

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.

3500 Hollis St., Suite M, Emeryville, CA 94608
(510) 652 0323 (510) 652 1351 FAX

Log in #

14125

Project
Tronox LLC

Asbestos (TE98) NIOSH 7400

Asbestos

Lead Only

Metals (Specific)

Mold, Non-Viable

Other (Specify)

Number of Samples

10

Turnaround Time

3-5 DAYS



Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average (PM)	Total Liters	Filter Pore Size
	FB-1-09022010B	Upwind Station Field Blank	09/02/2010	0	0.0	0.00	0.80
	FB-2-09022010B	Downwind Station Field Blank	09/02/2010	0	0.0	0.00	0.80
	UW-09022010B	Upwind Station	09/02/2010	10:29 - 18:02 453	2.0	906.00	0.80
	DW-09022010B	Downwind Station	09/02/2010	11:00 - 18:30 450	2.0	900.00	0.80
	FB-1-09032010B	Upwind Station Field Blank	09/03/2010	0	0.0	0.00	0.80
	FB-2-09032010B	Downwind Station Field Blank	09/03/2010	0	0.0	0.00	0.80
	UW-09032010B	Upwind Station	09/03/2010	08:16 - 17:28 552	2.0	1,104.00	0.80
	DW-09032010B	Downwind Station	09/03/2010	07:56 - 17:15 559	2.0	1,118.00	0.80
	UW-09042010A	Upwind Station	09/04/2010	19:32 - 27:30 478	2.0	956.00	0.80
	DW-09042010A	Downwind Station	09/04/2010	19:49 - 28:10 501	2.0	1,002.00	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 suspension, and digestates).
Nicky Galloway *Ronda S. Bailey*
Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By: *[Signature]* Date/Time: 09/07/10 04:42 PM
Received By: Date/Time:

Relinquished By: Date/Time: Received By: Date/Time:

Client ID #
2027.07

Name / Client / Address:
Northgate Environmental

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Oakland, CA 94612

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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 #



Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Number of Samples
6

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-1-0904010A	Upwind Station Field Blank	09/04/2010	: : 0	0.0	0.00	0.80
	FB-2-09042010A	Downwind Station Field Blank	09/04/2010	: : 0	0.0	0.00	0.80
	FB-1-0907010A	Upwind Station Field Blank	09/07/2010	: : 0	0.0	0.00	0.80
	FB-2-09072010A	Downwind Station Field Blank	09/07/2010	: : 0	0.0	0.00	0.80
	UW-09072010A	Upwind Station	09/07/2010	19:30 25:45 375	2.0	750.00	0.80
	DW-09072010A	Downwind Station	09/07/2010	19:45 25:55 370	2.0	740.00	0.80
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 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).

Ronda S. Bailey *Ronda S. Bailey* 09/07/10 09:42 Note to Lab: If any samples are not acceptable, record reasons for rejection.

Sampler's Signature / Name Francisco Barron David T. Behnken Drop Box / Courier

Relinquished By Date / Time Received By Date / Time

Relinquished By Date / Time Received By Date / Time

CLEAR FORM

SAVE FORM

E-MAIL

MICRO ANALYTICAL LABORATORIES, INC.

5500 Hollis St., Suite H, Emeryville, CA 94608
(910) 833-0824 (910) 833-1354 FAX

Log in #

144125

Client ID #

2027.07

Name / Client / Address:

Northgate Environmental

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

Asbestos
(TE#)

NIOSH 7400

Asbestos

Lead Only

Metals
(Specify)

Mold, Non-Viable

Other
(Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

E-mail ted.splitter@ngem.com

Project

Tronox LLC

Job No. 2027.07

Number of Samples

10

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
144125-1	FB-1-09022010B	Upwind Station Field Blank	09/02/2010	0	0.0	0.00	0.80
2	FB-2-09022010B	Downwind Station Field Blank	09/02/2010	0	0.0	0.00	0.80
3	UW-09022010B	Upwind Station	09/02/2010	10:29 - 18:02 453	2.0	906.00	0.80
4	DW-09022010B	Downwind Station	09/02/2010	11:00 - 18:30 450	2.0	900.00	0.80
5	FB-1-09032010B	Upwind Station Field Blank	09/03/2010	0	0.0	0.00	0.80
6	FB-2-09032010B	Downwind Station Field Blank	09/03/2010	0	0.0	0.00	0.80
7	UW-09032010B	Upwind Station	09/03/2010	08:16 - 17:28 552	2.0	1,104.00	0.80
8	DW-09032010B	Downwind Station	09/03/2010	07:56 - 17:15 559	2.0	1,118.00	0.80
9	UW-09042010A	Upwind Station	09/04/2010	19:32 - 27:30 478	2.0	956.00	0.80
10	DW-09042010A	Downwind Station	09/04/2010	19:49 - 28:10 501	2.0	1,002.00	0.80

Instructions / Comments: Fax Email 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).
Nicky Galloway *Ronda S. Bailey*

Sampler's Signature / Name: *James Bam*
Date / Time: 09/07/10 04:42
Drop Box / Courier:
Received By: *thm* 9:16 10:15

