | 0.000823 - 0.00422 | 7 |
| Total Asbestos Structures | 44.4 | 0.00263 | 0.00120 - 0.00500 | 9 |
| Asbestos Structures > 5um | 24.6 | 0.00146 | 0.000475 - 0.00341 | 5 |
| Asbestos Fibers and Bundles > 5um | 14.8 | 0.000877 | 0.00 - 0.00227 | 3 |
| PCM Equivalent Fibers-US | 9.9 | 0.000585 | 0.00 - 0.00184 | 2 |
| PCM Equivalent Structures-US | 9.9 | 0.000585 | 0.00 - 0.00184 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| AHERA-like Total Structures 3:1 | 34.5 | 0.00205 | 0.000823 - 0.00422 | 7 |
| AHERA-like Asb Strucs >5 and 3:1 | 24.6 | 0.00146 | 0.000475 - 0.00341 | 5 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.9 | 0.000585 | 0.00 - 0.00184 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 14.8 | 0.000877 | 0.00 - 0.00227 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000874 | 0.00 - 0.000874 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S6 A1
**Client Sample No.** ~~LC~~-SRA-R103-100504
**Description**
**Analysis Date** 11/27/2004
**Analyst** TM

**Volume (L)** 6157.72
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000288
**Dectection Limit. (struc/cc)** 0.000860

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 41.4 | 0.00259 | 0.00118 - 0.00491 | 9 |
| Total Asbestos Structures | 41.4 | 0.00259 | 0.00118 - 0.00491 | 9 |
| Asbestos Structures > 5um | 32.2 | 0.00201 | 0.000809 - 0.00415 | 7 |
| Asbestos Fibers and Bundles > 5um | 18.4 | 0.00115 | 0.000314 - 0.00295 | 4 |
| PCM Equivalent Fibers-US | 18.4 | 0.00115 | 0.000314 - 0.00295 | 4 |
| PCM Equivalent Structures-US | 13.8 | 0.000863 | 0.00 - 0.00223 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| AHERA-like Total Structures 3:1 | 41.4 | 0.00259 | 0.00118 - 0.00491 | 9 |
| AHERA-like Asb Strucs >5 and 3:1 | 32.2 | 0.00201 | 0.000809 - 0.00415 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 27.6 | 0.00173 | 0.000633 - 0.00376 | 6 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.6 | 0.000288 | 0.00 - 0.00136 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000860 | 0.00 - 0.000860 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000860 | 0.00 - 0.000860 | 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 S38 A1 | Volume (L) | 6157.72 |
| Client Sample No. | ~~LC~~-SRA-R103-100504 | No. of Grid Openings | 15 |
| Description | Duplicate Analysis of 041210-06 - Different Grid Opening | Filter Area (mm2) | 385 |
| Analysis Date | 12/6/2004 | Area Analyzed (mm2) | 0.217 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.000288 |
| | | Dectection Limit. (struc/cc) | 0.000860 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 27.6 | 0.00173 | 0.000633 - 0.00376 | 6 |

---

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4763 S39 A1 | Volume (L) | 6157.72 |
| Client Sample No. | ~~LC~~-SRA-R103-100504 | No. of Grid Openings | 15 |
| Description | Duplicate Analysis of 041210-06 - Different Grid Opening | Filter Area (mm2) | 385 |
| Analysis Date | 12/6/2004 | Area Analyzed (mm2) | 0.217 |
| Analyst | KM | Analytical Sens. (struc/cc) | 0.000288 |
| | | Dectection Limit. (struc/cc) | 0.000860 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 32.2 | 0.00201 | 0.000809 - 0.00415 | 7 |

---

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S8 A1
**Client Sample No.** ~~LC~~-SRA-R03-100504
**Description**
**Analysis Date** 11/24/2004
**Analyst** DW

**Volume (L)** 6127.77
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000289
**Dectection Limit. (struc/cc)** 0.000864

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 27.6 | 0.00173 | 0.000637 - 0.00378 | 6 |
| Total Asbestos Structures | 27.6 | 0.00173 | 0.000637 - 0.00378 | 6 |
| Asbestos Structures > 5um | 18.4 | 0.00116 | 0.000315 - 0.00296 | 4 |
| Asbestos Fibers and Bundles > 5um | 13.8 | 0.000867 | 0.00 - 0.00224 | 3 |
| PCM Equivalent Fibers-US | 9.2 | 0.000578 | 0.00 - 0.00182 | 2 |
| PCM Equivalent Structures-US | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| AHERA-like Total Structures 3:1 | 27.6 | 0.00173 | 0.000637 - 0.00378 | 6 |
| AHERA-like Asb Strucs >5 and 3:1 | 18.4 | 0.00116 | 0.000315 - 0.00296 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 13.8 | 0.000867 | 0.00 - 0.00224 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.6 | 0.000289 | 0.00 - 0.00137 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000864 | 0.00 - 0.000864 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S7 A1
Client Sample No. ~~LC~~-SRA-R04-100504
Description
Analysis Date 11/24/2004
Analyst DW

Volume (L) 6388.8
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000297
Dectection Limit. (struc/cc) 0.000888

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 49.3 | 0.00297 | 0.00142 - 0.00546 | 10 |
| Total Asbestos Structures | 54.2 | 0.00327 | 0.00163 - 0.00585 | 11 |
| Asbestos Structures > 5um | 14.8 | 0.000891 | 0.00 - 0.00230 | 3 |
| Asbestos Fibers and Bundles > 5um | 9.9 | 0.000594 | 0.00 - 0.00187 | 2 |
| PCM Equivalent Fibers-US | 9.9 | 0.000594 | 0.00 - 0.00187 | 2 |
| PCM Equivalent Structures-US | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| AHERA-like Total Structures 3:1 | 44.4 | 0.00267 | 0.00122 - 0.00508 | 9 |
| AHERA-like Asb Strucs >5 and 3:1 | 14.8 | 0.000891 | 0.00 - 0.00230 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.8 | 0.000891 | 0.00 - 0.00230 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Total Other Amphibole Strucs 3:1 | 4.9 | 0.000297 | 0.00 - 0.00141 | 1 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000888 | 0.00 - 0.000888 | 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 S40 A1 | Volume (L) | 6388.8 |
| Client Sample No. | ~~LC~~-SRA-R04-100504 | No. of Grid Openings | 14 |
| Description | Replicate Analysis of 041210-07 - Reprep | Filter Area (mm2) | 385 |
| Analysis Date | 12/4/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.000297 |
| | | Dectection Limit. (struc/cc) | 0.000888 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 54.2 | 0.00327 | 0.00163 - 0.00585 | 11 |

# *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 S41 A1 |
| Client Sample No. | ~~LC~~-SRA-R04-100504 |
| Description | Duplicate Analysis of 041210-07 - Reprep |
| Analysis Date | 12/6/2004 |
| Analyst | KM |

| | |
|---|---|
| Volume (L) | 6388.8 |
| No. of Grid Openings | 14 |
| Filter Area (mm2) | 385 |
| Area Analyzed (mm2) | 0.203 |
| Analytical Sens. (struc/cc) | 0.000297 |
| Dectection Limit. (struc/cc) | 0.000888 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 24.6 | 0.00149 | 0.000482 - 0.00347 | 5 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S11 A1
Client Sample No. ~~LC~~-SRA-R05-100504
Description
Analysis Date 11/27/2004
Analyst JH

Volume (L) 6091.83
No. of Grid Openings 15
Filter Area (mm2) 385
Area Analyzed (mm2) 0.217
Analytical Sens. (struc/cc) 0.000291
Dectection Limit. (struc/cc) 0.000869

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 32.2 | 0.00204 | 0.000818 - 0.00419 | 7 |
| Total Asbestos Structures | 32.2 | 0.00204 | 0.000818 - 0.00419 | 7 |
| Asbestos Structures > 5um | 13.8 | 0.000872 | 0.00 - 0.00225 | 3 |
| Asbestos Fibers and Bundles > 5um | 9.2 | 0.000582 | 0.00 - 0.00183 | 2 |
| PCM Equivalent Fibers-US | 9.2 | 0.000582 | 0.00 - 0.00183 | 2 |
| PCM Equivalent Structures-US | 4.6 | 0.000291 | 0.00 - 0.00138 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| AHERA-like Total Structures 3:1 | 32.2 | 0.00204 | 0.000818 - 0.00419 | 7 |
| AHERA-like Asb Strucs >5 and 3:1 | 13.8 | 0.000872 | 0.00 - 0.00225 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.2 | 0.000582 | 0.00 - 0.00183 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.6 | 0.000291 | 0.00 - 0.00138 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000869 | 0.00 - 0.000869 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S12 A1
**Client Sample No.** ~~Le~~-SRA-R01-100604
**Description**
**Analysis Date** 11/27/2004
**Analyst** JH

**Volume (L)** 6476.8
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000293
**Dectection Limit. (struc/cc)** 0.000876

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 98.6 | 0.00586 | 0.00358 - 0.00905 | 20 |
| Total Asbestos Structures | 98.6 | 0.00586 | 0.00358 - 0.00905 | 20 |
| Asbestos Structures > 5um | 73.9 | 0.00440 | 0.00246 - 0.00725 | 15 |
| Asbestos Fibers and Bundles > 5um | 73.9 | 0.00440 | 0.00246 - 0.00725 | 15 |
| PCM Equivalent Fibers-US | 73.9 | 0.00440 | 0.00246 - 0.00725 | 15 |
| PCM Equivalent Structures-US | 73.9 | 0.00440 | 0.00246 - 0.00725 | 15 |
| PROTOCOL ASB STRUCS 5-10 | 4.9 | 0.000293 | 0.00 - 0.00139 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.9 | 0.000293 | 0.00 - 0.00139 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.9 | 0.000293 | 0.00 - 0.00139 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.9 | 0.000293 | 0.00 - 0.00139 | 1 |
| AHERA-like Total Structures 3:1 | 98.6 | 0.00586 | 0.00358 - 0.00905 | 20 |
| AHERA-like Asb Strucs >5 and 3:1 | 73.9 | 0.00440 | 0.00246 - 0.00725 | 15 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 44.4 | 0.00264 | 0.00121 - 0.00501 | 9 |
| AHERA-like Asb Strucs >10 and 3:1 | 29.6 | 0.00176 | 0.000645 - 0.00383 | 6 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000876 | 0.00 - 0.000876 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S17 A1

Client Sample No. ~~LC~~-SRA-R02-100604

Description

Analysis Date 11/28/2004

Analyst DW

Volume (L) 6664.77

No. of Grid Openings 14

Filter Area (mm2) 385

Area Analyzed (mm2) 0.203

Analytical Sens. (struc/cc) 0.000285

Dectection Limit. (struc/cc) 0.000851

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 49.3 | 0.00285 | 0.00137 - 0.00524 | 10 |
| Total Asbestos Structures | 54.2 | 0.00313 | 0.00156 - 0.00560 | 11 |
| Asbestos Structures > 5um | 39.4 | 0.00228 | 0.000984 - 0.00449 | 8 |
| Asbestos Fibers and Bundles > 5um | 19.7 | 0.00114 | 0.000310 - 0.00292 | 4 |
| PCM Equivalent Fibers-US | 19.7 | 0.00114 | 0.000310 - 0.00292 | 4 |
| PCM Equivalent Structures-US | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| AHERA-like Total Structures 3:1 | 49.3 | 0.00285 | 0.00137 - 0.00524 | 10 |
| AHERA-like Asb Strucs >5 and 3:1 | 39.4 | 0.00228 | 0.000984 - 0.00449 | 8 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.8 | 0.000854 | 0.00 - 0.00221 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 24.6 | 0.00142 | 0.000462 - 0.00332 | 5 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000851 | 0.00 - 0.000851 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000851 | 0.00 - 0.000851 | 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 S46 A1 | **Volume (L)** | 6664.77 |
| **Client Sample No.** | ~~LC~~-SRA-R02-100604 | **No. of Grid Openings** | 14 |
| **Description** | Replicate Analysis of 041210-17 - Same Grid Openings | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/3/2004 | **Area Analyzed (mm2)** | 0.203 |
| **Analyst** | DW | **Analytical Sens. (struc/cc)** | 0.000285 |
| | | **Dectection Limit. (struc/cc)** | 0.000851 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 73.9 | 0.00427 | 0.00239 - 0.00705 | 15 |

# *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 S47 A1 | Volume (L) | 6664.77 |
| Client Sample No. | ~~LC~~-SRA-R02-100604 | No. of Grid Openings | 14 |
| Description | Duplicate Analysis of 041210-17 - Same Grid Openings | Filter Area (mm2) | 385 |
| Analysis Date | 12/6/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | JH | Analytical Sens. (struc/cc) | 0.000285 |
| | | Dectection Limit. (struc/cc) | 0.000851 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 73.9 | 0.00427 | 0.00239 - 0.00705 | 15 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S13 A1
Client Sample No. ~~LC~~-SRA-R102-100604
Description
Analysis Date 11/27/2004
Analyst JH

Volume (L) 6581.7
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000288
Dectection Limit. (struc/cc) 0.000862

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 49.3 | 0.00288 | 0.00138 - 0.00530 | 10 |
| Total Asbestos Structures | 49.3 | 0.00288 | 0.00138 - 0.00530 | 10 |
| Asbestos Structures > 5um | 24.6 | 0.00144 | 0.000468 - 0.00336 | 5 |
| Asbestos Fibers and Bundles > 5um | 19.7 | 0.00115 | 0.000314 - 0.00295 | 4 |
| PCM Equivalent Fibers-US | 19.7 | 0.00115 | 0.000314 - 0.00295 | 4 |
| PCM Equivalent Structures-US | 19.7 | 0.00115 | 0.000314 - 0.00295 | 4 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| AHERA-like Total Structures 3:1 | 49.3 | 0.00288 | 0.00138 - 0.00530 | 10 |
| AHERA-like Asb Strucs >5 and 3:1 | 24.6 | 0.00144 | 0.000468 - 0.00336 | 5 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.8 | 0.000865 | 0.00 - 0.00223 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.9 | 0.000577 | 0.00 - 0.00182 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000862 | 0.00 - 0.000862 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000862 | 0.00 - 0.000862 | 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 S42 A1
Client Sample No. ~~LC~~-SRA-R102-100604
Description Duplicate Analysis of 041210-13 - Reprep
Analysis Date 12/6/2004
Analyst DW

Volume (L) 6581.7
No. of Grid Openings 14
Filter Area (mm2) 385
Area Analyzed (mm2) 0.203
Analytical Sens. (struc/cc) 0.000288
Dectection Limit. (struc/cc) 0.000862

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 88.7 | 0.00519 | 0.00308 - 0.00820 | 18 |

Lab/Cor Sample No. B4763 S43 A1
Client Sample No. ~~LC~~-SRA-R102-100604
Description Replicate Analysis of 041210-13 - Reprep
Analysis Date 12/6/2004
Analyst JH

Volume (L) 6581.7
No. of Grid Openings 13
Filter Area (mm2) 385
Area Analyzed (mm2) 0.188
Analytical Sens. (struc/cc) 0.000311
Dectection Limit. (struc/cc) 0.000929

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 53.1 | 0.00311 | 0.00149 - 0.00571 | 10 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4783 S14 A1
**Client Sample No.** LC-SRA-R03-100604
**Description**
**Analysis Date** 11/28/2004
**Analyst** JH

**Volume (L)** 6117.54
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000290
**Dectection Limit. (struc/cc)** 0.000866

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 55.2 | 0.00347 | 0.00180 - 0.00607 | 12 |
| Total Asbestos Structures | 55.2 | 0.00347 | 0.00180 - 0.00607 | 12 |
| Asbestos Structures > 5um | 27.6 | 0.00174 | 0.000638 - 0.00378 | 6 |
| Asbestos Fibers and Bundles > 5um | 18.4 | 0.00116 | 0.000316 - 0.00297 | 4 |
| PCM Equivalent Fibers-US | 23.0 | 0.00145 | 0.000470 - 0.00338 | 5 |
| PCM Equivalent Structures-US | 23.0 | 0.00145 | 0.000470 - 0.00338 | 5 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| AHERA-like Total Structures 3:1 | 55.2 | 0.00347 | 0.00180 - 0.00607 | 12 |
| AHERA-like Asb Strucs >5 and 3:1 | 27.6 | 0.00174 | 0.000638 - 0.00378 | 6 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 18.4 | 0.00116 | 0.000316 - 0.00297 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.2 | 0.000579 | 0.00 - 0.00182 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000866 | 0.00 - 0.000866 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S16 A1
**Client Sample No.** ~~LC~~-SRA-R04-100604
**Description**
**Analysis Date** 11/28/2004
**Analyst** DW

**Volume (L)** 6277.52
**No. of Grid Openings** 14
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.203
**Analytical Sens. (struc/cc)** 0.000302
**Dectection Limit. (struc/cc)** 0.000904

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 93.7 | 0.00574 | 0.00346 - 0.00897 | 19 |
| Total Asbestos Structures | 98.6 | 0.00605 | 0.00369 - 0.00934 | 20 |
| Asbestos Structures > 5um | 59.2 | 0.00363 | 0.00187 - 0.00634 | 12 |
| Asbestos Fibers and Bundles > 5um | 44.4 | 0.00272 | 0.00124 - 0.00517 | 9 |
| PCM Equivalent Fibers-US | 44.4 | 0.00272 | 0.00124 - 0.00517 | 9 |
| PCM Equivalent Structures-US | 14.8 | 0.000907 | 0.00 - 0.00234 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| AHERA-like Total Structures 3:1 | 93.7 | 0.00574 | 0.00346 - 0.00897 | 19 |
| AHERA-like Asb Strucs >5 and 3:1 | 59.2 | 0.00363 | 0.00187 - 0.00634 | 12 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 19.7 | 0.00121 | 0.000330 - 0.00310 | 4 |
| AHERA-like Asb Strucs >10 and 3:1 | 39.4 | 0.00242 | 0.00104 - 0.00477 | 8 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000904 | 0.00 - 0.000904 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S15 A1

