CLEAR FORM SAVE FORM E-MAIL

Client ID # 2027.07

Name / Client / Address:
Northgate Environmental
300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612

Tel. (510) 839-0688
Fax (510) 839-4350
E-mail ted.splitter@ngem.com

MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Log in # 147226

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples	Turn-Around Time
10	3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
01	Unit 2-11152010	Remediation Zone B (BM883956)	11/15/2010	5:58 / 13:53 / 475	2.0	950.00	0.80
02	Unit 2-FB-11152010	Remediation Zone B Field Blank (BM883958)	11/15/2010	: / : / 0	0.0	0.00	0.80
03	RZ-D-11162010	Remediation Zone D (BM883951)	11/16/2010	07:40 / 17:00 / 560	2.0	1,120.00	0.80
04	FB-1-11162010-RZ-D	Remediation Zone D Field Blank (BM883970)	11/16/2010	: / : / 0	0.0	0.00	0.80
05	11172010-RZ-B-12.13	Remediation Zone B (BM884100)	11/17/2010	6:15 / 16:05 / 590	2.0	1,180.00	0.80
06	FB-1-RZ-B-11172010	Remediation Zone B Field Blank (BM884008)	11/17/2010	: / : / 0	0.0	0.00	0.80
07	UW-11192010B	Upwind Station (BS823115)	11/19/2010	4:14 / 15:05 / 651	2.0	1,302.00	0.80
08	FB-37-11192010B	Upwind Station Field Blank (BS823266)	11/19/2010	: / : / 0	0.0	0.00	0.80
09	DW-11192010B	Downwind Station (BS823106)	11/19/2010	4:26 / 15:10 / 644	2.0	1,288.00	0.80
10	FB-38-11192010	Downwind Station Field Blank (BS823086)	11/19/2010	: / : / 0	0.0	0.00	0.80

Instructions / Comments: ☐ Fax ☑ E-mail To: ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES ☐ NO ☑ If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Sampler's Signature / Name: Ronda S. Bailey

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By: Ronda S. Bailey 11/22/10 1200 Drop Box / Courier — Date / Time — Received By: 11/23/10 11:09 — Date / Time

Relinquished By — Date/Time — Received By — Date / Time

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Log in # 147226

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples 10
Turn-Around Time 3-5 DAYS

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02	Unit 2-FB-11152010	Remediation Zone B Field Blank (BM883958)	11/15/2010	: / : / 0	0.0	0.00	0.80
03	RZ-D-11162010	Remediation Zone D (BM883951)	11/16/2010	07:40 / 17:00 / 560	2.0	1,120.00	0.80
04	FB-1-11162010-RZ-D	Remediation Zone D Field Blank (BM883970)	11/16/2010	: / : / 0	0.0	0.00	0.80
05	11172010-RZ-B-12.13	Remediation Zone B (BM884100)	11/17/2010	6:15 / 16:05 / 590	2.0	1,180.00	0.80
06	FB-1-RZ-B-11172010	Remediation Zone B Field Blank (BM884008)	11/17/2010	: / : / 0	0.0	0.00	0.80
07	UW-11192010B	Upwind Station (BS823115)	11/19/2010	4:14 / 15:05 / 651	2.0	1,302.00	0.80
08	FB-37-11192010B	Upwind Station Field Blank (BS823266)	11/19/2010	: / : / 0	0.0	0.00	0.80
09	DW-11192010B	Downwind Station (BS823106)	11/19/2010	4:26 / 15:10 / 644	2.0	1,288.00	0.80
10	FB-38-11192010	Downwind Station Field Blank (BS823086)	11/19/2010	: / : / 0	0.0	0.00	0.80

Instructions / Comments: ☐ Fax ☑ **E-mail To:** ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES ☐ NO ☑ If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required.
If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda S. Bailey
Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Ronda S. Bailey 11/22/10 1202 Drop Box / Courier
Relinquished By Date / Time

Received By 11/23/10 11:09
Date / Time

Relinquished By **Date/Time**

Received By
Date / Time

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY

1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **147226**
Total Samples 10
Date Sampled 11/15/2010
Date Received 11/23/2010
Date Analyzed 11/23/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: UNIT 2-11152010 Micro: 147226-01 LM 11/15/2010 REMEDIATION ZONE B (BM883956)	Time 475 Rate 2 Liters 950.0	Fibers 8.5 Fields 100 F/mm² 10.8	0.004	LCL 0.002 UCL 0.007 LOD 0.003 LOQ 0.041 CV 0.26
Client: UNIT 2-FB-11152010 Micro: 147226-02 11/15/2010 REMEDIATION ZONE B FIELD BLANK (BM883958)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: RZ-D-11162010 Micro: 147226-03 11/16/2010 REMEDIATION ZONE D (BM883951)	Time 560 Rate 2 Liters 1120.0	Fibers 12 Fields 100 F/mm² 15.3	0.005	LCL 0.003 UCL 0.008 LOD 0.002 LOQ 0.034 CV 0.26
Client: FB-1-11162010-RZ-D Micro: 147226-04 11/16/2010 REMEDIATION ZONE D FIELD BLANK (BM883970)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: 11172010-RZ-B-12.13 Micro: 147226-05 LM 11/17/2010 REMEDIATION ZONE B (BM884100)	Time 590 Rate 2 Liters 1180.0	Fibers 22.5 Fields 100 F/mm² 28.7	0.009	LCL 0.004 UCL 0.014 LOD 0.002 LOQ 0.033 CV 0.28