Requisitioned By: _____ Date/Time: _____ Received By: _____ Date / Time: _____

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY

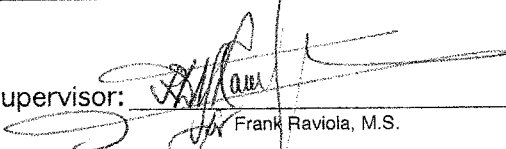


1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **144125**
Total Samples 16
Date Sampled 09/02/2010
Date Received 09/08/2010
Date Analyzed 09/08/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-1-09022010B Micro: 144125-01 9/2/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: FB-2-09022010B Micro: 144125-02 9/2/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: UW-09022010B Micro: 144125-03 KS 9/2/2010 UPWIND STATION	Time 453 Rate 2 Liters 906.0	Fibers 3 Fields 100 F/mm ² < 7.0	< 0.003	LCL LOD CV	UCL 0.010 0.042 1.15
Client: DW-09022010B Micro: 144125-04 9/2/2010 DOWNWIND STATION	Time 450 Rate 2 Liters 900.0	Fibers 4 Fields 100 F/mm ² < 7.0	< 0.003	LCL LOD CV	UCL 0.010 0.043 1.15
Client: FB-1-09032010B Micro: 144125-05 9/3/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15

Technical Supervisor: 

Frank Raviola, M.S.

9/8/2010
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 qualification for optimal precision and accuracy are 100 (LOQ) and 1000 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




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

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **144125**
Total Samples 16
Date Sampled 09/02/2010
Date Received 09/08/2010
Date Analyzed 09/08/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-2-09032010B Micro: 144125-06 9/3/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: UW-09032010B Micro: 144125-07 9/3/2010 UPWIND STATION	Time 552 Rate 2 Liters 1104.0	Fibers 6 Fields 100 F/mm ² 7.6	0.003	LCL LOD CV	UCL 0.004 0.035 0.28
Client: DW-09032010B Micro: 144125-08 KS 9/3/2010 DOWNWIND STATION	Time 559 Rate 2 Liters 1118.0	Fibers 4 Fields 100 F/mm ² < 7.0	< 0.002	LCL LOD CV	UCL 0.008 0.034 1.15
Client: UW-09042010A Micro: 144125-09 9/4/2010 UPWIND STATION	Time 478 Rate 2 Liters 956.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.003	LCL LOD CV	UCL 0.009 0.040 1.15
Client: DW-09042010A Micro: 144125-10 9/4/2010 DOWNWIND STATION	Time 501 Rate 2 Liters 1002.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.003	LCL LOD CV	UCL 0.009 0.038 1.15

Technical Supervisor: 

Frank Raviola, M.S.

9/8/2010
Date Reported

Analyst: KS

AIHA IHLP 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. Intra-laboratory 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

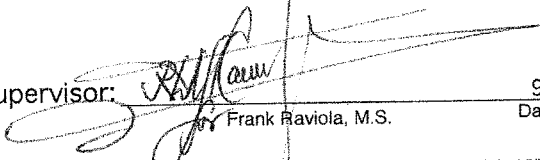


1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **144125**
Total Samples 16
Date Sampled 09/02/2010
Date Received 09/08/2010
Date Analyzed 09/08/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
				LCL	UCL
Client: FB-1-0904010A Micro: 144125-11 9/4/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: FB-2-0904010A Micro: 144125-12 9/4/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: FB-1-0907010A Micro: 144125-13 9/7/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: FB-2-0907010A Micro: 144125-14 KS 9/7/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.15
Client: UW-09072010A Micro: 144125-15 9/7/2010 UPWIND STATION	Time 375 Rate 2 Liters 750.0	Fibers 8 Fields 100 F/mm ² 10.2	0.005	LCL LOD CV	UCL 0.008 LOQ 0.051 0.28

Technical Supervisor: 

Frank Raviola, M.S.

9/8/2010
Date Reported

Analyst: KS

AIHA IH LAP LABORATORY Accreditation / PAT ID No. 10789. 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. Intra-laboratory 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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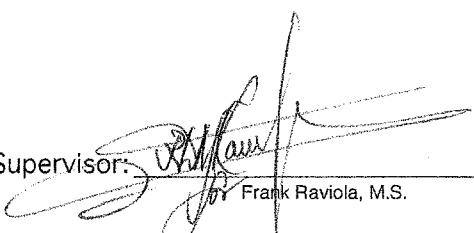


1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **144125**
Total Samples 16
Date Sampled 09/02/2010
Date Received 09/08/2010
Date Analyzed 09/08/2010

Sample ID		Field Data		Lab Data		Fibers / cc	Limits	
Client:	DW-09072010A	Time	370	Fibers	8.5	0.006	LCL	UCL
Micro: 144125-16	9/7/2010	Rate	2	Fields	100		0.003	0.009
DOWNWIND STATION		Liters	740.0	F/mm ²	10.8		LOD	LOQ
							0.004	0.052
							CV	0.28

Technical Supervisor: 
Frank Raviola, M.S.

9/8/2010
Date Reported

Analyst: KS

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