Client Sample No. ~~LC~~-SRA-R05-100604

Description

Analysis Date 11/28/2004

Analyst JH

Volume (L) 5994

No. of Grid Openings 15

Filter Area (mm2) 385

Area Analyzed (mm2) 0.217

Analytical Sens. (struc/cc) 0.000296

Dectection Limit. (struc/cc) 0.000884

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 50.6 | 0.00325 | 0.00162 - 0.00582 | 11 |
| Total Asbestos Structures | 55.2 | 0.00355 | 0.00183 - 0.00619 | 12 |
| Asbestos Structures > 5um | 32.2 | 0.00207 | 0.000832 - 0.00426 | 7 |
| Asbestos Fibers and Bundles > 5um | 32.2 | 0.00207 | 0.000832 - 0.00426 | 7 |
| PCM Equivalent Fibers-US | 32.2 | 0.00207 | 0.000832 - 0.00426 | 7 |
| PCM Equivalent Structures-US | 27.6 | 0.00177 | 0.000651 - 0.00386 | 6 |
| PROTOCOL ASB STRUCS 5-10 | 4.6 | 0.000296 | 0.00 - 0.00140 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.6 | 0.000296 | 0.00 - 0.00140 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.6 | 0.000296 | 0.00 - 0.00140 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.6 | 0.000296 | 0.00 - 0.00140 | 1 |
| AHERA-like Total Structures 3:1 | 50.6 | 0.00325 | 0.00162 - 0.00582 | 11 |
| AHERA-like Asb Strucs >5 and 3:1 | 32.2 | 0.00207 | 0.000832 - 0.00426 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 13.8 | 0.000887 | 0.00 - 0.00229 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 18.4 | 0.00118 | 0.000322 - 0.00303 | 4 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000884 | 0.00 - 0.000884 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000884 | 0.00 - 0.000884 | 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 S44 A1 | **Volume (L)** | 5994 |
| **Client Sample No.** | LC-SRA-R05-100604 | **No. of Grid Openings** | 15 |
| **Description** | Replicate Analysis of 041210-15 - Same Grid Openings | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 11/4/2004 | **Area Analyzed (mm2)** | 0.217 |
| **Analyst** | JH | **Analytical Sens. (struc/cc)** | 0.000296 |
| | | **Dectection Limit. (struc/cc)** | 0.000884 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 64.4 | 0.00414 | 0.00226 - 0.00694 | 14 |

---

| | | | |
|---|---|---|---|
| **Lab/Cor Sample No.** | B4763 S45 A1 | **Volume (L)** | 5994 |
| **Client Sample No.** | LC-SRA-R05-100604 | **No. of Grid Openings** | 15 |
| **Description** | Duplicate Analysis of 041210-15 - Same Grid Openings | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/3/2004 | **Area Analyzed (mm2)** | 0.217 |
| **Analyst** | DW | **Analytical Sens. (struc/cc)** | 0.000296 |
| | | **Dectection Limit. (struc/cc)** | 0.000884 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 87.4 | 0.00561 | 0.00338 - 0.00877 | 19 |

---

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

| | | | |
|---|---|---|---|
| Lab/Cor Sample No. | B4783 S21 A1 | Volume (L) | 6603.3 |
| Client Sample No. | ~~LC~~-SRA-R02-100704 | No. of Grid Openings | 14 |
| Description | | Filter Area (mm2) | 385 |
| Analysis Date | 11/28/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | TM | Analytical Sens. (struc/cc) | 0.000287 |
| | | Dectection Limit. (struc/cc) | 0.000859 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 69.0 | 0.00402 | 0.00220 - 0.00675 | 14 |
| Total Asbestos Structures | 69.0 | 0.00402 | 0.00220 - 0.00675 | 14 |
| Asbestos Structures > 5um | 19.7 | 0.00115 | 0.000313 - 0.00294 | 4 |
| Asbestos Fibers and Bundles > 5um | 14.8 | 0.000862 | 0.00 - 0.00223 | 3 |
| PCM Equivalent Fibers-US | 9.9 | 0.000575 | 0.00 - 0.00181 | 2 |
| PCM Equivalent Structures-US | 9.9 | 0.000575 | 0.00 - 0.00181 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| AHERA-like Total Structures 3:1 | 69.0 | 0.00402 | 0.00220 - 0.00675 | 14 |
| AHERA-like Asb Strucs >5 and 3:1 | 19.7 | 0.00115 | 0.000313 - 0.00294 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.8 | 0.000862 | 0.00 - 0.00223 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.9 | 0.000287 | 0.00 - 0.00136 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000859 | 0.00 - 0.000859 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000859 | 0.00 - 0.000859 | 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 S48 A1 | Volume (L) | 6603.3 |
| Client Sample No. | LC-SRA-R02-100704 | No. of Grid Openings | 13 |
| Description | Duplicate Analysis of 041210-21 - Different Grid Opening | Filter Area (mm2) | 385 |
| Analysis Date | 12/6/2004 | Area Analyzed (mm2) | 0.188 |
| Analyst | JH | Analytical Sens. (struc/cc) | 0.000310 |
| | | Dectection Limit. (struc/cc) | 0.000925 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 42.5 | 0.00248 | 0.00107 - 0.00488 | 8 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S19 A1

Client Sample No. ~~LO~~-SRA-R03-100704

Description

Analysis Date 11/29/2004

Analyst JH

Volume (L) 5885.4

No. of Grid Openings 16

Filter Area (mm2) 385

Area Analyzed (mm2) 0.232

Analytical Sens. (struc/cc) 0.000282

Dectection Limit. (struc/cc) 0.000844

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 4.3 | 0.000282 | 0.00 - 0.00134 | 1 |
| Total Asbestos Structures | 4.3 | 0.000282 | 0.00 - 0.00134 | 1 |
| Asbestos Structures > 5um | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| AHERA-like Total Structures 3:1 | 4.3 | 0.000282 | 0.00 - 0.00134 | 1 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000844 | 0.00 - 0.000844 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4783 S18 A1
**Client Sample No.** LC-SRA-R04-100704
**Description**
**Analysis Date** 11/29/2004
**Analyst** JH

**Volume (L)** 6136.4
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000289
**Dectection Limit. (struc/cc)** 0.000863

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 18.4 | 0.00115 | 0.000315 - 0.00296 | 4 |
| Total Asbestos Structures | 18.4 | 0.00115 | 0.000315 - 0.00296 | 4 |
| Asbestos Structures > 5um | 18.4 | 0.00115 | 0.000315 - 0.00296 | 4 |
| Asbestos Fibers and Bundles > 5um | 13.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| PCM Equivalent Fibers-US | 13.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| PCM Equivalent Structures-US | 13.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| AHERA-like Total Structures 3:1 | 18.4 | 0.00115 | 0.000315 - 0.00296 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 18.4 | 0.00115 | 0.000315 - 0.00296 | 4 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.2 | 0.000577 | 0.00 - 0.00182 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.2 | 0.000577 | 0.00 - 0.00182 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S20 A1
**Client Sample No.** ~~Le~~-SRA-R05-100704
**Description**
**Analysis Date** 11/29/2004
**Analyst** JH

**Volume (L)** 5817.4
**No. of Grid Openings** 16
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.232
**Analytical Sens. (struc/cc)** 0.000285
**Dectection Limit. (struc/cc)** 0.000854

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 12.9 | 0.000856 | 0.00 - 0.00221 | 3 |
| Total Asbestos Structures | 12.9 | 0.000856 | 0.00 - 0.00221 | 3 |
| Asbestos Structures > 5um | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| Asbestos Fibers and Bundles > 5um | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| PCM Equivalent Fibers-US | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| PCM Equivalent Structures-US | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| AHERA-like Total Structures 3:1 | 12.9 | 0.000856 | 0.00 - 0.00221 | 3 |
| AHERA-like Asb Strucs >5 and 3:1 | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.3 | 0.000285 | 0.00 - 0.00135 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000854 | 0.00 - 0.000854 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S28 A1

Client Sample No. ~~LC~~-SRA-R01-100804

Description

Analysis Date 11/29/2004

Analyst DW

Volume (L) 6428.76

No. of Grid Openings 14

Filter Area (mm2) 385

Area Analyzed (mm2) 0.203

Analytical Sens. (struc/cc) 0.000295

Dectection Limit. (struc/cc) 0.000883

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 19.7 | 0.00118 | 0.000322 - 0.00302 | 4 |
| Total Asbestos Structures | 19.7 | 0.00118 | 0.000322 - 0.00302 | 4 |
| Asbestos Structures > 5um | 14.8 | 0.000886 | 0.00 - 0.00229 | 3 |
| Asbestos Fibers and Bundles > 5um | 9.9 | 0.000590 | 0.00 - 0.00186 | 2 |
| PCM Equivalent Fibers-US | 9.9 | 0.000590 | 0.00 - 0.00186 | 2 |
| PCM Equivalent Structures-US | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| AHERA-like Total Structures 3:1 | 19.7 | 0.00118 | 0.000322 - 0.00302 | 4 |
| AHERA-like Asb Strucs >5 and 3:1 | 14.8 | 0.000886 | 0.00 - 0.00229 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 9.9 | 0.000590 | 0.00 - 0.00186 | 2 |
| AHERA-like Asb Strucs >10 and 3:1 | 4.9 | 0.000295 | 0.00 - 0.00140 | 1 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S26 A1

Client Sample No. ~~LC~~-SRA-R02-100804

Description

Analysis Date 11/29/2004

Analyst DW

Volume (L) 6576.24

No. of Grid Openings 14

Filter Area (mm2) 385

Area Analyzed (mm2) 0.203

Analytical Sens. (struc/cc) 0.000289

Dectection Limit. (struc/cc) 0.000863

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 49.3 | 0.00289 | 0.00138 - 0.00531 | 10 |
| Total Asbestos Structures | 54.2 | 0.00317 | 0.00158 - 0.00568 | 11 |
| Asbestos Structures > 5um | 34.5 | 0.00202 | 0.000812 - 0.00416 | 7 |
| Asbestos Fibers and Bundles > 5um | 29.6 | 0.00173 | 0.000635 - 0.00377 | 6 |
| PCM Equivalent Fibers-US | 29.6 | 0.00173 | 0.000635 - 0.00377 | 6 |
| PCM Equivalent Structures-US | 9.9 | 0.000577 | 0.00 - 0.00182 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 4.9 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 4.9 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 4.9 | 0.000289 | 0.00 - 0.00137 | 1 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 4.9 | 0.000289 | 0.00 - 0.00137 | 1 |
| AHERA-like Total Structures 3:1 | 49.3 | 0.00289 | 0.00138 - 0.00531 | 10 |
| AHERA-like Asb Strucs >5 and 3:1 | 34.5 | 0.00202 | 0.000812 - 0.00416 | 7 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 14.8 | 0.000866 | 0.00 - 0.00224 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 19.7 | 0.00115 | 0.000315 - 0.00296 | 4 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000863 | 0.00 - 0.000863 | 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 S50 A1 | **Volume (L)** | 6576.24 |
| **Client Sample No.** | LC-SRA-R02-100804 | **No. of Grid Openings** | 14 |
| **Description** | Duplicate Analysis of 041210-26 - Reprep | **Filter Area (mm2)** | 385 |
| **Analysis Date** | 12/6/2004 | **Area Analyzed (mm2)** | 0.203 |
| **Analyst** | KM | **Analytical Sens. (struc/cc)** | 0.000289 |
| | | **Dectection Limit. (struc/cc)** | 0.000863 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 34.5 | 0.00202 | 0.000812 - 0.00416 | 7 |

# *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 S49 A1 | Volume (L) | 6576.24 |
| Client Sample No. | LC-SRA-R02-100804 | No. of Grid Openings | 14 |
| Description | Replicate Analysis of 041210-26 - Reprep | Filter Area (mm2) | 385 |
| Analysis Date | 12/4/2004 | Area Analyzed (mm2) | 0.203 |
| Analyst | DW | Analytical Sens. (struc/cc) | 0.000289 |
| | | Dectection Limit. (struc/cc) | 0.000863 |

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 49.3 | 0.00289 | 0.00138 - 0.00531 | 10 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S27 A1
**Client Sample No.** ~~Le~~-SRA-R03-100804
**Description**
**Analysis Date** 11/29/2004
**Analyst** DW

**Volume (L)** 6001.16
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000295
**Dectection Limit. (struc/cc)** 0.000883

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| Total Asbestos Structures | 13.8 | 0.000885 | 0.00 - 0.00229 | 3 |
| Asbestos Structures > 5um | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| Asbestos Fibers and Bundles > 5um | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| PCM Equivalent Fibers-US | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| PCM Equivalent Structures-US | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| AHERA-like Total Structures 3:1 | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| AHERA-like Asb Strucs >5 and 3:1 | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 9.2 | 0.000590 | 0.00 - 0.00186 | 2 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000883 | 0.00 - 0.000883 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4783 S23 A1
**Client Sample No.** ~~LC~~-SRA-R103-100804
**Description**
**Analysis Date** 11/28/2004
**Analyst** TM

**Volume (L)** 6013.02
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000295
**Dectection Limit. (struc/cc)** 0.000881

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 64.4 | 0.00412 | 0.00225 - 0.00692 | 14 |
| Total Asbestos Structures | 64.4 | 0.00412 | 0.00225 - 0.00692 | 14 |
| Asbestos Structures > 5um | 13.8 | 0.000884 | 0.00 - 0.00228 | 3 |
| Asbestos Fibers and Bundles > 5um | 13.8 | 0.000884 | 0.00 - 0.00228 | 3 |
| PCM Equivalent Fibers-US | 13.8 | 0.000884 | 0.00 - 0.00228 | 3 |
| PCM Equivalent Structures-US | 4.6 | 0.000295 | 0.00 - 0.00140 | 1 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| AHERA-like Total Structures 3:1 | 64.4 | 0.00412 | 0.00225 - 0.00692 | 14 |
| AHERA-like Asb Strucs >5 and 3:1 | 13.8 | 0.000884 | 0.00 - 0.00228 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 13.8 | 0.000884 | 0.00 - 0.00228 | 3 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000881 | 0.00 - 0.000881 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S24 A1
Client Sample No. ~~LO~~-SRA-R04-100804
Description
Analysis Date 11/29/2004
Analyst DW

Volume (L) 6279
No. of Grid Openings 15
Filter Area (mm2) 385
Area Analyzed (mm2) 0.217
Analytical Sens. (struc/cc) 0.000282
Dectection Limit. (struc/cc) 0.000843

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 27.6 | 0.00169 | 0.000621 - 0.00368 | 6 |
| Total Asbestos Structures | 27.6 | 0.00169 | 0.000621 - 0.00368 | 6 |
| Asbestos Structures > 5um | 13.8 | 0.000846 | 0.00 - 0.00219 | 3 |
| Asbestos Fibers and Bundles > 5um | 13.8 | 0.000846 | 0.00 - 0.00219 | 3 |
| PCM Equivalent Fibers-US | 13.8 | 0.000846 | 0.00 - 0.00219 | 3 |
| PCM Equivalent Structures-US | 9.2 | 0.000564 | 0.00 - 0.00178 | 2 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| AHERA-like Total Structures 3:1 | 27.6 | 0.00169 | 0.000621 - 0.00368 | 6 |
| AHERA-like Asb Strucs >5 and 3:1 | 13.8 | 0.000846 | 0.00 - 0.00219 | 3 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 13.8 | 0.000846 | 0.00 - 0.00219 | 3 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000843 | 0.00 - 0.000843 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## ANALYSIS DETAIL

**Lab/Cor Sample No.** B4783 S25 A1
**Client Sample No.** ~~LC~~-SRA-R05-100804
**Description**
**Analysis Date** 11/29/2004
**Analyst** DW

**Volume (L)** 6056.12
**No. of Grid Openings** 15
**Filter Area (mm2)** 385
**Area Analyzed (mm2)** 0.217
**Analytical Sens. (struc/cc)** 0.000292
**Dectection Limit. (struc/cc)** 0.000875

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 32.2 | 0.00205 | 0.000823 - 0.00422 | 7 |
| Total Asbestos Structures | 32.2 | 0.00205 | 0.000823 - 0.00422 | 7 |
| Asbestos Structures > 5um | 27.6 | 0.00175 | 0.000644 - 0.00382 | 6 |
| Asbestos Fibers and Bundles > 5um | 23.0 | 0.00146 | 0.000475 - 0.00341 | 5 |
| PCM Equivalent Fibers-US | 23.0 | 0.00146 | 0.000475 - 0.00341 | 5 |
| PCM Equivalent Structures-US | 13.8 | 0.000877 | 0.00 - 0.00227 | 3 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| AHERA-like Total Structures 3:1 | 32.2 | 0.00205 | 0.000823 - 0.00422 | 7 |
| AHERA-like Asb Strucs >5 and 3:1 | 27.6 | 0.00175 | 0.000644 - 0.00382 | 6 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 4.6 | 0.000292 | 0.00 - 0.00139 | 1 |
| AHERA-like Asb Strucs >10 and 3:1 | 23.0 | 0.00146 | 0.000475 - 0.00341 | 5 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000875 | 0.00 - 0.000875 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R5

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP Sample Set#4-FINAL REPORT

## ANALYSIS DETAIL

Lab/Cor Sample No. B4783 S51 A1

Client Sample No. ~~LC~~-SRA-1ZB-100804

Description

Analysis Date 1/28/2005

Analyst TM

Volume (L) 6655.05

No. of Grid Openings 14

Filter Area (mm2) 385

Area Analyzed (mm2) 0.203

Analytical Sens. (struc/cc) 0.000285

Dectection Limit. (struc/cc) 0.000853

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Total Asbestos Structures | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Asbestos Structures > 5um | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| AHERA-like Total Structures 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000853 | 0.00 - 0.000853 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R5

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP Sample Set#4-FINAL REPORT

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S50 A1

**Client Sample No.** ~~LC~~-SRA-2ZB-100804

**Description**

**Analysis Date** 1/28/2005

**Analyst** TM

**Volume (L)** 7221.6

**No. of Grid Openings** 13

**Filter Area (mm2)** 385

**Area Analyzed (mm2)** 0.188

**Analytical Sens. (struc/cc)** 0.000283

**Dectection Limit. (struc/cc)** 0.000846

| Structure Type | Filter Density (s/mm2) | Concen-tration (struc/cc) | 95% Confidence Interval (struc/cc) | Struc. Count |
|---|---|---|---|---|
| Primary Asbestos Structures | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Total Asbestos Structures | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Asbestos Structures > 5um | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Asbestos Fibers and Bundles > 5um | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PCM Equivalent Fibers-US | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PCM Equivalent Structures-US | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL ASB STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL ASB STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL ASB STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL CHRYS STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS 5-10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS >10 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| PROTOCOL AMPH STRUCS TOTAL | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| AHERA-like Total Structures 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| AHERA-like Asb Strucs >5 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| AHERA-like Asb Strucs 5 - 10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| AHERA-like Asb Strucs >10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Total Other Amphibole Strucs 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs >5 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs 5 - 10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |
| Other Amphibole Strucs >10 and 3:1 | 0.0 | <0.000846 | 0.00 - 0.000846 | 0 |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R5

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP Sample Set#4-FINAL REPORT

## ANALYSIS DETAIL

---

**Lab/Cor Sample No.** B4783 S52 A1
**Client Sample No.** ~~LC~~-SRA-FB-100804
**Description**
**Analysis Date** 1/29/2005
**Analyst** KM

