

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 #

144368

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Number of Samples

8 (8)

Turn-Around Time

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
144368-1	DW-09092010A	Downwind Station (BM884543)	09/09/2010	19:40 27:40 480	2.0	960.00	0.80
2	FB-2-09092010A	Downwind Station Field Blank (BM884342)	09/09/2010	: : 0	0.0	0.00	0.80
3	UW-09092010A	Upwind Station (BM884391)	09/09/2010	19:25 28:05 520	2.0	1,040.00	0.80
4	FB-1-09092010A	Upwind Station Field Blank (BM860618)	09/09/2010	: : 0	0.0	0.00	0.80
5	DW-09102010A	Downwind Station (BM884411)	09/10/2010	18:05 27:58 593	2.0	1,186.00	0.80
6	FB-1-09102010A	Downwind Station Field Blank (BM884394)	09/10/2010	: : 0	0.0	0.00	0.80
7	UW-09102010A	Upwind Station (BM884364)	09/10/2010	18:27 28:10 583	2.0	1,166.00	0.80
8	FB-2-09102010A	Upwind Station Field Blank (BM884345)	09/10/2010	: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0	0.0	0.00	

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).

Relinquished By: Ronda Bailey (Signature) Date/Time: 9/10/10

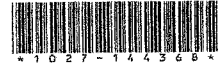
Relinquished By: David T. Behnken (Signature) Date/Time: 9/10/10

Relinquished By: [Signature] Date/Time: [] Received By: [Signature] Date/Time: 9/13/10 10:00

Relinquished By: [Signature] Date/Time: [] Received By: [Signature] Date/Time: []

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



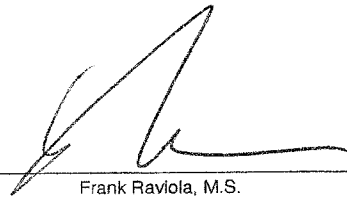
1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **144368**
Total Samples 8
Date Sampled 09/09/2010
Date Received 09/13/2010
Date Analyzed 09/13/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-1-09102010A Micro: 144368-06 9/10/2010 DOWNWIND STATION FIELD BLANK (BM884394)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	1.15
Client: UW-09102010A Micro: 144368-07 9/10/2010 UPWIND STATION (BM884364)	Time 583 Rate 2 Liters 1166.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.002	LCL	UCL
				0.000	0.008
				LOD	LOQ
				0.002	0.033
				CV	1.15
Client: FB-2-09102010A Micro: 144368-08 9/10/2010 UPWIND STATION FIELD BLANK (BM884345)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	1.15

Technical Supervisor: _____


Frank Raviola, M.S.

9/13/2010
Date Reported

Analyst: _____ KS

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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Micro Log In **144368**
Total Samples 8
Date Sampled 09/09/2010
Date Received 09/13/2010
Date Analyzed 09/13/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: DW-09092010A Micro: 144368-01 9/9/2010 DOWNWIND STATION (BM884543)	Time 480 Rate 2 Liters 960.0	Fibers 5 Fields 100 F/mm ² < 7.0	< 0.003	LCL UCL 0.000 0.009 LOD LOQ 0.003 0.040 CV 1.15
Client: FB-2-09092010A Micro: 144368-02 9/9/2010 DOWNWIND STATION FIELD BLANK (BM884342)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.15
Client: UW-09092010A Micro: 144368-03 9/9/2010 UPWIND STATION (BM884391)	Time 520 Rate 2 Liters 1040.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.003	LCL UCL 0.000 0.008 LOD LOQ 0.003 0.037 CV 1.15
Client: FB-1-09092010A Micro: 144368-04 9/9/2010 UPWIND STATION FIELD BLANK (BM860618)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.15
Client: DW-09102010A Micro: 144368-05 KS 9/10/2010 DOWNWIND STATION (BM884411)	Time 593 Rate 2 Liters 1186.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.007 LOD LOQ 0.002 0.032 CV 1.15

Technical Supervisor: _____

Frank Raviola, M.S.

9/13/2010
Date Reported

Analyst: _____

KS

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