Technical Supervisor: _____ 11/23/2010 Analyst: LM
Frank Raviola, M.S. Date Reported

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm2. Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm2. The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm2. N/A = not applicable.

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Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **147226**
Total Samples 10
Date Sampled 11/15/2010
Date Received 11/23/2010
Date Analyzed 11/23/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: FB-1-RZ-B-11172010 Micro: 147226-06 11/17/2010 REMEDIATION ZONE B FIELD BLANK (BM884008)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: UW-11192010B Micro: 147226-07 11/19/2010 UPWIND STATION (BS823115)	Time 651 Rate 2 Liters 1302.0	Fibers 7.5 Fields 100 F/mm² 9.6	**0.003**	LCL UCL 0.001 0.004 LOD LOQ 0.002 0.030 CV 0.26
Client: FB-37-11192010B Micro: 147226-08 11/19/2010 UPWIND STATION FIELD BLANK (BS823266)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: DW-11192010B Micro: 147226-09 11/19/2010 DOWNWIND STATION (BS823106)	Time 644 Rate 2 Liters 1288.0	Fibers 5 Fields 100 F/mm² < 7.0	**< 0.002**	LCL UCL 0.000 0.004 LOD LOQ 0.002 0.030 CV 0.52
Client: FB-38-11192010 Micro: 147226-10 11/19/2010 DOWNWIND STATION FIELD BLANK (BS823086)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52

Technical Supervisor: _____ 11/23/2010 Analyst: LM
Frank Ramola, M.S. Date Reported

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Northgate Environmental Management
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PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In 147226
Total Samples 10
Date Sampled 11/15/2010
Date Received 11/23/2010
Date Analyzed 11/23/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: UNIT 2-11152010 Micro: 147226-01 LM 11/15/2010 REMEDIATION ZONE B (BM883956)	Time 475 Rate 2 Liters 950.0	Fibers 8.5 Fields 100 F/mm² 10.8	0.004	LCL 0.002 UCL 0.007 LOD 0.003 LOQ 0.041 CV 0.26
Client: UNIT 2-FB-11152010 Micro: 147226-02 11/15/2010 REMEDIATION ZONE B FIELD BLANK (BM883958)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: RZ-D-11162010 Micro: 147226-03 11/16/2010 REMEDIATION ZONE D (BM883951)	Time 560 Rate 2 Liters 1120.0	Fibers 12 Fields 100 F/mm² 15.3	0.005	LCL 0.003 UCL 0.008 LOD 0.002 LOQ 0.034 CV 0.26
Client: FB-1-11162010-RZ-D Micro: 147226-04 11/16/2010 REMEDIATION ZONE D FIELD BLANK (BM883970)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: 11172010-RZ-B-12.13 Micro: 147226-05 LM 11/17/2010 REMEDIATION ZONE B (BM884100)	Time 590 Rate 2 Liters 1180.0	Fibers 22.5 Fields 100 F/mm² 28.7	0.009	LCL 0.004 UCL 0.014 LOD 0.002 LOQ 0.033 CV 0.28

Technical Supervisor: _____ 11/23/2010 Analyst: LM
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Client: UW-11192010B Micro: 147226-07 11/19/2010 UPWIND STATION (BS823115)	Time 651 Rate 2 Liters 1302.0	Fibers 7.5 Fields 100 F/mm² 9.6	**0.003**	LCL UCL 0.001 0.004 LOD LOQ 0.002 0.030 CV 0.26
Client: FB-37-11192010B Micro: 147226-08 11/19/2010 UPWIND STATION FIELD BLANK (BS823266)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52
Client: DW-11192010B Micro: 147226-09 11/19/2010 DOWNWIND STATION (BS823106)	Time 644 Rate 2 Liters 1288.0	Fibers 5 Fields 100 F/mm² < 7.0	**< 0.002**	LCL UCL 0.000 0.004 LOD LOQ 0.002 0.030 CV 0.52
Client: FB-38-11192010 Micro: 147226-10 11/19/2010 DOWNWIND STATION FIELD BLANK (BS823086)	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.52

Technical Supervisor: _____ 11/23/2010 Analyst: LM
Frank Ramola, M.S. Date Reported

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