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

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

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R01-100104 *Lab/Cor Sample No.:* B4762 S1 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B42 | ADQ | 1 | | MD1-0 | 5.5 | 3.8 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 1 | B42 | ADQ | | 1 | MF | 1.5 | 0.25 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B12 | AQ | 2 | 2 | F | 16 | 2.5 | 6.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | C12 | ADQ | 3 | | MD1-1 | 10 | 5 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | C12 | ADQ | | 3 | MF | 8 | 0.22 | 36 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| A | 4 | B14 | ADQ | 4 | 4 | F | 12 | 1.8 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | B14 | AQ | 5 | 5 | F | 9.3 | 1.8 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | B14 | AQ | 6 | 6 | F | 4.5 | 0.7 | 6.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | C4 | | NSD | | | | | | | | | |
| A | 6 | C34 | | NSD | | | | | | | | | |
| A | 7 | A31 | | NSD | | | | | | | | | |
| A | 8 | A1 | AQ | 7 | | MD1-0 | 14 | 8 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | A1 | AQ | | 7 | MF | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | D21 | | NSD | | | | | | | | | |
| B | 10 | B33 | | NSD | | | | | | | | | |
| B | 11 | B3 | AZQ | 8 | | MD1-0 | 8 | 4 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 11 | B3 | AZQ | | 8 | MF | 2.5 | 0.8 | 3.1 | 5475 | 15353 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 -1 4 ] - KM | |
| B | 12 | C23 | | NSD | | | | | | | | | |
| B | 13 | B21 | | NSD | | | | | | | | | |
| B | 14 | C1 | | NSD | | | | | | | | | |
| B | 15 | C31 | | NSD | | | | | | | | | |
| B | 16 | A21 | | NSD | | | | | | | | | |
| B | 17 | A1 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R02-100104

*Descripiton:*

*Lab/Cor Sample No.:* B4762 S4 A1

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B32 | | NSD | | | | | | | | | |
| A | 2 | B12 | AQ | 1 | 1 | F | 13 | 2 | 6.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B12 | AQ | 2 | 2 | F | 6 | 2 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | B12 | AQ | 3 | 3 | F | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | C2 | AQ | 4 | 4 | F | 13 | 1.5 | 8.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C22 | AZQ | 5 | 5 | F | 5 | 1.6 | 3.1 | 5484 | 15361 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 4 1 2 ] - KM | TAS_AHRA |
| A | 5 | A41 | AQ | 6 | 6 | F | 4.5 | 0.9 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | A41 | AQ | 7 | 7 | F | 6.8 | 1.8 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | A21 | CDQ | 8 | 8 | F | 1.6 | 0.18 | 8.9 | 5485 | 15362 | Mg, Si Chrysotile Verified - KM | TAS_AHRA |
| A | 7 | A1 | CD | 9 | . | MD1-0 | 1.8 | 1.2 | 1.5 | | | Chrysotile | TAS_AHRA |
| A | 7 | A1 | CD | | 9 | MF | 1.6 | 0.08 | 20 | | | Mg, Si Chrysotile | |
| A | 8 | D11 | AQ | 10 | 10 | F | 4.5 | 1 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 9 | B44 | | NSD | | | | | | | | | |
| B | 10 | B24 | | NSD | | | | | | | | | |
| B | 11 | B4 | | NSD | | | | | | | | | |
| B | 12 | C14 | AQ | 11 | 11 | F | 6.75 | 1.5 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | C34 | AQ | 12 | 12 | B | 9.75 | 1.45 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C43 | | NSD | | | | | | | | | |
| B | 15 | C23 | CDQ | 13 | 13 | B | 2.5 | 0.3 | 8.3 | | | Mg, Al, Fe Chrysotile | TAS_AHRA |
| B | 16 | C3 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R03-100104 *Lab/Cor Sample No.:* B4762 S7 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | | NSD | | | | | | | | | |
| A | 2 | A30 | | NSD | | | | | | | | | |
| A | 3 | B10 | | NSD | | | | | | | | | |
| A | 4 | B13 | | NSD | | | | | | | | | |
| A | 5 | C13 | | NSD | | | | | | | | | |
| A | 6 | C41 | | NSD | | | | | | | | | |
| A | 7 | D31 | | NSD | | | | | | | | | |
| A | 8 | D12 | AQ | 1 | 1 | F | .9 | 0.8 | 11 | | 753 | Mg, Al, Si, Ca, Fe Actinolite too dense for diffraction | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 9 | A1 | | NSD | | | | | | | | | |
| B | 10 | A20 | | NSD | | | | | | | | | |
| B | 11 | B21 | AZQ | 2 | 2 | F | 1.2 | 0.3 | 4.0 | 1025 | 754 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 1 0 ] - KM | TAS_AHRA |
| B | 11 | B21 | AQ | 3 | 3 | F | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C32 | | NSD | | | | | | | | | |
| B | 14 | C40 | AQ | 4 | 4 | F | 3.5 | 0.5 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | C40 | AQ | 5 | 5 | F | 4.9 | 0.55 | 8.9 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 15 | D21 | AQ | 6 | 6 | F | 1.7 | 0.4 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 16 | D13 | AQ | 7 | 7 | F | 2.8 | 0.9 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 17 | D1 | | NSD | | | | | | | | | |
| B | 18 | A3 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R04-100104 *Lab/Cor Sample No.:* B4762 S10 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A12 | AZQ | 1 | 1 | F | 3.8 | 0.3 | 13 | 1015 | 744 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 1 8 ] - KM | TAS_AHRA |
| A | 2 | B22 | AQ | 2 | 2 | F | 3.5 | 1 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | B10 | AQ | 3 | 3 | F | 7.5 | 1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B10 | AQ | 4 | | MD1-0 | 4 | 1.8 | 2.2 | | | Actinolite | TAS_AHRA |
| A | 3 | B10 | AQ | | 4 | MF | 4 | 0.45 | 8.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B10 | AQ | 5 | 5 | F | 4.5 | 1.2 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 4 | A30 | | NSD | | | | | | | | | |
| A | 5 | D2 | AQ | 6 | 6 | F | 7.5 | 1.8 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | D31 | AQ | 7 | 7 | F | 2.5 | 0.7 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | D23 | AQ | 8 | 8 | F | 4 | 1.1 | 3.6 | | | Actinolite | TAS_AHRA |
| A | 8 | C10 | AQ | 9 | | MD1-1 | 7.5 | 4 | 1.9 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | C10 | AQ | | 9 | MF | 7.5 | 0.7 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite Ferrianactinolite | AFB>5, PCMEF-US |
| A | 8 | C10 | AQ | 10 | 10 | F | 2.4 | 0.6 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 9 | C41 | AQ | 11 | 11 | F | 5 | 1 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite Ferrianactinolite | TAS_AHRA |
| A | 10 | C22 | | NSD | | | | | | | | | |
| A | 11 | C14 | | NSD | | | | | | | | | |
| B | 12 | A30 | | NSD | | | | | | | | | |
| B | 13 | A11 | | NSD | | | | | | | | | |
| B | 14 | D21 | | NSD | | | | | | | | | |
| B | 15 | C40 | AQ | 12 | 12 | F | 3.7 | 0.5 | 7.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 16 | C11 | | NSD | | | | | | | | | |
| B | 17 | C24 | AQ | 13 | 13 | F | 9 | 0.8 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 18 | B1 | | NSD | | | | | | | | | |
| B | 19 | B20 | | 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.:* SRA-R04-100104 *Lab/Cor Sample No.:* B4763 S15 A1

*Descripiton:* Replicate Analysis of 041174-10 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A32 | AQ | 1 | 1 | F | 8 | 2 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 2 | A12 | | NSD | | | | | | | | | |
| A | 3 | D2 | | NSD | | | | | | | | | |
| A | 4 | D22 | | NSD | | | | | | | | | |
| A | 5 | D42 | | NSD | | | | | | | | | |
| A | 6 | D40 | | NSD | | | | | | | | | |
| A | 7 | D20 | | NSD | | | | | | | | | |
| A | 8 | A10 | AQ | 2 | 2 | F | 10 | 1.2 | 8.3 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 8 | A10 | AQ | 3 | | MD1-1 | 25 | 8 | 3.1 | | | Actinolite | |
| A | 8 | A10 | AQ | | 3 | MF | 12 | 1.5 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 9 | A30 | | NSD | | | | | | | | | |
| A | 10 | B32 | ADQ | 4 | 4 | F | 8 | 2.2 | 3.6 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 10 | B32 | CDQ | 5 | | MD1-1 | 8 | 5 | 1.6 | | | Chrysotile | |
| A | 10 | B32 | CDQ | | 5 | MB | 6.5 | 0.3 | 22 | | | Mg, Si Chrysotile | |
| B | 11 | B32 | | NSD | | | | | | | | | |
| B | 12 | B12 | AQ | 6 | 6 | F | 5 | 1 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 13 | C2 | | NSD | | | | | | | | | |
| B | 14 | C22 | AQ | 7 | 7 | B | 7.5 | 1.6 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 15 | C42 | | NSD | | | | | | | | | |
| B | 16 | C40 | AQ | 8 | 8 | F | 3.6 | 1 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 17 | C10 | | NSD | | | | | | | | | |
| B | 18 | B20 | AQ | 9 | 9 | F | 7.5 | 1.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 19 | B40 | AQ | 10 | 10 | F | 6 | 0.9 | 6.7 | | | Mg, 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

*Sample No.:* SRA-R04-100104)

*Lab/Cor Sample No.:* B4763 S16 A1

*Descripiton:* Duplicate Analysis of 041174-10 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B22 | | NSD | | | | | | | | | |
| A | 2 | B10 | AQ | 1 | 1 | F | 7.5 | 1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B10 | AQ | 2 | | MD1-0 | 4.3 | 1.5 | 2.9 | | | Actinolite | |
| A | 2 | B10 | AQ | | 2 | MF | 3.5 | 0.22 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B10 | AQ | 3 | 3 | F | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | C10 | AQ | 4 | | MD1-1 | 7.8 | 3.8 | 2.1 | | | Actinolite | |
| A | 3 | C10 | AQ | | 4 | MF | 6.5 | 0.7 | 9.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | C41 | AQ | 5 | 5 | F | 4.5 | 1 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C22 | | NSD | | | | | | | | | |
| A | 6 | C14 | | NSD | | | | | | | | | |
| A | 7 | A30 | | NSD | | | | | | | | | |
| A | 8 | A12 | AQ | 6 | 6 | F | 3.8 | 0.38 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | D2 | AQ | 7 | 7 | F | 2 | 0.6 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 10 | D23 | AQ | 8 | 8 | F | 3 | 0.25 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 11 | D31 | AQ | 9 | 9 | F | 2.5 | 0.4 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | A11 | | NSD | | | | | | | | | |
| B | 13 | A30 | | NSD | | | | | | | | | |
| B | 14 | B1 | | NSD | | | | | | | | | |
| B | 15 | C11 | | NSD | | | | | | | | | |
| B | 16 | C24 | | NSD | | | | | | | | | |
| B | 17 | C40 | AD | 10 | 10 | F | 3.8 | 0.45 | 8.4 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 18 | D21 | AQ | 11 | 11 | F | 5.8 | 1 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R05-100104 *Lab/Cor Sample No.:* B4762 S13 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A20 | AZQ | 1 | 1 | F | 8 | 1 | 8.0 | 1019 | 747 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 5 2 0 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | B22 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C12 | | NSD | | | | | | | | | |
| A | 5 | C30 | | NSD | | | | | | | | | |
| A | 6 | D41 | | NSD | | | | | | | | | |
| A | 7 | D23 | | NSD | | | | | | | | | |
| A | 8 | D10 | AQ | 2 | 2 | F | 5.2 | 0.9 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 9 | A11 | | NSD | | | | | | | | | |
| B | 10 | A30 | | NSD | | | | | | | | | |
| B | 11 | B13 | AQ | 3 | 3 | F | 12 | 2.5 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 11 | B13 | AQ | 4 | 4 | F | 11 | 2.5 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C32 | | NSD | | | | | | | | | |
| B | 14 | D40 | | NSD | | | | | | | | | |
| B | 15 | D32 | | NSD | | | | | | | | | |
| B | 16 | D10 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R01-100204 *Lab/Cor Sample No.:* B4762 S2 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B22 | | NSD | | | | | | | | | |
| A | 2 | C2 | ADQ | 1 | 1 | F | 12 | 1.4 | 8.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | C32 | AZQ | 2 | 2 | F | 1.9 | 0.6 | 3.2 | 5476 | 15354 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 -1 0 ] - KM | TAS_AHRA |
| A | 4 | A41 | CD | 3 | | MD1-0 | 2 | 0.4 | 5.0 | | | Chrysotile tilts into grid bar | TAS_AHRA |
| A | 4 | A41 | CD | | 3 | MF | 0.8 | 0.1 | 8.0 | | | Mg, Si Chrysotile | |
| A | 4 | A41 | ADQ | 4 | 4 | F | 3 | 0.22 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | A21 | AZQ | 5 | | MD1-1 | 16 | 10 | 1.6 | 5478 | 15355 | Mg, Al, Si, Ca, Fe Tremolite Zone Axis [ 3 -1 2 ] - KM | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | A21 | AZQ | | 5 | MF | 8 | 1.2 | 6.7 | | | Mg, Al, Si, Ca, Fe Tremolite | AFB>5, PCMEF-US |
| A | 6 | D11 | ADQ | 6 | 6 | F | 2.8 | 0.4 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | D41 | CDQ | 7 | | MD1-0 | 4 | 1.2 | 3.3 | | | Chrysotile | TAS_AHRA |
| A | 7 | D41 | CDQ | | 7 | MF | 1.2 | 0.08 | 15 | 5479 | 15356 | Mg, Si Chrysotile Verified -KM | |
| B | 8 | B34 | | NSD | | | | | | | | | |
| B | 9 | B14 | | NSD | | | | | | | | | |
| B | 10 | C4 | CMQ | 8 | | MD3-0 | 2 | 1 | 2.0 | | | Chrysotile | TAS_AHRA |
| B | 10 | C4 | CMQ | | 8 | MF | 1.2 | 0.1 | 12 | | | Chrysotile | |
| B | 10 | C4 | CMQ | | 9 | MF | 1 | 0.1 | 10 | | | Chrysotile | |
| B | 10 | C4 | CMQ | | 10 | MF | 0.8 | 0.1 | 8.0 | | | Chrysotile | |
| B | 11 | C24 | | NSD | | | | | | | | | |
| B | 12 | D1 | AQ | 9 | 11 | F | 3 | 0.5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 13 | D21 | AQ | 10 | | MD1-0 | 4.5 | 3.5 | 1.3 | | | Actinolite | TAS_AHRA |
| B | 13 | D21 | AQ | | 12 | MF | 1.3 | 0.35 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | D21 | AQ | 11 | | MD1-0 | 13 | 6 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | D21 | AQ | | 13 | MF | 3 | 0.2 | 15 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | D21 | AQ | 12 | 14 | F | 3.5 | 0.38 | 9.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | D41 | AQ | 13 | 15 | 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 #* 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 S14 A1

*Sample No.:* SRA-R01-100204)

*Descripiton:* Duplicate Analysis of 041174-02 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | AQ | 1 | 1 | F | 9 | 2.2 | 4.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | A2 | | NSD | | | | | | | | | |
| A | 3 | D12 | CDQ | 2 | | MD2-0 | 3 | 2 | 1.5 | | | Chrysotile | |
| A | 3 | D12 | CDQ | | 2 | MB | 3 | 0.2 | 15 | | | Mg, Si Chrysotile | |
| A | 3 | D12 | CDQ | | 3 | MF | 2.2 | 0.06 | 37 | | | Mg, Si Chrysotile | |
| A | 4 | D32 | CMQ | 3 | | MD1-0 | 1.8 | 1.5 | 1.2 | | | Chrysotile | |
| A | 4 | D32 | CMQ | | 4 | MF | 1 | 0.08 | 12 | | | Mg, Si Chrysotile | |
| A | 5 | B41 | AQ | 4 | | MD1-0 | 8 | 7 | 1.1 | | | Actinolite | |
| A | 5 | B41 | AQ | | 5 | MF | 1.8 | 0.35 | 5.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | B21 | AQ | 5 | 6 | F | 5.1 | 0.5 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | B1 | ADQ | 6 | | MD1-1 | 13 | 12 | 1.1 | | | Actinolite | |
| A | 7 | B1 | ADQ | | 7 | MF | 8.5 | 1.8 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | B42 | CD | 7 | | MD1-0 | 2 | 1.5 | 1.3 | | | Chrysotile | |
| B | 8 | B42 | CD | | 8 | MB | 1 | 0.35 | 2.9 | | | Mg, Si Chrysotile | |
| B | 9 | B22 | | NSD | | | | | | | | | |
| B | 10 | B2 | AQ | 8 | | MD1-0 | 8.5 | 4 | 2.1 | | | Actinolite | |
| B | 10 | B2 | AQ | | 9 | MF | 3.5 | 0.8 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | B2 | AQ | 9 | | MD1-0 | 4 | 1.8 | 2.2 | | | Actinolite | |
| B | 10 | B2 | AQ | | 10 | MF | 4 | 0.9 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | C22 | | NSD | | | | | | | | | |
| B | 12 | A31 | AQ | 10 | 11 | F | 13 | 3.8 | 3.4 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | A11 | AQ | 11 | 12 | F | 3 | 0.4 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D1 | AQ | 12 | 13 | F | 8 | 1.8 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D1 | CD | 13 | 14 | B | 4 | 0.35 | 11 | | | Mg, Al, Si, Ca, Fe 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.:* SRA-R01-100204 *Lab/Cor Sample No.:* B4763 S18 A1

