

Client ID #

2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608

Log in #

146370

Northgate Environmental

300 Frank H. Ogawa Plaza, Suite

510

Oakland, CA 94612

Project

Tronox LLC

Asbestos (TEM)

NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Number of Samples

4

Turn-Around Time

3-5 DAYS

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled		Average LPM	Total Liters	Filter Pore Size
				Start / Stop / Total Minutes				
	RZ-B-04-08-12-10252010	Remediation Zone B - 04, 05, 06, 07, 07a, 08, and 12 (BM860628)	10/25/2010	06:00	15:53	2.0	1,186.00	0.80
				593				
	FB-1-10252010	Remediation Zone B - 04, 05, 06, 07, 07a, 08, and 12 Field Blank (BM860654)	10/25/2010	:	:	0.0	0.00	0.80
				0				
	RZ-B-04-08-10272010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM860709)	10/27/2010	06:08	17:03	2.0	1,310.00	0.80
				655				
	FB-1-10272010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM860643)	10/27/2010	:	:	0.0	0.00	0.80
				0				
	RZ-B-04-08-10212010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM884539)	10/21/2010	6:48	16:03	2.0	1,110.00	0.80
				555				
	FB-1-10212010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM884513)	10/21/2010	:	:	0.0	0.00	0.80
				0				
	RZ-B-04-08-10222010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM860632)	10/22/2010	6:30	14:50	2.0	1,000.00	0.80
				500				
	FB-1-10222010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM860641)	10/22/2010	:	:	0.0	0.00	0.80
				0				
				:	:	0.0	0.00	0.80
				0				
				:	:	0.0	0.00	0.80
				0				

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).

Francisco Barron

Sampler's Signature / Name

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

David T. Behnken

Drop Box / Courier

Relinquished By

Date / Time

Grid for Date/Time

Received By

Date / Time

Relinquished By

Date/Time

Grid for Date/Time

Received By

Date / Time

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in #

140370

Name / Client / Address:

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

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Project

Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

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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	RZ-B-04-08-12-10252010	Remediation Zone B - 04, 05, 06, 07, 07a, 08, and 12 (BM860628)	10/25/2010	06:00 15:53 593	2.0	1,186.00	0.80
02	FB-1-10252010	Remediation Zone B - 04, 05, 06, 07, 07a, 08, and 12 Field Blank (BM860654)	10/25/2010	: : 0	0.0	0.00	0.80
03	RZ-B-04-08-10272010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM860709)	10/27/2010	06:08 17:03 655	2.0	1,310.00	0.80
04	FB-1-10272010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM860643)	10/27/2010	: : 0	0.0	0.00	0.80
05	RZ-B-04-08-10212010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM884539)	10/21/2010	6:48 16:03 555	2.0	1,110.00	0.80
06	FB-1-10212010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM884513)	10/21/2010	: : 0	0.0	0.00	0.80
07	RZ-B-04-08-10222010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 (BM860632)	10/22/2010	6:30 14:50 500	2.0	1,000.00	0.80
08	FB-1-10222010	Remediation Zone B - 04, 05, 06, 07, 07a, and 08 Field Blank (BM860641)	10/22/2010	: : 0	0.0	0.00	0.80
				: : 0	0.0	0.00	0.80
				: : 0	0.0	0.00	0.80

Instructions / Comments:

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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).

Francisco Barron

Sampler's Signature / Name

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

David T. Behnken

David T. Behnken 10/25/10

Drop Box / Courier

11/1/10 9:43

Relinquished By

Date / Time

Received By

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 **146370**
Total Samples 8
Date Sampled 10/25/2010
Date Received 11/01/2010
Date Analyzed 11/01/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: RZ-B-04-08.12-10252010 Micro: 146370-01 10/25/2010 REMEDATION ZONE B 04, 05, 06, 07, 07A, 08 AND 12 (BM860628)	Time 593 Rate 2 Liters 1186.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.005 LOD LOQ 0.002 0.032 CV 0.50
Client: FB-1-10252010 Micro: 146370-02 10/25/2010 REMEDATION ZONE B 04, 05, 06, 07, 07A, 08 AND 12 FIELD BLANK (BM860654)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 0.50
Client: RZ-B-04-08-10272010 Micro: 146370-03 10/27/2010 REMEDATION ZONE B 04, 05, 06, 07, 07A AND 08 (BM860709)	Time 655 Rate 2 Liters 1310.0	Fibers 5.5 Fields 100 F/mm ² 7.0	0.002	LCL UCL 0.001 0.003 LOD LOQ 0.002 0.029 CV 0.25
Client: FB-1-10272010 Micro: 146370-04 10/27/2010 REMEDATION ZONE B 04, 05, 06, 07, 07A AND 08 FIELD BLANK (BM860643)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 0.50
Client: RZ-B-04-08-10212010 Micro: 146370-05 10/21/2010 REMEDATION ZONE B 04, 05, 06, 07, 07A AND 08 (BM884539)	Time 555 Rate 2 Liters 1110.0	Fibers 21 Fields 100 F/mm ² 26.8	0.009	LCL UCL 0.004 0.014 LOD LOQ 0.002 0.035 CV 0.28

Technical Supervisor: Frank Raviola, M.S.

11/1/2010
Date Reported

Analyst: LM

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.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



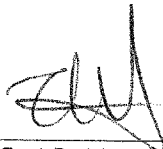
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TRONOX LLC
JOB NO. 2027.07

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Total Samples 8
Date Sampled 10/25/2010
Date Received 11/01/2010
Date Analyzed 11/01/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-1-10212010 Micro: 146370-06 10/21/2010 REMEDIAION ZONE B 04, 05, 06, 07, 07A AND 08 FIELD BLANK (BM884513)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	0.50
Client: RZ-B-04-08-10222010 Micro: 146370-07 10/22/2010 REMEDIAION ZONE B 04, 05, 06, 07, 07A AND 08 (BM860632)	Time 500 Rate 2 Liters 1000.0	Fibers 18.5 Fields 100 F/mm ² 23.6	0.009	LCL	UCL
				0.005	0.014
				LOD	LOQ
				0.003	0.039
				CV	0.25
Client: FB-1-10222010 Micro: 146370-08 10/22/2010 REMEDIAION ZONE B 04, 05, 06, 07, 07A AND 08 FIELD BLANK (BM860641)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	0.50

Technical Supervisor: _____


Frank Raviola, M.S.

11/1/2010
Date Reported

Analyst: _____

LM

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