

Client ID #
2027.07
Name / Client / Address:
Northgate Environmental

MICRO ANALYTICAL LABORATORIES, INC.
5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0624 - (510) 653-1361 - FAX



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)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples 4 **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
	FB-1-08182010	Upwind Station Field Blank	08/18/2010	: : :	0.0	0.00	0.80
	FB-2-08182010	Downwind Station Field Blank	08/18/2010	: : : 0	0.0	0.00	0.80
	UW-08182010	Upwind Station	8/17/10 08/18/2010	20:23 5:28 1526	2.0	1072 0.00	0.80
	DW-08182010	Downwind Station	8/17/10 08/18/2010	21:39 6:03 504	2.0	1008 0.00	0.80
				: : : 0	0.0	0.00	
				: : : 0	0.0	0.00	
				: : : 0		0.00	
				: : : 0		0.00	
				: : : 0		0.00	
				: : : 0		0.00	

Instructions / Comments: Fax E-mail To: ted.splitter@ngem.com

★ THIS PROC DOES NOT WORK FOR SAMPLING OVER NIGHT: FILLED IN BY HAND (DTB)

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).

David T. Behnken
[Signature]
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 **Received By** Date / Time

Relinquished By Date / Time **Received By** Date / Time

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

Log in # 143421

Project
Tronox LLC

Job No. 2027.07

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

Number of Samples 4 **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
143421-1	FB-1-08182010	Upwind Station Field Blank	08/18/2010	: : 0	0.0	0.00	0.80
-2	FB-2-08182010	Downwind Station Field Blank	08/18/2010	: : 0	0.0	0.00	0.80
-3	UW-08182010	Upwind Station	8/17/10 TO 08/18/2010	20:23 5:28 8526	2.0	1072 400	0.80
-4	DW-08182010	Downwind Station	8/17/10 TO 08/18/2010	21:31 6:03 8504	2.0	1008 400	0.80
				: : 0	0.0	0.00	
				: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	

Instructions / Comments: Fax E-mail To: ted.splitter@ngem.com

★ THIS COC DOES NOT WORK FOR SAMPLING OVER NIGHTS. FILLED IN BY HAND (DOB)

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: *David T. Behnken*

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

Relinquished By: David T. Behnken Date/Time: [] [] [] [] Drop Box / Courier Received By: *[Signature]* Date/Time: 8/20/10 10:53

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

CLEAR FORM

SAVE FORM

E-MAIL

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

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Log in #

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3-5 DAYS

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-2	FB-2-08182010	Downwind Station Field Blank	08/18/2010	:	0.0	0.00	0.80
-3	UW-08182010	Upwind Station	8/17/10 08/18/2010	20:23 5:28 7526	2.0	1072 0.00	0.80
-4	DW-08182010	Downwind Station	8/17/10 08/18/2010	21:39 6:03 504	2.0	1008 0.00	0.80
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	
				:	0.0	0.00	

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David T. Behnken

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Date / Time

Drop Box / Courier

Received By

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MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY

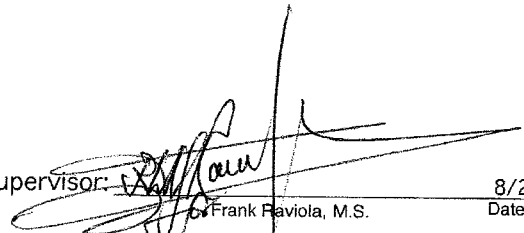


1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
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PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **143421**
Total Samples 4
Date Sampled 08/18/2010
Date Received 08/20/2010
Date Analyzed 08/20/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-1-08182010 Micro: 143421-01 8/18/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	1.15
Client: FB-2-08182010 Micro: 143421-02 8/18/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL	UCL
				LOD	LOQ
				CV	1.15
Client: UW-08182010 Micro: 143421-03 KS 8/17/2010 UPWIND STATION	Time 536 Rate 2.0 Liters 1072.0	Fibers 5 Fields 100 F/mm ² < 7.0	< 0.003	LCL	UCL
				0.000	0.008
				LOD	LOQ
				0.003	0.036
				CV	1.15
Client: DW-08182010 Micro: 143421-04 8/17/2010 DOWNWIND STATION	Time 504 Rate 2.0 Liters 1008.0	Fibers 3 Fields 100 F/mm ² < 7.0	< 0.003	LCL	UCL
				0.000	0.009
				LOD	LOQ
				0.003	0.038
				CV	1.15

Technical Supervisor: 

Frank Paviola, M.S.

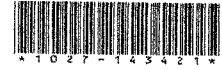
8/20/2010
Date Reported

Analyst: KS

AIHA IHLP LABORATORY Accreditation / PAT ID No. 101268. 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

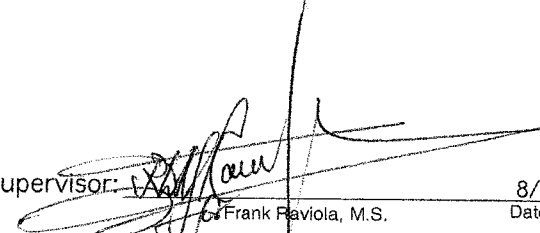


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8/20/2010
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