*Descripiton:* Duplicate Analysis of 041174-02 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | AQ | 1 | 1 | F | 7 | 1.5 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | A2 | AQ | 2 | 2 | F | 1.5 | 0.5 | 3.0 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 3 | D12 | | NSD | | | | | | | | | |
| A | 4 | D32 | CDQ | 3 | | MD1-0 | 2 | 1.5 | 1.3 | | | Chrysotile | |
| A | 4 | D32 | CDQ | | 3 | MF | 2 | 0.05 | 40 | | | Mg, Si Chrysotile | |
| A | 5 | D40 | AQ | 4 | 4 | F | 5.5 | 0.8 | 6.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | D40 | AQ | 5 | 5 | F | 5.5 | 1.2 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | D40 | AQ | 6 | 6 | F | 8 | 1.8 | 4.4 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 6 | B10 | | NSD | | | | | | | | | |
| A | 7 | C2 | AQ | 7 | 7 | F | 10 | 2.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | B22 | | NSD | | | | | | | | | |
| B | 9 | B2 | AQ | 8 | 8 | B | 7.5 | 1.2 | 6.2 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 9 | B2 | AQ | 9 | 9 | F | 5.8 | 1.5 | 3.9 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 10 | C12 | | NSD | | | | | | | | | |
| B | 11 | C32 | | NSD | | | | | | | | | |
| B | 12 | D40 | AQ | 10 | 10 | F | 7.5 | 0.6 | 12 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 13 | A10 | | NSD | | | | | | | | | |
| B | 14 | A30 | CDQ | 11 | 11 | B | 7.5 | 1.5 | 5.0 | | | Mg, Si Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R101-100204 *Lab/Cor Sample No.:* B4762 S16 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A12 | | NSD | | | | | | | | | |
| A | 2 | A30 | | NSD | | | | | | | | | |
| A | 3 | B21 | | NSD | | | | | | | | | |
| A | 4 | B14 | | NSD | | | | | | | | | |
| A | 5 | C2 | CDQ | 1 | 1 | F | 1.6 | 0.05 | 32 | 1024 | 752 | Mg, Si Chrysotile Verified - KM | TAS_AHRA |
| A | 6 | C33 | | NSD | | | | | | | | | |
| A | 7 | D30 | CDQ | 2 | 2 | B | 4 | 0.3 | 13 | | | Mg, Si Chrysotile | TAS_AHRA |
| B | 8 | A2 | CDQ | 3 | 3 | B | 6 | 0.15 | 40 | | | Mg, Si Chrysotile | AS>5, AFB>5, PSAS 5-10, PSAS TOT, PCAS 5-10, PCAS TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 9 | A32 | | NSD | | | | | | | | | |
| B | 10 | B40 | | NSD | | | | | | | | | |
| B | 11 | B22 | | NSD | | | | | | | | | |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C30 | | NSD | | | | | | | | | |
| B | 14 | D10 | | 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 #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R02-100204 *Lab/Cor Sample No.:* B4762 S5 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | CDQ | 1 | 1 | F | 2.3 | 0.05 | 46 | 5486 | 15363 | Mg, Si Chrysotile Verified - KM | TAS_AHRA |
| A | 4 | C14 | CD | 2 | 2 | F | 3.1 | 0.05 | 62 | | | Chrysotile | TAS_AHRA |
| A | 4 | C14 | AZQ | 3 | | MD1-1 | 16 | 6 | 2.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C14 | AZQ | | 3 | MF | 16 | 2.25 | 7.1 | 5487 | 15364 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 7 -1 0 ] - KM | AFB>5, PCMEF-US |
| A | 4 | C14 | CD | 4 | 4 | B | 1.6 | 0.15 | 11 | | | Chrysotile | TAS_AHRA |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C23 | CDQ | 5 | 5 | B | 14 | 0.75 | 19 | | | Mg, Si, Fe Chrysotile | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 8 | B44 | | NSD | | | | | | | | | |
| B | 9 | B24 | AQ | 6 | 6 | F | 2 | 0.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | B4 | | NSD | | | | | | | | | |
| B | 11 | C14 | AQ | 7 | 7 | F | 0.55 | 0.15 | 3.7 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | C34 | | NSD | | | | | | | | | |
| B | 13 | C43 | AQ | 8 | 8 | F | 6.75 | 1.4 | 4.8 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C23 | CDQ | 9 | | MD1-0 | 4.25 | 2 | 2.1 | | | Chrysotile | TAS_AHRA |
| B | 14 | C23 | CDQ | | 9 | MB | 4.25 | 0.75 | 5.7 | | | Mg, Si, Fe Chrysotile | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R03-100204 *Lab/Cor Sample No.:* B4762 S8 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | | NSD | | | | | | | | | |
| A | 2 | B13 | | NSD | | | | | | | | | |
| A | 3 | C13 | ADQ | 1 | 1 | F | 2.7 | 0.38 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 4 | B21 | | NSD | | | | | | | | | |
| A | 5 | B1 | | NSD | | | | | | | | | |
| A | 6 | C11 | AZQ | 2 | 2 | F | 3.2 | 0.5 | 6.4 | 5492 | 15369 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 -1 1 ] - KM | TAS_AHRA |
| A | 7 | A31 | ADQ | 3 | 3 | F | 5.1 | 0.38 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | A11 | | NSD | | | | | | | | | |
| B | 9 | B34 | | NSD | | | | | | | | | |
| B | 10 | B14 | | NSD | | | | | | | | | |
| B | 11 | C4 | | NSD | | | | | | | | | |
| B | 12 | C24 | | NSD | | | | | | | | | |
| B | 13 | C1 | AQ | 4 | 4 | F | 20 | 4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 14 | C21 | | NSD | | | | | | | | | |
| B | 15 | C41 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R04-100204 *Lab/Cor Sample No.:* B4762 S11 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A32 | | NSD | | | | | | | | | |
| A | 2 | B20 | AZQ | 1 | 1 | F | 5.2 | 1.2 | 4.3 | 1016 | 15508 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 5 0 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | C3 | CD | 2 | | MD4-0 | 5.8 | 4 | 1.5 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | C3 | CD | | 2 | MF | 4 | 0.08 | 50 | 1017 | | Chrysotile tilts into grid bar - Verified - KM | |
| A | 3 | C3 | CD | | 3 | MF | 3.9 | 0.08 | 49 | | | Chrysotile | |
| A | 3 | C3 | CM | | 4 | MF | 3 | 0.06 | 50 | | | Chrysotile | |
| A | 3 | C3 | CD | | 5 | MF | 2.3 | 0.2 | 12 | | | Chrysotile | |
| A | 3 | C3 | AQ | 3 | 6 | F | 2.4 | 0.3 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 4 | C31 | | NSD | | | | | | | | | |
| A | 5 | C10 | AQ | 4 | 7 | F | 4 | 0.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | D21 | AQ | 5 | 8 | F | 4 | 0.25 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | D3 | | NSD | | | | | | | | | |
| A | 8 | A11 | | NSD | | | | | | | | | |
| B | 9 | A2 | | NSD | | | | | | | | | |
| B | 10 | A30 | AQ | 6 | | MD1-1 | 5.1 | 2.3 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 10 | A30 | AQ | | 9 | MF | 5.1 | 0.25 | 20 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| B | 11 | B23 | | NSD | | | | | | | | | |
| B | 12 | C2 | AQ | 7 | 10 | F | 8 | 0.5 | 16 | | | Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | C31 | | NSD | | | | | | | | | |
| B | 14 | D21 | | NSD | | | | | | | | | |
| B | 15 | D1 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R05-100204 *Lab/Cor Sample No.:* B4762 S14 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A20 | | NSD | | | | | | | | | |
| A | 2 | A32 | AZQ | 1 | 1 | F | 3 | 0.5 | 6.0 | 1020 | 748 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 0 0 ] - KM | TAS_AHRA |
| A | 2 | A32 | CDQ | 2 | 2 | B | 9 | 2.3 | 3.9 | 1021 | 749 | Chrysotile Verified - KM | AS>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | A32 | AQ | 3 | 3 | B | 6.2 | 2.4 | 2.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B10 | AQ | 4 | | MD1-1 | 10 | 7 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B10 | AQ | | 4 | MF | 10 | 1 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | B23 | | NSD | | | | | | | | | |
| A | 5 | B3 | | NSD | | | | | | | | | |
| A | 6 | C23 | AQ | 5 | 5 | F | 7 | 1.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 7 | C30 | | NSD | | | | | | | | | |
| A | 8 | D11 | | NSD | | | | | | | | | |
| B | 9 | A12 | | NSD | | | | | | | | | |
| B | 10 | A31 | AQ | 6 | 6 | F | 2.3 | 0.51 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | A31 | AQ | 7 | 7 | F | 3.5 | 0.6 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | B20 | | NSD | | | | | | | | | |
| B | 12 | B23 | CDQ | 8 | | MD1-0 | 4 | 2.7 | 1.5 | | | Chrysotile | TAS_AHRA |
| B | 12 | B23 | CDQ | | 8 | MF | 4 | 0.05 | 80 | | | Mg, Si Chrysotile | |
| B | 13 | C11 | | NSD | | | | | | | | | |
| B | 14 | C40 | | NSD | | | | | | | | | |
| B | 15 | D2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R01-100304 *Lab/Cor Sample No.:* B4762 S3 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B4 | | NSD | | | | | | | | | |
| A | 3 | C24 | | NSD | | | | | | | | | |
| A | 4 | B42 | AZQ | 1 | 1 | F | 3 | 0.38 | 7.9 | 5481 | 15358 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 5 3 2 ] - KM | TAS_AHRA |
| A | 5 | B12 | | NSD | | | | | | | | | |
| A | 6 | C12 | ADQ | 2 | 2 | F | 3 | 0.7 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | C12 | AQ | 3 | 3 | F | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C42 | AQ | 4 | 4 | F | 2 | 0.2 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C42 | CDQ | 5 | | MD1-0 | 3 | 1.5 | 2.0 | | | Chrysotile | TAS_AHRA |
| A | 7 | C42 | CDQ | | 5 | MF | 1.8 | 0.1 | 18 | 5482 | 15359 | Mg, Si Chrysotile Verified - KM | |
| B | 8 | B41 | | NSD | | | | | | | | | |
| B | 9 | B11 | | NSD | | | | | | | | | |
| B | 10 | C11 | CD | 6 | | MD1-0 | 3.8 | 1.8 | 2.1 | | | Chrysotile | TAS_AHRA |
| B | 10 | C11 | CD | | 6 | MF | 3.8 | 0.08 | 48 | | | Chrysotile | |
| B | 11 | C41 | | NSD | | | | | | | | | |
| B | 12 | A1 | | NSD | | | | | | | | | |
| B | 13 | D11 | | NSD | | | | | | | | | |
| B | 14 | D31 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R02-100304 *Lab/Cor Sample No.:* B4762 S6 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | CDQ | 1 | | MD1-0 | 7 | 4 | 1.8 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | B24 | CDQ | | 1 | MF | 2.4 | 0.1 | 24 | 5488 | 15365 | Mg, Si, Ca Chrysotile Verified - KM | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AZQ | 2 | 2 | F | 1.35 | 0.25 | 5.4 | 5490 | 15367 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 3 -1 0 ] - KM | TAS_AHRA |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C23 | | NSD | | | | | | | | | |
| B | 8 | B41 | | NSD | | | | | | | | | |
| B | 9 | B11 | | NSD | | | | | | | | | |
| B | 10 | C11 | | NSD | | | | | | | | | |
| B | 11 | C41 | | NSD | | | | | | | | | |
| B | 12 | A31 | | NSD | | | | | | | | | |
| B | 13 | D11 | ADQ | 3 | 3 | F | 3.8 | 0.8 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | A11 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R03-100304 *Lab/Cor Sample No.:* B4762 S9 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | | NSD | | | | | | | | | |
| A | 2 | B23 | | NSD | | | | | | | | | |
| A | 3 | B3 | | NSD | | | | | | | | | |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | A41 | | NSD | | | | | | | | | |
| A | 6 | A21 | | NSD | | | | | | | | | |
| A | 7 | A1 | | NSD | | | | | | | | | |
| A | 8 | D30 | | NSD | | | | | | | | | |
| B | 9 | B41 | AZQ | 1 | | MD1-0 | 3 | 0.8 | 3.8 | | | Actinolite | TAS_AHRA |
| B | 9 | B41 | AZQ | | 1 | MF | 3 | 0.35 | 8.6 | 5493 | 15370 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 2 0 1 ] - KM | |
| B | 9 | B41 | | NSD | | | | | | | | | |
| B | 10 | B21 | | NSD | | | | | | | | | |
| B | 11 | B1 | | NSD | | | | | | | | | |
| B | 12 | C11 | | NSD | | | | | | | | | |
| B | 13 | A41 | | NSD | | | | | | | | | |
| B | 14 | A21 | | NSD | | | | | | | | | |
| B | 15 | A1 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R04-100304 *Lab/Cor Sample No.:* B4762 S12 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | AZQ | 1 | 1 | F | 6 | 0.35 | 17 | 1018 | 246 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 7 1 6 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | A30 | | NSD | | | | | | | | | |
| A | 3 | B22 | AQ | 2 | 2 | F | 25 | 5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C40 | | NSD | | | | | | | | | |
| A | 6 | D32 | | NSD | | | | | | | | | |
| A | 7 | D10 | | NSD | | | | | | | | | |
| A | 8 | A1 | | NSD | | | | | | | | | |
| B | 9 | A30 | AQ | 3 | 3 | F | 2.4 | 0.3 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 9 | A30 | AQ | 4 | 4 | F | 2.8 | 0.7 | 4.0 | | | Actinolite | TAS_AHRA |
| B | 10 | B22 | | NSD | | | | | | | | | |
| B | 11 | B2 | | NSD | | | | | | | | | |
| B | 12 | C31 | AQ | 5 | 5 | F | 4.2 | 0.5 | 8.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | C31 | AQ | 6 | 6 | F | 2.7 | 0.55 | 4.9 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 13 | C23 | AQ | 7 | 7 | F | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | D10 | AQ | 8 | 8 | F | 12 | 2.4 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 15 | D30 | | NSD | | | | | | | | | |
| B | 16 | A2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041174R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site# 0440.01CP, 0440.01CP-0010- FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* SRA-R05-100304 *Lab/Cor Sample No.:* B4762 S15 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A30 | | NSD | | | | | | | | | |
| A | 2 | B10 | | NSD | | | | | | | | | |
| A | 3 | B42 | | NSD | | | | | | | | | |
| A | 4 | C22 | | NSD | | | | | | | | | |
| A | 5 | C31 | AZQ | 1 | 1 | F | 2.8 | 0.5 | 5.6 | 1022 | 750 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 4 0 3 ] - KM. | TAS_AHRA |
| A | 6 | D20 | | NSD | | | | | | | | | |
| A | 7 | D2 | | NSD | | | | | | | | | |
| B | 8 | B30 | AQ | 2 | 2 | F | 2.6 | 0.4 | 6.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 9 | B2 | | NSD | | | | | | | | | |
| B | 10 | C21 | | NSD | | | | | | | | | |
| B | 11 | C30 | | NSD | | | | | | | | | |
| B | 12 | D22 | CDQ | 3 | | MD1-0 | 3 | 1.5 | 2.0 | | | Chrysotile | TAS_AHRA |
| B | 12 | D22 | CDQ | | 3 | MF | 3 | 0.05 | 60 | 1023 | 751 | Mg, Si Chrysotile Verified - KM | |
| B | 13 | D1 | | NSD | | | | | | | | | |
| B | 14 | A12 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R01-100404 *Lab/Cor Sample No.:* B4783 S1 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | AZQ | 1 | | MD1-0 | 6 | 5 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B4 | AZQ | | 1 | MF | 1.5 | 0.15 | 10 | 5576 | 15436 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 1 0 0] - DW | |
| A | 4 | C14 | | NSD | | | | | | | | | |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C32 | | NSD | | | | | | | | | |
| A | 8 | C12 | | NSD | | | | | | | | | |
| A | 9 | B2 | | NSD | | | | | | | | | |
| A | 10 | B22 | | NSD | | | | | | | | | |
| B | 11 | B41 | | NSD | | | | | | | | | |
| B | 12 | B21 | | NSD | | | | | | | | | |
| B | 13 | B1 | | NSD | | | | | | | | | |
| B | 14 | C11 | | NSD | | | | | | | | | |
| B | 15 | C31 | | NSD | | | | | | | | | |
| B | 16 | C42 | AQ | 2 | | MD1-0 | 14 | 10 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 16 | C42 | AQ | | 2 | MF | 5 | 1.3 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 17 | C22 | AZQ | 3 | 3 | F | 1.5 | 0.5 | 3.0 | 5578 | 15438 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 3 -1 2] - DW | TAS_AHRA |
| B | 18 | C2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R02-100404 *Lab/Cor Sample No.:* B4783 S2 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | | NSD | | | | | | | | | |
| A | 2 | B23 | | NSD | | | | | | | | | |
| A | 3 | B3 | | NSD | | | | | | | | | |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | C33 | | NSD | | | | | | | | | |
| A | 6 | C42 | AQ | 1 | | MD1-0 | 3 | 1 | 3.0 | | | Actinolite | TAS_AHRA |
| A | 6 | C42 | AQ | | 1 | MF | 3 | 0.35 | 8.6 | | 15468 | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C22 | | NSD | | | | | | | | | |
| A | 8 | C2 | | NSD | | | | | | | | | |
| A | 9 | B12 | | NSD | | | | | | | | | |
| A | 10 | B32 | | NSD | | | | | | | | | |
| B | 11 | A41 | | NSD | | | | | | | | | |
| B | 12 | A21 | | NSD | | | | | | | | | |
| B | 13 | A1 | | NSD | | | | | | | | | |
| B | 14 | D11 | AQ | 2 | | MD1-1 | 20 | 15 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 14 | D11 | AQ | | 2 | MF | 15 | 3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 14 | D11 | AQ | 3 | 3 | F | 7.5 | 1.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 15 | D31 | | NSD | | | | | | | | | |
| B | 16 | D42 | | NSD | | | | | | | | | |
| B | 17 | D22 | | NSD | | | | | | | | | |
| B | 18 | D2 | AZQ | 4 | 4 | F | 9 | 0.5 | 18 | 1133 | 827 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 3 0 5 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R03-100404 *Lab/Cor Sample No.:* B4783 S3 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AQ | 1 | | MD1-0 | 7.5 | 5 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C14 | AQ | | 1 | MF | 5 | 0.75 | 6.7 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C32 | | NSD | | | | | | | | | |
| A | 8 | C12 | | NSD | | | | | | | | | |
| A | 9 | B2 | | NSD | | | | | | | | | |
| A | 10 | B22 | | NSD | | | | | | | | | |
| A | 11 | B42 | | NSD | | | | | | | | | |
| A | 12 | B31 | AZQ | 2 | 2 | F | 1.5 | 0.35 | 4.3 | 5579 | 15439 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 3-1-1] - DW | TAS_AHRA |
| B | 13 | B43 | | NSD | | | | | | | | | |
| B | 14 | B23 | AZQ | 3 | 3 | F | 1.7 | 0.4 | 4.2 | 5580 | 15440 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 3-1 2] - DW | TAS_AHRA |
| B | 15 | B3 | | NSD | | | | | | | | | |
| B | 16 | C23 | | NSD | | | | | | | | | |
| B | 17 | C33 | | NSD | | | | | | | | | |
| B | 18 | C43 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R04-100404 *Lab/Cor Sample No.:* B4783 S4 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AZQ | 1 | | MD1-1 | 8 | 3 | 2.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C14 | AZQ | | 1 | MF | 8 | 0.9 | 8.9 | 1134 | 15469 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 0 0 ] - KM | AFB>5, PCMEF-US |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C32 | | NSD | | | | | | | | | |
| A | 8 | C12 | | NSD | | | | | | | | | |
| A | 9 | B2 | | NSD | | | | | | | | | |
| A | 10 | B22 | AQ | 2 | | MD2-1 | 30 | 15 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 10 | B22 | AQ | | 2 | MB | 6 | 1.3 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | PCMEF-US |
| A | 10 | B22 | AQ | | 3 | MF | 1.2 | 0.25 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 10 | B22 | AQ | 3 | 4 | F | 2 | 0.25 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 10 | B22 | AQ | 4 | | MD1-0 | 2 | 1 | 2.0 | | | Actinolite | TAS_AHRA |
| A | 10 | B22 | AQ | | 5 | MF | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | A31 | AQ | 5 | 6 | F | 11 | 3 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 11 | A31 | AQ | 6 | 7 | F | 4 | 0.75 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | A11 | AQ | 7 | | MD1-1 | 9 | 4 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 12 | A11 | AQ | | 8 | MF | 7.5 | 2 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 13 | D1 | | NSD | | | | | | | | | |
| B | 14 | D21 | AQ | 8 | | MD1-0 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | D21 | AQ | | 9 | MF | 5 | 0.75 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 15 | D41 | | NSD | | | | | | | | | |
| B | 16 | D30 | | NSD | | | | | | | | | |
| B | 17 | D10 | AQ | 9 | | MD1-1 | 15 | 10 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 17 | D10 | AQ | | 10 | MF | 6 | 0.75 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 18 | C20 | AQ | 10 | | MD1-0 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 18 | C20 | AQ | | 11 | MF | 5 | 1.1 | 4.5 | | | 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

*Sample No.:* ~~LC~~-SRA-R04-100404 *Lab/Cor Sample No.:* B4763 S37 A1

*Descripiton:* Duplicate Analysis of 041210-04 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 1 | B44 | | NSD | | | | | | | | | |
| B | 2 | B24 | | NSD | | | | | | | | | |
| B | 3 | B4 | | NSD | | | | | | | | | |
| B | 4 | C24 | ADQ | 1 | | MD1-0 | 3 | 2.5 | 1.2 | | | Actinolite | |
| B | 4 | C24 | ADQ | | 1 | MF | 1.2 | 0.22 | 5.5 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 5 | B42 | ADQ | 2 | 2 | F | 4 | 0.7 | 5.7 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 6 | B22 | | NSD | | | | | | | | | |
| B | 7 | B2 | | NSD | | | | | | | | | |
| B | 8 | C12 | | NSD | | | | | | | | | |
| B | 9 | C21 | | NSD | | | | | | | | | |
| C | 10 | B43 | AQ | 3 | 3 | F | 4.8 | 0.7 | 6.9 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 11 | B23 | | NSD | | | | | | | | | |
| C | 12 | C3 | AQ | 4 | | MD1-0 | 4.5 | 3 | 1.5 | | | Actinolite | |
| C | 12 | C3 | AQ | | 4 | MF | 1.3 | 0.4 | 3.2 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 13 | C33 | | NSD | | | | | | | | | |
| C | 14 | B21 | | NSD | | | | | | | | | |
| C | 15 | B1 | | NSD | | | | | | | | | |
| C | 16 | C11 | | NSD | | | | | | | | | |
| C | 17 | A21 | AQ | 5 | 5 | F | 4 | 0.5 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 18 | A1 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R05-100404 *Lab/Cor Sample No.:* B4783 S5 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | | NSD | | | | | | | | | |
| A | 3 | B1 | | NSD | | | | | | | | | |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C31 | | NSD | | | | | | | | | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C33 | | NSD | | | | | | | | | |
| A | 8 | C13 | | NSD | | | | | | | | | |
| A | 9 | B3 | | NSD | | | | | | | | | |
| A | 10 | B23 | | NSD | | | | | | | | | |
| A | 11 | B43 | AZQ | 1 | 1 | F | 4.5 | 0.5 | 9.0 | 1135 | 15470 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 4 0 3 ] - KM | TAS_AHRA |
| B | 12 | A31 | | NSD | | | | | | | | | |
| B | 13 | A11 | AQ | 2 | | MD1-1 | 12 | 7.5 | 1.6 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | A11 | AQ | | 2 | MF | 5.5 | 0.6 | 9.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 13 | A11 | AQ | 3 | | MD1-0 | 20 | 12 | 1.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | A11 | AQ | | 3 | MF | 2.5 | 0.8 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D1 | | NSD | | | | | | | | | |
| B | 15 | D11 | | NSD | | | | | | | | | |
| B | 16 | D41 | | NSD | | | | | | | | | |
| B | 17 | C1 | | NSD | | | | | | | | | |
| B | 18 | C21 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R01-100504 *Lab/Cor Sample No.:* B4783 S10 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | CDQ | 1 | 1 | F | 1.45 | 0.15 | 9.7 | 5601 | 15452 | Mg, Si, Fe Chrysotile Verified DW | TAS_AHRA |
| A | 1 | B44 | AQ | 2 | 2 | F | 2.25 | 0.4 | 5.6 | | 15453 | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AZQ | 3 | | MD1-0 | 11.5 | 9.5 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C14 | AZQ | | 3 | MF | 4 | 0.55 | 7.3 | 5602 | 15454 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 3 0] KM | |
| A | 5 | C34 | AQ | 4 | 4 | F | 5.5 | 0.75 | 7.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 5 | C34 | AQ | 5 | 5 | F | 3.75 | 1.1 | 3.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | C43 | AQ | 6 | 6 | F | 12 | 3.5 | 3.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | C43 | AQ | 7 | 7 | F | 11.5 | 1.75 | 6.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 7 | C23 | | NSD | | | | | | | | | |
| B | 8 | B44 | AQ | 8 | 8 | F | 6.5 | 1.75 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 8 | B44 | CDQ | 9 | | MD1-0 | 3.75 | 1.25 | 3.0 | | | Chrysotile | TAS_AHRA |
| B | 8 | B44 | CDQ | | 9 | MF | 2 | 0.05 | 40 | 5603 | 15455 | Mg, Si, Fe Chrysotile Verified DW | |
| B | 9 | B24 | | NSD | | | | | | | | | |
| B | 10 | B4 | AQ | 10 | 10 | F | 1.5 | 0.2 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | B4 | AQ | 11 | 11 | F | 2.75 | 0.75 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | C14 | | NSD | | | | | | | | | |
| B | 12 | C34 | | NSD | | | | | | | | | |
| B | 13 | C43 | AQ | 12 | | MD1-0 | 2.75 | 1.05 | 2.6 | | | Actinolite | TAS_AHRA |
| B | 13 | C43 | AQ | | 12 | MF | 2.25 | 0.25 | 9.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | C23 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R103-100504 *Lab/Cor Sample No.:* B4783 S6 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | AZQ | 1 | 1 | F | 5.5 | 0.8 | 6.9 | 5583 | 15441 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 3 0 2] - DW | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AQ | 2 | 2 | F | 6.25 | 0.75 | 8.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C14 | AQ | 3 | | MD1-0 | 6 | 5.5 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C14 | AQ | | 3 | MF | 3.8 | 0.5 | 7.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C34 | AQ | 4 | | MD1-0 | 2.5 | 0.9 | 2.8 | | | Actinolite | TAS_AHRA |
| A | 5 | C34 | AQ | | 4 | MF | 2.5 | 0.4 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C43 | AQ | 5 | | MD1-0 | 9 | 5 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | C43 | AQ | | 5 | MF | 4 | 0.3 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C23 | | NSD | | | | | | | | | |
| A | 8 | C3 | AQ | 6 | 6 | F | 6.75 | 0.75 | 9.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | C3 | AQ | 7 | | MD1-1 | 19 | 11.5 | 1.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | C3 | AQ | | 7 | MF | 14 | 2.5 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 9 | B44 | AQ | 8 | | MD1-0 | 4.5 | 2 | 2.2 | | | Actinolite | TAS_AHRA |
| B | 9 | B44 | AQ | | 8 | MF | 2.6 | 0.25 | 10 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 10 | B24 | | NSD | | | | | | | | | |
| B | 11 | B4 | | NSD | | | | | | | | | |
| B | 12 | C34 | | NSD | | | | | | | | | |
| B | 13 | C43 | | NSD | | | | | | | | | |
| B | 14 | C23 | AQ | 9 | | MD1-0 | 8.25 | 7 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C23 | AQ | | 9 | MF | 4.8 | 1.25 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 15 | C3 | | 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.:* ~~LC~~-SRA-R103-100504 *Lab/Cor Sample No.:* B4763 S38 A1

*Descripiton:* Duplicate Analysis of 041210-06 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | | NSD | | | | | | | | | |
| A | 3 | B1 | | NSD | | | | | | | | | |
| A | 4 | C11 | AQ | 1 | | MD1-1 | 7.5 | 5 | 1.5 | | | Actinolite | |
| A | 4 | C11 | AQ | | 1 | MF | 7.5 | 2.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | C11 | CMQ | 2 | 2 | F | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| A | 5 | C31 | AQ | 3 | | MD1-0 | 4 | 3 | 1.3 | | | Actinolite | |
| A | 5 | C31 | AQ | | 3 | MF | 3 | 0.65 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | D40 | | NSD | | | | | | | | | |
| A | 7 | D20 | AQ | 4 | 4 | F | 12 | 3 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | A1 | | NSD | | | | | | | | | |
| A | 9 | A21 | | NSD | | | | | | | | | |
| A | 10 | A41 | | NSD | | | | | | | | | |
| C | 11 | A41 | | NSD | | | | | | | | | |
| C | 12 | A21 | | NSD | | | | | | | | | |
| C | 13 | A1 | | NSD | | | | | | | | | |
| C | 14 | D11 | | NSD | | | | | | | | | |
| C | 15 | D31 | AQ | 5 | 5 | F | 2.5 | 0.75 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 15 | D31 | AQ | 6 | | MD1-1 | 35 | 25 | 1.4 | | | Actinolite | |
| C | 15 | D31 | AQ | | 6 | MF | 14 | 1.2 | 12 | | | 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

*Sample No.:* ~~LC~~-SRA-R103-100504 *Lab/Cor Sample No.:* B4763 S39 A1

*Descripiton:* Duplicate Analysis of 041210-06 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 1 | A42 | | NSD | | | | | | | | | |
| B | 2 | A22 | | NSD | | | | | | | | | |
| B | 3 | D2 | | NSD | | | | | | | | | |
| B | 4 | A30 | CD | 1 | 1 | F | 0.8 | 0.03 | 27 | | | Chrysotile | |
| B | 5 | A10 | | NSD | | | | | | | | | |
| B | 6 | B41 | | NSD | | | | | | | | | |
| B | 7 | B21 | | NSD | | | | | | | | | |
| B | 8 | B1 | AQ | 2 | 2 | F | 2.7 | 0.9 | 3.0 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 9 | B43 | | NSD | | | | | | | | | |
| C | 10 | B23 | AQ | 3 | 3 | F | 7.5 | 0.9 | 8.3 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 10 | B23 | AQ | 4 | | MD1-1 | 9.3 | 5 | 1.9 | | | Actinolite | |
| C | 10 | B23 | AQ | | 4 | MF | 9.3 | 1.5 | 6.2 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 11 | B3 | | NSD | | | | | | | | | |
| C | 12 | C13 | AQ | 5 | | MD1-0 | 4.5 | 4 | 1.1 | | | Actinolite | |
| C | 12 | C13 | AQ | | 5 | MF | 2 | 0.5 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 13 | B11 | AQ | 6 | | MD1-1 | 12 | 3 | 4.0 | | | Actinolite | |
| C | 13 | B11 | AQ | | 6 | MF | 11.5 | 2 | 5.8 | | | Mg, Si, Ca, Fe Actinolite | |
| C | 14 | C1 | | NSD | | | | | | | | | |
| C | 15 | C21 | AQ | 7 | | MD1-0 | 8 | 4 | 2.0 | | | Actinolite | |
| C | 15 | C21 | AQ | | 7 | MF | 4 | 1.2 | 3.3 | | | Mg, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LE-SRA-R02-100504 *Lab/Cor Sample No.:* B4783 S9 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | AQ | 1 | 1 | F | 1.2 | 0.25 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 2 | B23 | AQ | 2 | | MD2-0 | 5 | 5 | 1.0 | | | Actinolite | TAS_AHRA |
| A | 2 | B23 | AQ | | 2 | MF | 4 | 0.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B23 | AQ | | 3 | MF | 1.5 | 0.35 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B3 | | NSD | | | | | | | | | |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | C33 | | NSD | | | | | | | | | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C22 | | NSD | | | | | | | | | |
| A | 8 | C2 | AQ | 3 | | MD1-0 | 17 | 15 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | C2 | AQ | | 4 | MF | 4 | 0.65 | 6.2 | | 15449 | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | C2 | AQ | 4 | | MD2-0 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | C2 | AQ | | 5 | MF | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | C2 | AQ | | 6 | MF | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | B12 | | NSD | | | | | | | | | |
| B | 10 | B20 | AZQ | 5 | 7 | F | 15 | 2 | 7.5 | 5595 | 15450 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 1 2] - DW | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 11 | B40 | | NSD | | | | | | | | | |
| B | 12 | B42 | | NSD | | | | | | | | | |
| B | 13 | B22 | AQ | 6 | 8 | F | 14 | 4 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | B22 | CDQ | 7 | 9 | B | 7.5 | 0.85 | 8.8 | 5596 | 15451 | Mg, Si Chrysotile Verified DW | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | B2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~Le~~-SRA-R03-100504 *Lab/Cor Sample No.:* B4783 S8 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | | NSD | | | | | | | | | |
| A | 3 | B1 | AQ | 1 | | MD1-1 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B1 | AQ | | 1 | MF | 10 | 2.75 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C31 | | NSD | | | | | | | | | |
| A | 6 | C42 | AZQ | 2 | | MD1-0 | 16 | 10 | 1.6 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | C42 | AZQ | | 2 | MF | 1 | 0.1 | 10 | 5592 | 15447 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 3 0 1] DW; Pottasian Modifier | |
| A | 7 | C33 | | NSD | | | | | | | | | |
| A | 8 | C13 | AQ | 3 | | MD1-1 | 7.5 | 2 | 3.8 | | | Actinolite | AS>5, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | C13 | AQ | | 3 | MF | 5.5 | 2 | 2.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5 |
| A | 9 | B3 | | NSD | | | | | | | | | |
| A | 10 | B23 | | NSD | | | | | | | | | |
| B | 11 | A31 | AZQ | 4 | 4 | F | 1.5 | 0.5 | 3.0 | 5594 | 15448 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 -1 4] DW | TAS_AHRA |
| B | 12 | A11 | AQ | 5 | | MD1-1 | 10 | 9 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 12 | A11 | AQ | | 5 | MF | 5.5 | 0.35 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| B | 13 | D1 | | NSD | | | | | | | | | |
| B | 14 | D21 | | NSD | | | | | | | | | |
| B | 15 | D41 | AQ | 6 | 6 | F | 2.5 | 0.6 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R04-100504 *Lab/Cor Sample No.:* B4783 S7 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | CDQ | 1 | 1 | B | 1.25 | 0.15 | 8.3 | 5586 | 15442 | Mg, Si Chrysotile Verified DW | TAS_AHRA |
| A | 2 | B24 | OZQ | 2 | 2 | F | 3.5 | 0.3 | 12 | 5587 | 15443 | Mg, Si, Ca, Fe Winchite Ferriwinchite; Zone Axis - [ 1 0 0] - DW | TOS_AHRA |
| A | 2 | B24 | AQ | 3 | | MD1-0 | 4 | 3.75 | 1.1 | | | Actinolite | TAS_AHRA |
| A | 2 | B24 | AQ | | 3 | MF | 3 | 0.55 | 5.5 | | 15444 | Mg, Si, Ca, Fe Actinolite | |
| A | 3 | B4 | AQ | 4 | 4 | F | 3 | 0.6 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | B4 | CD | 5 | 5 | B | 1 | 0.2 | 5.0 | | | Chrysotile | TAS_AHRA |
| A | 4 | C14 | | NSD | | | | | | | | | |
| A | 5 | A40 | | NSD | | | | | | | | | |
| A | 6 | A20 | | NSD | | | | | | | | | |
| A | 7 | D1 | | NSD | | | | | | | | | |
| A | 8 | D21 | | NSD | | | | | | | | | |
| A | 9 | C1 | | NSD | | | | | | | | | |
| B | 10 | A41 | CMQ | 6 | | MD3-0 | 7.5 | 6 | 1.2 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 10 | A41 | CMQ | | 6 | MF | 1 | 0.1 | 10 | | 15445 | Mg, Si Chrysotile | |
| B | 10 | A41 | CMQ | | 7 | MF | 1 | 0.05 | 20 | | | Mg, Si Chrysotile | |
| B | 10 | A41 | CMQ | | 8 | MF | 0.5 | 0.05 | 10 | | | Mg, Si Chrysotile | |
| B | 10 | A41 | CMQ | 7 | 9 | F | 0.5 | 0.01 | 50 | | | Chrysotile | TAS_AHRA |
| B | 10 | A41 | CMQ | 8 | 10 | F | 1.3 | 0.05 | 26 | | 15446 | Mg, Si Chrysotile | TAS_AHRA |
| B | 11 | A21 | AQ | 9 | | MD1-1 | 10 | 9 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 11 | A21 | AQ | | 11 | MF | 10 | 2 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 12 | A1 | | NSD | | | | | | | | | |
| B | 13 | D20 | AZQ | 10 | | MD1-1 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | D20 | AZQ | | 12 | MF | 10 | 2.5 | 4.0 | 5652 | 15493 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 1 2] DW | AFB>5, PCMEF-US |
| B | 14 | D40 | | 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.:* ~~LC~~-SRA-R04-100504 *Lab/Cor Sample No.:* B4763 S40 A1

*Descripiton:* Replicate Analysis of 041210-07 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B42 | AQ | 1 | 1 | F | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B22 | AQ | 2 | 2 | F | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B22 | CMQ | 3 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Chrysotile | |
| A | 2 | B22 | CMQ | | 3 | MF | 1 | 0.1 | 10 | | | Mg, Si Chrysotile | |
| A | 3 | B2 | AQ | 4 | | MD1-0 | 6 | 6 | 1.0 | | | Actinolite | |
| A | 3 | B2 | AQ | | 4 | MF | 1.5 | 0.3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | C12 | AQ | 5 | | MD1-0 | 4 | 2.5 | 1.6 | | | Actinolite | |
| A | 4 | C12 | AQ | | 5 | MF | 2.5 | 0.75 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C32 | AQ | 6 | 6 | F | 2.75 | 0.2 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C23 | | NSD | | | | | | | | | |
| A | 8 | C3 | AQ | 7 | | MD1-0 | 10 | 7.5 | 1.3 | | | Actinolite | |
| A | 8 | C3 | AQ | | 7 | MF | 4.5 | 0.5 | 9.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | B13 | | NSD | | | | | | | | | |
| A | 10 | A41 | AQ | 8 | | MD1-0 | 8 | 8 | 1.0 | | | Actinolite | |
| A | 10 | A41 | AQ | | 8 | MF | 4.5 | 0.4 | 11 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | D10 | AQ | 9 | | MD1-0 | 5 | 5 | 1.0 | | | Actinolite | |
| B | 11 | D10 | AQ | | 9 | MF | 2.5 | 0.2 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | D10 | AQ | 10 | 10 | F | 9 | 0.7 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | D30 | AQ | 11 | 11 | F | 1.5 | 0.3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | D41 | | NSD | | | | | | | | | |
| B | 14 | D21 | | 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

*Lab/Cor Sample No.:* B4763 S41 A1

*Sample No.:* ~~LC~~-SRA-R04-100504

*Descripiton:* Duplicate Analysis of 041210-07 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B32 | ADQ | 1 | | MD1-0 | 15 | 12 | 1.2 | | | Actinolite | |
| A | 1 | B32 | ADQ | | 1 | MF | 4.5 | 0.7 | 6.4 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 2 | B12 | AQ | 2 | 2 | F | 2 | 0.4 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 3 | C2 | ADQ | 3 | 3 | F | 1.3 | 0.3 | 4.3 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 4 | C22 | | NSD | | | | | | | | | |
| A | 5 | C42 | | NSD | | | | | | | | | |
| A | 6 | A40 | | NSD | | | | | | | | | |
| A | 7 | A20 | | NSD | | | | | | | | | |
| B | 8 | D1 | CD | 4 | | MD1-0 | 5 | 2 | 2.5 | | | Chrysotile | |
| B | 8 | D1 | CD | | 4 | MF | 0.7 | 0.01 | 70 | | | Chrysotile | |
| B | 9 | D21 | | NSD | | | | | | | | | |
| B | 10 | D41 | | NSD | | | | | | | | | |
| B | 11 | C11 | | NSD | | | | | | | | | |
| B | 12 | C31 | AQ | 5 | 5 | F | 1.5 | 0.35 | 4.3 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 13 | C13 | | NSD | | | | | | | | | |
| B | 14 | C33 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R05-100504 *Lab/Cor Sample No.:* B4783 S11 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A12 | AZQ | 1 | 1 | F | 2.4 | 0.25 | 9.6 | 5653 | 795 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 1 0 1] DW; Ferrianactinolite | TAS_AHRA |
| A | 2 | A30 | AQ | 2 | 2 | F | 3 | 0.6 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 2 | A30 | CDQ | 3 | | MD1-0 | 5.2 | 3 | 1.7 | | | Chrysotile | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | A30 | CDQ | | 3 | MF | 2.5 | 0.05 | 50 | 1084 | 796 | Mg, Si Chrysotile Verified DW | |
| A | 3 | B21 | AQ | 4 | 4 | F | 3 | 0.3 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | B21 | AQ | 5 | | MD1-1 | 27.5 | 10 | 2.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | B21 | AQ | | 5 | MF | 27.5 | 2 | 14 | | | Mg, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | B3 | | NSD | | | | | | | | | |
| A | 5 | C23 | | NSD | | | | | | | | | |
| A | 6 | C41 | | NSD | | | | | | | | | |
| A | 7 | D20 | | NSD | | | | | | | | | |
| A | 8 | D1 | AQ | 6 | 6 | F | 5 | 1 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 9 | A3 | | NSD | | | | | | | | | |
| B | 10 | A32 | | NSD | | | | | | | | | |
| B | 11 | B30 | | NSD | | | | | | | | | |
| B | 12 | B11 | | NSD | | | | | | | | | |
| B | 13 | C13 | AQ | 7 | 7 | F | 7 | 2.2 | 3.2 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C32 | | NSD | | | | | | | | | |
| B | 15 | D21 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R01-100604 *Lab/Cor Sample No.:* B4783 S12 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A21 | AQ | 1 | 1 | F | 24 | 3 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | A40 | AQ | 2 | 2 | F | 15 | 1 | 15 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | A40 | AQ | 3 | 3 | F | 5.3 | 1 | 5.3 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B21 | | NSD | | | | | | | | | |
| A | 4 | B3 | AQ | 4 | 4 | F | 30 | 2.3 | 13 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | B3 | AZQ | 5 | 5 | F | 13 | 2.5 | 5.2 | 1138 | 797 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 2 0 5 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C22 | AQ | 6 | 6 | F | 2.5 | 0.4 | 6.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | C22 | AQ | 7 | 7 | B | 2.7 | 0.7 | 3.9 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | D30 | AQ | 8 | 8 | F | 6 | 0.7 | 8.6 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | D30 | AQ | 9 | 9 | F | 2.6 | 0.8 | 3.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | D30 | AQ | 10 | 10 | B | 6 | 0.8 | 7.5 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | D30 | AQ | 11 | 11 | F | 7.7 | 1.5 | 5.1 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 7 | D41 | AQ | 12 | 12 | F | 2.5 | 0.5 | 5.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 8 | D12 | | NSD | | | | | | | | | |
| B | 9 | A1 | AQ | 13 | 13 | B | 17 | 2.8 | 6.1 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 10 | A21 | AQ | 14 | 14 | F | 7 | 0.9 | 7.8 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 11 | B2 | | NSD | | | | | | | | | |
| B | 12 | C33 | AQ | 15 | 15 | F | 5.8 | 1.8 | 3.2 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | C31 | AQ | 16 | 16 | F | 12 | 2.2 | 5.5 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 14 | D32 | AQ | 17 | 17 | F | 1.5 | 0.5 | 3.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R01-100604 *Lab/Cor Sample No.:* B4783 S12 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 14 | D32 | AQ | 18 | 18 | F | 7 | 0.4 | 18 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | D32 | AQ | 19 | 19 | F | 6 | 2 | 3.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | D32 | AQ | 20 | 20 | F | 8 | 1 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |

*Sample No.:* ~~LC~~-SRA-R102-100604 *Lab/Cor Sample No.:* B4783 S13 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A20 | | NSD | | | | | | | | | |
| A | 2 | A3 | AQ | 1 | 1 | F | 5.1 | 0.6 | 8.5 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | D11 | AQ | 2 | 2 | B | 6 | 1 | 6.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | D32 | | NSD | | | | | | | | | |
| A | 5 | C10 | AQ | 3 | 3 | F | 14 | 2.6 | 5.4 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | C30 | | NSD | | | | | | | | | |
| A | 7 | C22 | CD | 4 | | MD1-0 | 4 | 1.5 | 2.7 | | | Chrysotile | TAS_AHRA |
| A | 7 | C22 | CD | | 4 | MF | 4 | 0.06 | 67 | 1089 | | Chrysotile Verified DW; Tilts Into Grid Bar | |
| A | 8 | C1 | AQ | 5 | 5 | F | 5 | 0.6 | 8.3 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 9 | A21 | AQ | 6 | 6 | F | 3.5 | 0.6 | 5.8 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | A40 | AQ | 7 | 7 | F | 12 | 3 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 10 | A40 | CDQ | 8 | 8 | B | 10 | 5 | 2.0 | 1091 | 799 | Mg, Si Chrysotile Verified DW | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 10 | A40 | AQ | 9 | 9 | F | 2.6 | 0.8 | 3.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | B33 | | NSD | | | | | | | | | |
| B | 12 | B12 | | NSD | | | | | | | | | |
| B | 13 | C11 | | NSD | | | | | | | | | |
| B | 14 | B20 | AZQ | 10 | 10 | F | 4.8 | 0.6 | 8.0 | 1139 | 828 | Mg, Si, Ca, Fe Actinolite Zone Axis [ 1 0 1 ] - KM | TAS_AHRA |

# *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.:* ~~LC~~-SRA-R102-100604 *Lab/Cor Sample No.:* B4763 S42 A1

*Descripiton:* Duplicate Analysis of 041210-13 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A42 | CMQ | 1 | | MD1-0 | 20 | 15 | 1.3 | | | Chrysotile | |
| A | 1 | A42 | CMQ | | 1 | MF | 1.5 | 0.05 | 30 | | | Mg, Si Chrysotile | |
| A | 1 | A42 | AQ | 2 | | MD1-1 | 10 | 9 | 1.1 | | | Actinolite | |
| A | 1 | A42 | AQ | | 2 | MF | 8 | 1.2 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | A22 | AQ | 3 | | MD1-0 | 20 | 20 | 1.0 | | | Actinolite | |
| A | 2 | A22 | AQ | | 3 | MF | 5 | 0.75 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | A2 | | NSD | | | | | | | | | |
| A | 4 | D12 | | NSD | | | | | | | | | |
| A | 5 | D32 | AQ | 4 | 4 | F | 5.5 | 1.2 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | D32 | AQ | 5 | | MD1-0 | 9 | 6.5 | 1.4 | | | Actinolite | |
| A | 5 | D32 | AQ | | 5 | MF | 1.5 | 0.3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | D32 | CMQ | 6 | 6 | F | 1.5 | 0.1 | 15 | | | Mg, Si Chrysotile | |
| A | 6 | D41 | AQ | 7 | | MD2-0 | 40 | 30 | 1.3 | | | Actinolite | |
| A | 6 | D41 | AQ | | 7 | MF | 4 | 0.3 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | D41 | AQ | | 8 | MF | 3.5 | 0.3 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | D21 | AQ | 8 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Actinolite | |
| A | 7 | D21 | AQ | | 9 | MF | 1.5 | 0.3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | D21 | AQ | 9 | 10 | F | 6 | 0.85 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | D21 | AQ | 10 | 11 | F | 7.5 | 2.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | D1 | CDQ | 11 | | MD1-0 | 8.5 | 8.5 | 1.0 | | | Chrysotile | |
| A | 8 | D1 | CDQ | | 12 | MB | 2 | 0.3 | 6.7 | | | Mg, Si Chrysotile | |
| A | 9 | C10 | AQ | 12 | 13 | F | 2.5 | 0.3 | 8.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 10 | C30 | AQ | 13 | 14 | F | 1.5 | 0.3 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | A41 | AQ | 14 | | MD1-0 | 12 | 10 | 1.2 | | | Actinolite | |
| B | 11 | A41 | AQ | | 15 | MF | 3.5 | 1 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | A21 | AQ | 15 | 16 | B | 15 | 1.5 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | A21 | CMQ | 16 | 17 | F | 1.5 | 0.05 | 30 | | | Mg, Si Chrysotile | |
| B | 12 | A21 | AQ | 17 | | MD1-0 | 5 | 2.5 | 2.0 | | | Actinolite | |
| B | 12 | A21 | AQ | | 18 | MF | 4 | 0.25 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | A1 | | NSD | | | | | | | | | |
| B | 14 | D11 | AQ | 18 | 19 | F | 1.5 | 0.4 | 3.8 | | | 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 S43 A1

*Sample No.:* ~~LC~~-SRA-R102-100604

*Descripiton:* Replicate Analysis of 041210-13 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | AQ | 1 | 1 | F | 4.8 | 1.5 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | D12 | | NSD | | | | | | | | | |
| A | 3 | C30 | AQ | 2 | 2 | F | 3.9 | 0.7 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | C30 | AQ | 3 | 3 | F | 3.5 | 0.5 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B20 | | NSD | | | | | | | | | |
| A | 5 | A11 | | NSD | | | | | | | | | |
| A | 6 | B12 | | NSD | | | | | | | | | |
| A | 7 | C11 | AQ | 4 | 4 | F | 3 | 1 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | A31 | | NSD | | | | | | | | | |
| B | 9 | B11 | | NSD | | | | | | | | | |
| B | 10 | C20 | AQ | 5 | 5 | F | 1.7 | 0.55 | 3.1 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 11 | C22 | AQ | 6 | | MD1-1 | 11 | 10 | 1.1 | | | Actinolite | |
| B | 11 | C22 | AQ | | 6 | MF | 9 | 0.7 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | C22 | AQ | 7 | 7 | F | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | B12 | AQ | 8 | 8 | F | 2.5 | 0.4 | 6.2 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 12 | B12 | AQ | 9 | 9 | F | 5.5 | 1.5 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | A10 | AQ | 10 | 10 | F | 4 | 1.3 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R02-100604 *Lab/Cor Sample No.:* B4783 S17 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | AQ | 1 | | MD1-1 | 15 | 10 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B21 | AQ | | 1 | MF | 9 | 0.65 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 3 | B1 | AQ | 2 | | MD1-1 | 7.5 | 5 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B1 | AQ | | 2 | MF | 7 | 0.85 | 8.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | C11 | AQ | 3 | | MD1-0 | 6 | 6 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C11 | AQ | | 3 | MF | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C31 | AQ | 4 | | MD1-0 | 5 | 4 | 1.2 | | | Actinolite | TAS_AHRA |
| A | 5 | C31 | AQ | | 4 | MF | 4.5 | 0.75 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C33 | AQ | 5 | 5 | F | 5 | 0.75 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C33 | AQ | 6 | | MD1-0 | 20 | 15 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 7 | C33 | AQ | | 6 | MF | 4 | 0.85 | 4.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 7 | | MD2-0 | 35 | 15 | 2.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 7 | C33 | AQ | | 7 | MF | 4 | 0.75 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | | 8 | MF | 4 | 0.65 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 8 | | MD1-0 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 7 | C33 | AQ | | 9 | MF | 5 | 1 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | D41 | | NSD | | | | | | | | | |
| B | 9 | D21 | AQ | 9 | | MD1-1 | 15 | 14 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 9 | D21 | AQ | | 10 | MF | 10 | 2.75 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 10 | D1 | | NSD | | | | | | | | | |
| B | 11 | A11 | | NSD | | | | | | | | | |
| B | 12 | A31 | | NSD | | | | | | | | | |
| B | 13 | A40 | AZQ | 10 | | MD1-1 | 11 | 8 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | A40 | AZQ | | 11 | MF | 5.5 | 0.75 | 7.3 | 1141 | 15461 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 0 1 ] - KM | AFB>5, PCMEF-US |
| B | 14 | A20 | | 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

*Lab/Cor Sample No.:* B4763 S47 A1

*Sample No.:* ~~LC~~-SRA-R02-100604

*Descripiton:* Duplicate Analysis of 041210-17 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | AQ | 1 | 1 | F | 6 | 0.9 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B21 | AQ | 2 | 2 | F | 9 | 0.7 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B1 | AQ | 3 | 3 | F | 2 | 0.5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C31 | | NSD | | | | | | | | | |
| A | 6 | C42 | AQ | 4 | 4 | F | 6 | 1.1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C42 | AQ | 5 | | MD1-1 | 12 | 10 | 1.2 | | | Actinolite | |
| A | 6 | C42 | AQ | | 5 | MF | 5.2 | 1 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 6 | 6 | F | 4.9 | 0.7 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 7 | 7 | F | 10 | 3 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 8 | 8 | F | 11 | 0.9 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 9 | 9 | F | 4 | 0.8 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 10 | 10 | F | 5 | 0.8 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C33 | AQ | 11 | 11 | F | 11 | 1.1 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | D41 | | NSD | | | | | | | | | |
| B | 9 | D21 | AQ | 12 | 12 | F | 9 | 2.3 | 3.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 9 | D21 | AQ | 13 | 13 | F | 2.3 | 0.4 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | D1 | | NSD | | | | | | | | | |
| B | 11 | A11 | | NSD | | | | | | | | | |
| B | 12 | A31 | | NSD | | | | | | | | | |
| B | 13 | A40 | AQ | 14 | 14 | F | 9.5 | 2.5 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | A40 | AQ | 15 | 15 | F | 6 | 0.9 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | A20 | | 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.:* ~~LC~~-SRA-R02-100604 *Lab/Cor Sample No.:* B4763 S46 A1

*Descripiton:* Replicate Analysis of 041210-17 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | AQ | 1 | | MD1-0 | 5 | 3.5 | 1.4 | | | Actinolite | |
| A | 1 | B41 | AQ | | 1 | MF | 5 | 1.5 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B21 | AQ | 2 | 2 | F | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B21 | AQ | 3 | | MD1-1 | 15 | 11 | 1.4 | | | Actinolite | |
| A | 2 | B21 | AQ | | 3 | MF | 7.5 | 0.75 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B1 | AQ | 4 | | MD1-1 | 5.5 | 3 | 1.8 | | | Actinolite | |
| A | 3 | B1 | AQ | | 4 | MF | 5.5 | 0.85 | 6.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B1 | AQ | 5 | | MD1-0 | 6 | 6 | 1.0 | | | Actinolite | |
| A | 3 | B1 | AQ | | 5 | MF | 1.5 | 0.25 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C31 | AQ | 6 | | MD1-0 | 15 | 15 | 1.0 | | | Actinolite | |
| A | 5 | C31 | AQ | | 6 | MF | 2.5 | 0.65 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C31 | AQ | 7 | | MD1-0 | 5 | 2.5 | 2.0 | | | Actinolite | |
| A | 5 | C31 | AQ | | 7 | MF | 4 | 0.65 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C31 | AQ | 8 | 8 | F | 1.5 | 0.4 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C33 | AQ | 9 | | MD1-1 | 20 | 15 | 1.3 | | | Actinolite | |
| A | 7 | C33 | AQ | | 9 | MF | 14 | 0.65 | 22 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 8 | D41 | AQ | 10 | | MD1-1 | 10 | 10 | 1.0 | | | Actinolite | |
| B | 8 | D41 | AQ | | 10 | MF | 7.5 | 2 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 9 | D21 | AQ | 11 | 11 | F | 9 | 2.5 | 3.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | D1 | CMQ | 12 | | MD1-0 | 2.5 | 2.5 | 1.0 | | | Chrysotile | |
| B | 10 | D1 | CMQ | | 12 | MF | 1.2 | 0.1 | 12 | | | Mg, Si Chrysotile | |
| B | 10 | D1 | AQ | 13 | 13 | F | 2.5 | 0.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | A11 | | NSD | | | | | | | | | |
| B | 12 | A31 | | NSD | | | | | | | | | |
| B | 13 | A40 | AQ | 14 | 14 | F | 7.5 | 2.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | A40 | AQ | 15 | | MD1-1 | 10 | 7.5 | 1.3 | | | Actinolite | |
| B | 13 | A40 | AQ | | 15 | MF | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | A20 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R03-100604 *Lab/Cor Sample No.:* B4783 S14 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A10 | AQ | 1 | 1 | F | 12 | 2.5 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | A32 | | NSD | | | | | | | | | |
| A | 3 | B30 | CDQ | 2 | 2 | B | 11 | 2.3 | 4.8 | 1093 | 801 | Mg, Si Chrysotile Verified DW | AS>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | B30 | AQ | 3 | | MD1-0 | 10 | 8 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B30 | AQ | | 3 | MF | 3 | 0.2 | 15 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 4 | D11 | AQ | 4 | 4 | F | 6 | 1.5 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 5 | D3 | AQ | 5 | 5 | F | 7.5 | 2 | 3.8 | | | Mg, Si, Ca, Fec31 Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | C31 | AQ | 6 | 6 | F | 8.5 | 1 | 8.5 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 7 | C12 | AQ | 7 | 7 | F | 4.5 | 0.8 | 5.6 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 8 | B3 | AZQ | 8 | | MD1-0 | 4 | 2.3 | 1.7 | | | Actinolite | TAS_AHRA |
| A | 8 | B3 | AZQ | | 8 | MF | 4 | 0.5 | 8.0 | 1092 | 800 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ 3 -5 2] - KM | |
| B | 9 | B11 | | NSD | | | | | | | | | |
| B | 10 | C22 | AQ | 9 | 9 | F | 5 | 0.8 | 6.2 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | C22 | AQ | 10 | 10 | F | 2 | 0.5 | 4.0 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | C40 | AQ | 11 | 11 | B | 2.6 | 1 | 2.6 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | D20 | | NSD | | | | | | | | | |
| B | 13 | D13 | | NSD | | | | | | | | | |
| B | 14 | A22 | | NSD | | | | | | | | | |
| B | 15 | A30 | AQ | 12 | 12 | F | 3.5 | 0.3 | 12 | | | Mg, Si, Ca, Fe Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R04-100604 *Lab/Cor Sample No.:* B4783 S16 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | AQ | 1 | 1 | F | 5.5 | 0.75 | 7.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | B23 | AQ | 2 | | MD1-0 | 9 | 5 | 1.8 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 2 | B23 | AQ | | 2 | MF | 2.5 | 0.8 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B23 | AQ | 3 | 3 | F | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | B3 | AQ | 4 | | MD1-1 | 65 | 30 | 2.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 3 | B3 | AQ | | 4 | MF | 20 | 1 | 20 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 4 | C13 | AQ | 5 | | MD1-1 | 10 | 10 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 4 | C13 | AQ | | 5 | MF | 9 | 2 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 5 | C33 | AQ | 6 | | MD1-1 | 25 | 25 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C33 | AQ | | 6 | MF | 6 | 1 | 6.0 | | | Mg, Al, Si, Ga, Fe Actinolite | AFB>5, PCMEF-US |
| A | 5 | C33 | AQ | 7 | | MD2-2 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C33 | AQ | | 7 | MF | 5.5 | 0.85 | 6.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 5 | C33 | AQ | | 8 | MF | 5.5 | 0.75 | 7.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 6 | C42 | AQ | 8 | | MD1-0 | 65 | 15 | 4.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | C42 | AQ | | 9 | MF | 4 | 0.75 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C42 | AQ | 9 | 10 | F | 2.5 | 0.25 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C22 | AQ | 10 | 11 | F | 2.5 | 0.4 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 8 | A42 | | NSD | | | | | | | | | |
| B | 9 | A22 | AQ | 11 | | MD1-0 | 13 | 10 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 9 | A22 | AQ | | 12 | MF | 2.5 | 0.4 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 9 | A22 | AQ | 12 | | MD1-1 | 11 | 7.5 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 9 | A22 | AQ | | 13 | MF | 7.5 | 1.7 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 9 | A22 | AQ | 13 | | MD1-1 | 5 | 5 | 1.0 | | | Actinolite | TAS_AHRA |
| B | 9 | A22 | AQ | | 14 | MF | 5 | 0.75 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | A2 | AQ | 14 | 15 | F | 7.5 | 1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 11 | D12 | | NSD | | | | | | | | | |
| B | 12 | D32 | AQ | 15 | | MD1-0 | 5 | 2.5 | 2.0 | | | Actinolite | TAS_AHRA |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-R04-100604 *Lab/Cor Sample No.:* B4783 S16 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 12 | D32 | AQ | | 16 | MF | 2.75 | 0.5 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | D41 | AQ | 16 | 17 | F | 4 | 0.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 13 | D41 | AZQ | 17 | 18 | F | 11 | 2.5 | 4.4 | 5608 | 15460 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [1 0 0] DW | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | D41 | AQ | 18 | | MD1-0 | 15 | 7.5 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | D41 | AQ | | 19 | MF | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D21 | AQ | 19 | | MD1-0 | 5 | 5 | 1.0 | | | Actinolite | TAS_AHRA |
| B | 14 | D21 | AQ | | 20 | MF | 3.5 | 0.5 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R05-100604 *Lab/Cor Sample No.:* B4783 S15 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A2 | | NSD | | | | | | | | | |
| A | 2 | A20 | | NSD | | | | | | | | | |
| A | 3 | B11 | AZQ | 1 | 1 | B | 13 | 0.7 | 19 | 1094 | 802 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis [ 1 3 4 ] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | B23 | AQ | 2 | 2 | F | 12 | 1 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C12 | AQ | 3 | 3 | F | 1.7 | 0.5 | 3.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | C12 | AQ | 4 | 4 | F | 7 | 0.5 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | C31 | | NSD | | | | | | | | | |
| A | 7 | D21 | AQ | 5 | 5 | F | 8 | 1.2 | 6.7 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | D2 | | NSD | | | | | | | | | |
| B | 9 | A11 | AQ | 6 | | MD2-1 | 25 | 22 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 9 | A11 | AQ | | 6 | MF | 22 | 0.7 | 31 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 9 | A11 | AQ | | 7 | MF | 4.8 | 0.3 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | A30 | | NSD | | | | | | | | | |
| B | 11 | B23 | AQ | 7 | 8 | B | 3 | 0.8 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C32 | AQ | 8 | 9 | F | 2.5 | 0.3 | 8.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 13 | C32 | AQ | 9 | 10 | F | 4.9 | 0.7 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | D40 | | NSD | | | | | | | | | |
| B | 15 | D11 | AQ | 10 | 11 | B | 11 | 1.3 | 8.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 15 | D11 | AQ | 11 | 12 | F | 5.3 | 1 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |

# *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.:* ~~LC~~-SRA-R05-100604 *Lab/Cor Sample No.:* B4763 S44 A1

*Descripiton:* Replicate Analysis of 041210-15 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A2 | | NSD | | | | | | | | | |
| A | 2 | A20 | AQ | 1 | 1 | F | 12 | 2 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 2 | 2 | B | 12.5 | 1 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 3 | 3 | F | 13 | 2.5 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 4 | | MD1-1 | 12 | 10 | 1.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | | 4 | MF | 12 | 1.5 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B23 | AQ | 5 | 5 | F | 12 | 0.9 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C12 | AQ | 6 | 6 | F | 7 | 0.5 | 14 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C31 | AQ | 7 | | MD | 15 | 15 | 1.0 | | | Actinolite | |
| A | 6 | C31 | AQ | | 7 | MF | 8 | 0.5 | 16 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | D21 | AQ | 8 | 8 | F | 8.3 | 1.1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | D2 | | NSD | | | | | | | | | |
| B | 9 | A11 | AQ | 9 | 9 | F | 3 | 0.3 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 9 | A11 | AQ | 10 | | MD1-1 | 20 | 10 | 2.0 | | | Actinolite | |
| B | 9 | A11 | AQ | | 10 | MF | 15 | 0.8 | 19 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 10 | A30 | | NSD | | | | | | | | | |
| B | 11 | B23 | | NSD | | | | | | | | | |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C32 | AQ | 11 | | MD1-1 | 11 | 4 | 2.8 | | | Actinolite | |
| B | 13 | C32 | AQ | | 11 | MF | 11 | 1 | 11 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 14 | D40 | AQ | 12 | 12 | F | 5.1 | 0.4 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D40 | AQ | 13 | 13 | F | 9 | 1.5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 15 | D11 | AQ | 14 | 14 | B | 11 | 1.3 | 8.5 | | | 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

*Sample No.:* LC-SRA-R05-100604 *Lab/Cor Sample No.:* B4763 S45 A1

*Descripiton:* Duplicate Analysis of 041210-15 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | 15 | D11 | AQ | 19 | 21 | F | 11 | 1.2 | 9.2 | | | 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 S45 A1

*Sample No.:* ~~LC~~-SRA-R05-100604

*Descripiton:* Duplicate Analysis of 041210-15 - Same Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A2 | AQ | 1 | | MD1-1 | 20 | 15 | 1.3 | | | Actinolite | |
| A | 1 | A2 | AQ | | 1 | MF | 5.5 | 0.55 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | A20 | AQ | 2 | 2 | F | 12 | 2 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 3 | | MD2-2 | 15 | 15 | 1.0 | | | Actinolite | |
| A | 3 | B11 | AQ | | 3 | MF | 15 | 1.2 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | | 4 | MF | 13 | 2.5 | 5.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 4 | | MD1-1 | 7.5 | 6 | 1.2 | | | Actinolite | |
| A | 3 | B11 | AQ | | 5 | MF | 6 | 0.75 | 8.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 5 | 6 | F | 1.5 | 0.25 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 6 | | MD1-1 | 20 | 12 | 1.7 | | | Actinolite | |
| A | 3 | B11 | AQ | | 7 | MF | 12 | 2.5 | 4.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B11 | AQ | 7 | | MD1-0 | 2.5 | 2 | 1.2 | | | Actinolite | |
| A | 3 | B11 | AQ | | 8 | MF | 2.5 | 0.2 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B23 | AD | 8 | | MD1-0 | 10 | 7.5 | 1.3 | | | Actinolite | |
| A | 4 | B23 | AD | | 9 | MF | 5 | 1 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B23 | AD | 9 | | MD1-1 | 17 | 10 | 1.7 | | | Actinolite | |
| A | 4 | B23 | AD | | 10 | MF | 12 | 1 | 12 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C12 | AQ | 10 | 11 | F | 6 | 0.3 | 20 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C31 | | NSD | | | | | | | | | |
| A | 7 | D21 | AQ | 11 | 12 | F | 7.5 | 1.2 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | D2 | AQ | 12 | 13 | F | 30 | 5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 9 | A11 | AQ | 13 | | MD1-0 | 25 | 25 | 1.0 | | | Actinolite | |
| B | 9 | A11 | AQ | | 14 | MF | 4 | 0.6 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | A30 | AQ | 14 | 15 | F | 2.5 | 0.25 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | B23 | AQ | 15 | | MD1-0 | 5 | 3 | 1.7 | | | Actinolite | |
| B | 11 | B23 | AQ | | 16 | MF | 2.85 | 0.75 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | C1 | | NSD | | | | | | | | | |
| B | 13 | C32 | AQ | 16 | | MD2-0 | 7.5 | 7.5 | 1.0 | | | Actinolite | |
| B | 13 | C32 | AQ | | 17 | MF | 5 | 1.1 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | C32 | AQ | | 18 | MF | 2.5 | 0.6 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D40 | AQ | 17 | | MD1-0 | 5 | 5 | 1.0 | | | Actinolite | |
| B | 14 | D40 | AQ | | 19 | MF | 4.5 | 0.35 | 13 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | D40 | AQ | 18 | | MD1-1 | 7.5 | 7.5 | 1.0 | | | Actinolite | |
| B | 14 | D40 | AQ | | 20 | MF | 7.5 | 1.5 | 5.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R02-100704 *Lab/Cor Sample No.:* B4783 S21 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | AQ | 1 | 1 | F | 9.5 | 1.25 | 7.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 3 | B4 | AZQ | 2 | 2 | F | 2.75 | 0.45 | 6.1 | 5604 | 15456 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 1 3 2] - DW | TAS_AHRA |
| A | 3 | B4 | AQ | 3 | 3 | F | 2.9 | 0.55 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 3 | B4 | AQ | 4 | 4 | F | 18.75 | 3.2 | 5.9 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C14 | AQ | 5 | | MD1-0 | 4.5 | 3.25 | 1.4 | | | Actinolite | TAS_AHRA |
| A | 4 | C14 | AQ | | 5 | MF | 3.8 | 0.5 | 7.6 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C34 | | NSD | | | | | | | | | |
| A | 6 | C43 | AQ | 6 | 6 | F | 1.6 | 0.4 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 7 | C23 | | NSD | | | | | | | | | |
| B | 8 | B44 | | NSD | | | | | | | | | |
| B | 9 | B24 | AQ | 7 | | MD1-0 | 3.25 | 1.3 | 2.5 | | | Actinolite | TAS_AHRA |
| B | 9 | B24 | AQ | | 7 | MF | 2.8 | 0.45 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 10 | B4 | AQ | 8 | 8 | F | 2.5 | 0.45 | 5.6 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | B4 | AQ | 9 | 9 | F | 2.2 | 0.4 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | C14 | CDQ | 10 | | MD1-0 | 3.75 | 3.25 | 1.2 | | | Chrysotile | TAS_AHRA |
| B | 11 | C14 | CDQ | | 10 | MF | 2 | 0.05 | 40 | 5605 | 15457 | Mg, Si Chrysotile Verified DW | |
| B | 12 | C34 | | NSD | | | | | | | | | |
| B | 13 | C43 | CD | 11 | | MD1-0 | 2.25 | 2 | 1.1 | | | Chrysotile | TAS_AHRA |
| B | 13 | C43 | CD | | 11 | MF | 1 | 0.05 | 20 | | | Chrysotile | |
| B | 13 | C43 | AQ | 12 | 12 | F | 3.5 | 1.05 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 14 | C23 | AQ | 13 | | MD1-0 | 9.25 | 4.5 | 2.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C23 | AQ | | 13 | MF | 4.5 | 0.25 | 18 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 14 | C23 | AQ | 14 | 14 | F | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |

# *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.:* LC-SRA-R02-100704 *Lab/Cor Sample No.:* B4763 S48 A1

*Descripiton:* Duplicate Analysis of 041210-21 - Different Grid Openings

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A32 | | NSD | | | | | | | | | |
| A | 2 | A12 | AQ | 1 | 1 | F | 2.5 | 0.8 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | D2 | | NSD | | | | | | | | | |
| A | 4 | D22 | | NSD | | | | | | | | | |
| A | 5 | D42 | | NSD | | | | | | | | | |
| A | 6 | D40 | AQ | 2 | 2 | F | 4.8 | 0.7 | 6.9 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | D20 | AQ | 3 | 3 | F | 8 | 2.5 | 3.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 8 | B32 | | NSD | | | | | | | | | |
| C | 9 | B12 | | NSD | | | | | | | | | |
| C | 10 | C2 | AQ | 4 | 4 | F | 8 | 2.6 | 3.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 11 | C22 | AQ | 5 | 5 | F | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 11 | C22 | AQ | 6 | 6 | F | 1.6 | 0.3 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 11 | C22 | AQ | 7 | 7 | F | 4.5 | 1 | 4.5 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| C | 12 | D40 | | NSD | | | | | | | | | |
| C | 13 | D10 | AQ | 8 | 8 | F | 5 | 0.8 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R03-100704 *Lab/Cor Sample No.:* B4783 S19 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A22 | | NSD | | | | | | | | | |
| A | 2 | B10 | | NSD | | | | | | | | | |
| A | 3 | B13 | | NSD | | | | | | | | | |
| A | 4 | C22 | | NSD | | | | | | | | | |
| A | 5 | C20 | | NSD | | | | | | | | | |
| A | 6 | D40 | | NSD | | | | | | | | | |
| A | 7 | D11 | | NSD | | | | | | | | | |
| A | 8 | A3 | | NSD | | | | | | | | | |
| B | 9 | A30 | CDQ | 1 | 1 | F | 4.8 | 0.05 | 96 | 1102 | 807 | Mg, Si Chrysotile Verified DW TAS_AHRA | |
| B | 10 | B11 | | NSD | | | | | | | | | |
| B | 11 | C3 | | NSD | | | | | | | | | |
| B | 12 | C22 | | NSD | | | | | | | | | |
| B | 13 | C30 | | NSD | | | | | | | | | |
| B | 14 | C42 | | NSD | | | | | | | | | |
| B | 15 | D40 | | NSD | | | | | | | | | |
| B | 16 | D12 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R04-100704 *Lab/Cor Sample No.:* B4783 S18 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A20 | | NSD | | | | | | | | | |
| A | 2 | A32 | | NSD | | | | | | | | | |
| A | 3 | B31 | | NSD | | | | | | | | | |
| A | 4 | B2 | | NSD | | | | | | | | | |
| A | 5 | C23 | | NSD | | | | | | | | | |
| A | 6 | C31 | | NSD | | | | | | | | | |
| A | 7 | D21 | AQ | 1 | 1 | F | 19 | 2.5 | 7.6 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | D3 | CDQ | 2 | 2 | B | 30 | 7 | 4.3 | 1140 | 805 | Mg, Si Chrysotile Verified - KM | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 9 | A11 | | NSD | | | | | | | | | |
| B | 10 | A33 | | NSD | | | | | | | | | |
| B | 11 | B20 | | NSD | | | | | | | | | |
| B | 12 | B23 | | NSD | | | | | | | | | |
| B | 13 | C3 | AZQ | 3 | 3 | F | 5.5 | 0.7 | 7.9 | 1101 | 806 | Mg, Si, Ca, Fe Actinolite Zone Axis - [ - 1 3 2] - KM | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 14 | C40 | AQ | 4 | 4 | F | 8 | 1 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 15 | D10 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R05-100704 *Lab/Cor Sample No.:* B4783 S20 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A23 | | NSD | | | | | | | | | |
| A | 2 | A31 | AZQ | 1 | 1 | F | 2.5 | 0.3 | 8.3 | 1109 | 808 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 5 1 4] - KM | TAS_AHRA |
| A | 3 | B40 | | NSD | | | | | | | | | |
| A | 4 | B22 | | NSD | | | | | | | | | |
| A | 5 | C3 | | NSD | | | | | | | | | |
| A | 6 | C21 | | NSD | | | | | | | | | |
| A | 7 | D31 | | NSD | | | | | | | | | |
| A | 8 | D12 | | NSD | | | | | | | | | |
| B | 9 | A2 | | NSD | | | | | | | | | |
| B | 10 | A31 | | NSD | | | | | | | | | |
| B | 11 | B10 | CDQ | 2 | | MD1-0 | 2.7 | 2.4 | 1.1 | | | Chrysotile | TAS_AHRA |
| B | 11 | B10 | CDQ | | 2 | MF | 2.5 | 0.04 | 62 | 1110 | 809 | Mg, Si Chrysotile Verified DW | |
| B | 12 | C2 | | NSD | | | | | | | | | |
| B | 13 | C33 | | NSD | | | | | | | | | |
| B | 14 | C40 | AQ | 3 | 3 | F | 13 | 3 | 4.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 15 | D32 | | NSD | | | | | | | | | |
| B | 16 | D10 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Lab/Cor Sample No.:* B4783 S28 A1

*Sample No.:* ~~LC~~-SRA-R01-100804

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | | NSD | | | | | | | | | |
| A | 2 | B23 | | NSD | | | | | | | | | |
| A | 3 | B3 | | NSD | | | | | | | | | |
| A | 4 | C13 | | NSD | | | | | | | | | |
| A | 5 | C33 | | NSD | | | | | | | | | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C31 | | NSD | | | | | | | | | |
| A | 8 | C1 | | NSD | | | | | | | | | |
| A | 9 | B11 | AZQ | 1 | | MD1-0 | 5 | 2.5 | 2.0 | | | Actinolite | TAS_AHRA |
| A | 9 | B11 | AZQ | | 1 | MF | 4 | 0.75 | 5.3 | 5625 | 15475 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [-3 -1 -2] - DW | |
| A | 10 | B31 | | NSD | | | | | | | | | |
| B | 11 | B42 | AQ | 2 | | MD1-1 | 35 | 25 | 1.4 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 11 | B42 | AQ | | 2 | MF | 7.5 | 1 | 7.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 11 | B42 | AQ | 3 | | MD1-0 | 10 | 7.5 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 11 | B42 | AQ | | 3 | MF | 5 | 1.5 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | B22 | | NSD | | | | | | | | | |
| B | 13 | B2 | AQ | 4 | | MD1-1 | 7.5 | 5 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | B2 | AQ | | 4 | MF | 5.5 | 1 | 5.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 14 | C11 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R103-100804 *Lab/Cor Sample No.:* B4783 S23 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | CDQ | 1 | 1 | F | 1.1 | 0.05 | 22 | 5606 | 15458 | Mg, Si Chrysotile Verified DW | TAS_AHRA |
| A | 2 | B24 | AZQ | 2 | 2 | F | 20 | 2 | 10 | 5647 | 15459 | Mg, Al, Si, Ca, Fe Actinolite [ 3 1 2] Zone Axis - JH | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B24 | CMQ | 3 | 3 | B | 0.8 | 0.1 | 8.0 | | | Mg, Si, Fe Chrysotile | TAS_AHRA |
| A | 3 | B4 | AQ | 4 | 4 | F | 2.6 | 0.45 | 5.8 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 4 | C14 | | NSD | | | | | | | | | |
| A | 5 | C34 | CD | 5 | 5 | F | 1.6 | 0.1 | 16 | | | Chrysotile | TAS_AHRA |
| A | 5 | C34 | AQ | 6 | 6 | F | 4.6 | 1.05 | 4.4 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C23 | CDQ | 7 | | MD1-0 | 4 | 1.65 | 2.4 | | | Chrysotile | TAS_AHRA |
| A | 7 | C23 | CDQ | | 7 | MB | 1.1 | 0.2 | 5.5 | | | Mg, Si, Fe Chrysotile | |
| A | 7 | C23 | AQ | 8 | | MD1-0 | 4.5 | 2.25 | 2.0 | | | Actinolite | TAS_AHRA |
| A | 7 | C23 | AQ | | 8 | MF | 3.9 | 0.55 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 7 | C23 | AQ | 9 | | MD1-0 | 2.5 | 2.25 | 1.1 | | | Actinolite | TAS_AHRA |
| A | 7 | C23 | AQ | | 9 | MF | 1.75 | 0.25 | 7.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | C3 | | NSD | | | | | | | | | |
| B | 9 | B44 | AQ | 10 | 10 | F | 2.5 | 0.75 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 10 | B24 | | NSD | | | | | | | | | |
| B | 11 | B4 | AQ | 11 | 11 | F | 3.4 | 0.5 | 6.8 | | | Mg, Al, Si, Ca, Fe Actinolite Ferri-actinolite | TAS_AHRA |
| B | 11 | B4 | AQ | 12 | 12 | F | 1.25 | 0.2 | 6.2 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 12 | C14 | AQ | 13 | | MD1-1 | 12 | 8 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 12 | C14 | AQ | | 13 | MF | 5.7 | 1.55 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 13 | C34 | | NSD | | | | | | | | | |
| B | 14 | C43 | AQ | 14 | | MD1-1 | 35 | 28 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 14 | C43 | AQ | | 14 | MF | 11 | 2.25 | 4.9 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 15 | C23 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R02-100804 *Lab/Cor Sample No.:* B4783 S26 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | AZQ | 1 | | MD1-1 | 13 | 13 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C14 | AZQ | | 1 | MF | 10 | 2.75 | 3.6 | 5620 | 15471 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [-2 1 1] - DW | AFB>5, PCMEF-US |
| A | 4 | C14 | AQ | 2 | 2 | F | 2.5 | 0.55 | 4.5 | | 15472 | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 5 | C34 | AQ | 3 | | MD1-0 | 16 | 15 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 5 | C34 | AQ | | 3 | MF | 2.5 | 0.35 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C43 | AQ | 4 | 4 | F | 5.5 | 1.5 | 3.7 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | C43 | AZQ | 5 | | MD1-1 | 6 | 4 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 6 | C43 | AZQ | | 5 | MF | 6 | 0.3 | 20 | 5622 | 15473 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 3 1 0] - DW | AFB>5, PCMEF-US, PSAS 5-10, PSAS TOT, PSAM 5-10, PSAM TOT |
| A | 6 | C43 | AQ | 6 | | MD2-2 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 6 | C43 | AQ | | 6 | MF | 7 | 0.75 | 9.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 6 | C43 | AQ | | 7 | MF | 5.5 | 0.75 | 7.3 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 7 | C32 | AQ | 7 | | MD1-0 | 20 | 10 | 2.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 7 | C32 | AQ | | 8 | MF | 2.5 | 0.35 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 8 | C12 | | NSD | | | | | | | | | |
| A | 9 | B2 | AQ | 8 | 9 | F | 7.5 | 2 | 3.8 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 10 | B22 | AQ | 9 | 10 | F | 3 | 0.5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| A | 10 | B22 | AQ | 10 | 11 | F | 5 | 0.15 | 33 | | | Mg, Al, Si, Ca, Fe Actinolite | TAS_AHRA |
| B | 11 | A41 | | NSD | | | | | | | | | |
| B | 12 | A21 | | NSD | | | | | | | | | |
| B | 13 | A1 | | NSD | | | | | | | | | |
| B | 14 | D11 | | 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

*Lab/Cor Sample No.:* B4763 S49 A1

*Sample No.:* ~~LC~~-SRA-R02-100804

*Descripiton:* Replicate Analysis of 041210-26 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | AQ | 1 | | MD1-0 | 7.5 | 5 | 1.5 | | | Actinolite | |
| A | 1 | B44 | AQ | | 1 | MF | 4 | 1 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B24 | AQ | 2 | 2 | F | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 2 | B24 | CMQ | 3 | 3 | F | 1.5 | 0.1 | 15 | | | Mg, Si Chrysotile | |
| A | 3 | C14 | AQ | 4 | 4 | B | 4.5 | 0.85 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 4 | B4 | | NSD | | | | | | | | | |
| A | 5 | C34 | AQ | 5 | | MD1-0 | 5.5 | 5 | 1.1 | | | Actinolite | |
| A | 5 | C34 | AQ | | 5 | MF | 4 | 0.75 | 5.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C34 | AQ | 6 | | MD2-0 | 7 | 7.5 | 0.93 | | | Actinolite | |
| A | 5 | C34 | AQ | | 6 | MF | 4.5 | 0.5 | 9.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 5 | C34 | AQ | | 7 | MF | 3 | 0.5 | 6.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 6 | C32 | | NSD | | | | | | | | | |
| A | 7 | C12 | | NSD | | | | | | | | | |
| A | 8 | B2 | | NSD | | | | | | | | | |
| A | 9 | B22 | AQ | 7 | | MD1-0 | 9 | 5 | 1.8 | | | Actinolite | |
| A | 9 | B22 | AQ | | 8 | MF | 5 | 1.5 | 3.3 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 10 | B42 | AQ | 8 | | MD1-0 | 12 | 10 | 1.2 | | | Actinolite | |
| A | 10 | B42 | AQ | | 9 | MF | 5 | 0.75 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 11 | B42 | AQ | 9 | | MD1-1 | 40 | 30 | 1.3 | | | Actinolite | |
| B | 11 | B42 | AQ | | 10 | MF | 20 | 5 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 12 | B22 | AQ | 10 | 11 | F | 3 | 0.3 | 10 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| B | 13 | B2 | | NSD | | | | | | | | | |
| B | 14 | C12 | | 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.:* ~~LC~~-SRA-R02-100804 *Lab/Cor Sample No.:* B4763 S50 A1

*Descripiton:* Duplicate Analysis of 041210-26 - Reprep

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B42 | | NSD | | | | | | | | | |
| A | 2 | B12 | | NSD | | | | | | | | | |
| A | 3 | C12 | | NSD | | | | | | | | | |
| A | 4 | B31 | CMQ | 1 | | MD1-0 | 10 | 6 | 1.7 | | | Chrysotile | |
| A | 4 | B31 | CMQ | | 1 | MF | 0.8 | 0.08 | 10 | | | Chrysotile | |
| A | 5 | B1 | AQ | 2 | 2 | F | 1.2 | 0.15 | 8.0 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 6 | C21 | CDQ | 3 | 3 | B | 1.7 | 0.15 | 11 | | | Mg, Si Chrysotile | |
| A | 6 | C21 | ADQ | 4 | 4 | F | 12 | 1.8 | 6.7 | | | Mg, Si, Ca, Fe Actinolite | |
| A | 7 | A20 | ADQ | 5 | 5 | F | 3.7 | 0.7 | 5.3 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 8 | B42 | | NSD | | | | | | | | | |
| B | 9 | B22 | ADQ | 6 | | MD1-0 | 3.3 | 1.2 | 2.7 | | | Actinolite | |
| B | 9 | B22 | ADQ | | 6 | MF | 3.3 | 0.3 | 11 | | | Mg, Si, Ca, Fe Actinolite | |
| B | 10 | B2 | | NSD | | | | | | | | | |
| B | 11 | B30 | | NSD | | | | | | | | | |
| B | 12 | B10 | | NSD | | | | | | | | | |
| B | 13 | A40 | | NSD | | | | | | | | | |
| B | 14 | A20 | ADQ | 7 | 7 | F | 6 | 0.38 | 16 | | | Mg, Si, Ca, Fe Actinolite | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R03-100804 *Lab/Cor Sample No.:* B4783 S27 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B41 | | NSD | | | | | | | | | |
| A | 2 | B21 | AZQ | 1 | | MD2-1 | 15 | 10 | 1.5 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B21 | AZQ | | 1 | MF | 5.5 | 1 | 5.5 | 5623 | 15474 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ -1 0 1] - DW | AFB>5, PCMEF-US |
| A | 2 | B21 | AQ | | 2 | MF | 1.5 | 0.5 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 3 | B1 | | NSD | | | | | | | | | |
| A | 4 | C11 | | NSD | | | | | | | | | |
| A | 5 | C31 | | NSD | | | | | | | | | |
| A | 6 | C42 | | NSD | | | | | | | | | |
| A | 7 | C43 | | NSD | | | | | | | | | |
| A | 8 | C23 | AQ | 2 | | MD1-1 | 15 | 15 | 1.0 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | C23 | AQ | | 3 | MF | 7.5 | 1.8 | 4.2 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 9 | B3 | | NSD | | | | | | | | | |
| A | 10 | B23 | | NSD | | | | | | | | | |
| B | 11 | A41 | | NSD | | | | | | | | | |
| B | 12 | A21 | | NSD | | | | | | | | | |
| B | 13 | A1 | | NSD | | | | | | | | | |
| B | 14 | D11 | | NSD | | | | | | | | | |
| B | 15 | A31 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Lab/Cor Sample No.:* B4783 S24 A1

*Sample No.:* ~~LC~~-SRA-R04-100804

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B44 | | NSD | | | | | | | | | |
| A | 2 | B24 | | NSD | | | | | | | | | |
| A | 3 | B4 | | NSD | | | | | | | | | |
| A | 4 | C14 | | NSD | | | | | | | | | |
| A | 5 | C34 | AZQ | 1 | 1 | F | 3 | 0.85 | 3.5 | 5611 | 15462 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 1 3 4] DW | TAS_AHRA |
| A | 6 | C43 | | NSD | | | | | | | | | |
| A | 7 | C32 | AZQ | 2 | | MD1-0 | 1.5 | 1.5 | 1.0 | | | Actinolite | TAS_AHRA |
| A | 7 | C32 | AZQ | | 2 | MF | 1 | 0.15 | 6.7 | 5612 | 15463 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 2 1 1] DW | |
| A | 7 | C32 | AQ | 3 | 3 | F | 9 | 3 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 8 | C12 | | NSD | | | | | | | | | |
| A | 9 | B2 | | NSD | | | | | | | | | |
| A | 10 | B22 | CDQ | 4 | 4 | B | 5 | 0.85 | 5.9 | 5613 | 15464 | Mg, Si Chrysotile Verified DW | TAS_AHRA |
| B | 11 | A21 | | NSD | | | | | | | | | |
| B | 12 | A1 | AQ | 5 | | MD1-1 | 9 | 7.5 | 1.2 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 12 | A1 | AQ | | 5 | MF | 6 | 1.3 | 4.6 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 12 | A1 | AQ | 6 | 6 | F | 6 | 2 | 3.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| B | 13 | D11 | | NSD | | | | | | | | | |
| B | 14 | D31 | | NSD | | | | | | | | | |
| B | 15 | D2 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R2

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP ( 4th Sample Set) - FINAL RESULTS

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* ~~LC~~-SRA-R05-100804 *Lab/Cor Sample No.:* B4783 S25 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | B43 | ADQ | 1 | 1 | F | 22 | 1.5 | 15 | | 15465 | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 2 | B13 | AZQ | 2 | | MD1-0 | 4 | 1.5 | 2.7 | | | Actinolite | TAS_AHRA |
| A | 2 | B13 | AZQ | | 2 | MF | 2 | 0.25 | 8.0 | 5614 | 15466 | Mg, Al, Si, Ca, Fe Actinolite Zone Axis - [ 2 1 0] DW | |
| A | 3 | C3 | | NSD | | | | | | | | | |
| A | 4 | C23 | AQ | 3 | | MD1-1 | 15 | 9 | 1.7 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 4 | C23 | AQ | | 3 | MF | 6 | 1.7 | 3.5 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| A | 5 | C43 | | NSD | | | | | | | | | |
| A | 6 | C32 | AQ | 4 | 4 | F | 8 | 2 | 4.0 | | | Mg, Al, Si, Ca, Fe Actinolite | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS5-10_AHRA |
| A | 7 | C12 | | NSD | | | | | | | | | |
| A | 8 | B2 | AQ | 5 | | MD1-0 | 17 | 15 | 1.1 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| A | 8 | B2 | AQ | | 5 | MF | 4 | 0.6 | 6.7 | | | Mg, Al, Si, Ca, Fe Actinolite | |
| A | 9 | B31 | | NSD | | | | | | | | | |
| A | 10 | B11 | | NSD | | | | | | | | | |
| B | 11 | B41 | | NSD | | | | | | | | | |
| B | 12 | B21 | | NSD | | | | | | | | | |
| B | 13 | B1 | CDQ | 6 | 6 | B | 13 | 1 | 13 | 5615 | 15467 | Mg, Si Chrysotile Verified DW | AS>5, AFB>5, PCMEF-US, PCMES-US, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | B1 | AQ | 7 | | MD1-1 | 20 | 15 | 1.3 | | | Actinolite | AS>5, TAS_AHRA, AS>5_AHRA, AS>10_AHRA |
| B | 13 | B1 | AQ | | 7 | MF | 6 | 0.85 | 7.1 | | | Mg, Al, Si, Ca, Fe Actinolite | AFB>5, PCMEF-US |
| B | 14 | C11 | | NSD | | | | | | | | | |
| B | 15 | C31 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R5

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP Sample Set#4-FINAL REPORT

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-2ZB-100804 *Lab/Cor Sample No.:* B4783 S50 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | C44 | | NSD | | | | | | | | | |
| A | 2 | C42 | | NSD | | | | | | | | | |
| A | 3 | C40 | | NSD | | | | | | | | | |
| A | 4 | D41 | | NSD | | | | | | | | | |
| A | 5 | D43 | | NSD | | | | | | | | | |
| A | 6 | D34 | | NSD | | | | | | | | | |
| B | 7 | C43 | | NSD | | | | | | | | | |
| B | 8 | C40 | | NSD | | | | | | | | | |
| B | 9 | D41 | | NSD | | | | | | | | | |
| B | 10 | D34 | | NSD | | | | | | | | | |
| B | 11 | D32 | | NSD | | | | | | | | | |
| B | 12 | D30 | | NSD | | | | | | | | | |
| B | 13 | C20 | | NSD | | | | | | | | | |

*Sample No.:* LC-SRA-1ZB-100804 *Lab/Cor Sample No.:* B4783 S51 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | C44 | | NSD | | | | | | | | | |
| A | 2 | C42 | | NSD | | | | | | | | | |
| A | 3 | D41 | | NSD | | | | | | | | | |
| A | 4 | D34 | | NSD | | | | | | | | | |
| A | 5 | D32 | | NSD | | | | | | | | | |
| A | 6 | D30 | | NSD | | | | | | | | | |
| A | 7 | C31 | | NSD | | | | | | | | | |
| B | 8 | C44 | | NSD | | | | | | | | | |
| B | 9 | C42 | | NSD | | | | | | | | | |
| B | 10 | C40 | | NSD | | | | | | | | | |
| B | 11 | D41 | | NSD | | | | | | | | | |
| B | 12 | D43 | | NSD | | | | | | | | | |
| B | 13 | D34 | | NSD | | | | | | | | | |
| B | 14 | D32 | | NSD | | | | | | | | | |

# *Lab/Cor, Inc.*

*A Professional Service Corporation in the Northwest*

*Report #* 041210R5

*Client:* Ecology and Environment, Inc.

*Project Name:* Site 0440.01CP Sample Set#4-FINAL REPORT

## TEM ASBESTOS STRUCTURE COUNT - RAW DATA

*Sample No.:* LC-SRA-FB-100804 *Lab/Cor Sample No.:* B4783 S52 A1

*Descripiton:*

| Gr | No. | Loc. | ID | Prim | Tot | Class | Len | Wid | Asp | Neg# | EDS# | Comment | Count Categories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | A41 | | NSD | | | | | | | | | |
| A | 2 | A21 | | NSD | | | | | | | | | |
| A | 3 | A1 | | NSD | | | | | | | | | |
| A | 4 | C2 | | NSD | | | | | | | | | |
| A | 5 | C22 | | NSD | | | | | | | | | |
| B | 6 | B2 | | NSD | | | | | | | | | |
| B | 7 | C12 | | NSD | | | | | | | | | |
| B | 8 | C32 | | NSD | | | | | | | | | |
| B | 9 | A2 | | NSD | | | | | | | | | |
| B | 10 | D12 | | NSD | | | | | | | | | |