E-MAIL

MICRO ANALYTICAL LABORATORIES, INC.

Client ID# 2027.07

spot Malife St. Suite M. Emaryville, CA 94606

juces:	(518) 553 6354 - (518) 55°	(510) 503 503.2 (510) 503 1361 - FAX				Name and the second					
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gawa Plaza, Suite	-	· · · · · · · · · · · · · · · · · · ·									
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-0688			Mald Non-Vi	abla							
	Job No. 2027.07		,								
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		MY	10		3-5 DA	YS					
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·	4	00/02/2010	100 mm m m m m m m m m m m m m m m m m m	0.0	0.00	0.80					
FB-1-09022010B		03/02/2010	0			No.					
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	0.00	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					
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	Ronda	J. Da. ley	7000	ecotable. z	cord reasons	for rejection					
re / Name	ou! Y Prop Box /		. trry battipree are san a			-					
estoan	07/07/10 Date / Time	f	ved By		T	Time					
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	FB-2-09022010B UW-09022010B DW-09022010B FB-1-09032010B UW-09032010B DW-09032010B UW-09042010A DW-09042010A	pamental pawa Plaza, Suite. Tronox L Tronox	Description Client Semple ID# Description COPY Client Semple ID# FB-1-09022010B Downwind Station Field Blank DW-09022010B Downwind Station DW-09022010B Downwind Station Field Blank DW-09022010B Downwind Station Field Blank DW-09022010B DW-09032010B DW-09032010B Downwind Station Field Blank DW-09032010B Downwind Station DW-09042010A DW-0904201	Asbeston Asbeston	Authorition Authorition	Project Asbestoe Italia Italia					

Client ID# 2027.07 Yame / Client / Address: Northgate Environmental	MICRO ANALYTICAL LA 5900 Hollis St., Suite M, Em (510) 653-0824 - (510) 65	eryville, CA 9460	B. D. J.	Log in		
300 Frank H. Ogawa Plaza, Suite	Projec	t	Asbestos (TEM)	NIOSH 74	00	
510	Tronox L	LC	Asbestos			
Oakland, CA 94612			Lead Only_	i.		
	NACIONA		Metals (Specify)		· · · · · · · · · · · · · · · · · · ·	
ГеІ. <u>(510)</u> 839-0688	1940CN		 Mold, Non-\	/iable		
Fax (510) 839-4350	Job No. 2027.07		Other			
E-mail ted.splitter@ngem.com			(Specify)			
		PY	Number of 6	Samples	3-5 D/	round Time
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-1-0904010/	Upwind Station Field Blank	09/04/2010	: :	0.0	0.00	0.80
FB-2-09042010/	Downwind Station Field Blank	09/04/2010	: :	0.0	0.00	0.80
FB-1-0907010	Upwind Station Field Blank	09/07/2010	: :	0.0	0.00	0.80
FB-2-09072010	Downwind Station Field Blank	09/07/2010	: : :	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
			: :		0.00	
10.0 10.2 A.A. A.A. A.A. A.A. A.A. A.A. A.A. A	-		: :		0.00	Control of the Contro
Vale de la constante de la con			: : :		0.00	
						20.73

Instructions / Comments:	Fax ✓ E-mail T	o: ted.splitter@ngem.com; dav	id.bennken@ngem.com
Sample Return: YES NO	If "YES" is checked, samples will be	returned to the client or archived at Micro Analytic one week for liquid samples, lab suspensions, and d	al if required.
If "NO" is checked, solid samples may Ronda S. Bailey			
Sampler's Signature / Name Francis co Barra David T. Behnken	2 Ram 09/57	//o office Note to Lab: If any samples are not Drop Box / Courier	acceptable, record reasons for rejection.
Relinquished By	Date / Time	Received By	Date / Time
Relinquished By	Date/Time	Received By	Date / Time

MICRO ANALYTICAL LABORATORIES, INC.

Client ID#

5500 Holls St., Suite M, Emeryville, CA 94008

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rthaat	e Environm	nental	Fre Radio & Single Co.	(TEM)					
300 Frank H. Ogawa Plaza, Suite				Asbestos					
			Tronox LLC						
ukland	I, CA 9461	2			Lead Only				
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	510) 839-4		Job No. 2027.07	and the second s	Other (Specify)				
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-mail t	ed.splitter@	ngem.com			Marridher and Aren	regións.			
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					Time Sampici Start / Stop /	Average	Total	Filter	
			•	Date Sampled	Total Minutes	Ĺbiv	T iters	Pore Sta	
Micro	ID // ah Use (mly)	Client Samule ITH	Haariniim		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0	0.00	0.80	
	5	FB-1-09022010B	Upwind Station Field Blank	09/02/2010	0	0.0			
1441	151	1. E				0.0	0,00	0.80	
FB-2-09022010B		0.00000010R	Downwind Station Field Blank	09/02/2010	0	0.0	0.00		
		FB-5-030550 10D		The second secon	10 29 18 02		202.00	0.80	
-	Martine St. Printer St.		Upwind Station	09/02/2010	453	2.0	906.00	0.00	
1	n	UW-09022010B			11:00 18:30		The same of the sa		
			Downwind Station	09/02/2010	450	2.0	900.00	0.80	
		DW-09022010B	d of the state of		430				
			Upwind Station Field Blank	09/03/2010		0.0	0.00	0.80	
		FB-1-09032010B	GPWIIIG CLOSE	05/00/27	0				
€ FB-2-09032010B		The second secon	Downwind Station Field Blank	09/03/2010	: :	0.0	0.00	0.80	
		FB-2-09032010B	Downwind Station Field Station	09/03/2010			and the second s		
	and distance that his field of which is being in the	The same and a second communication of the same and second control of the same and	A DATE OF		08;16 17;28	2.0	1,104.00	0.80	
	1	UW-09032010B	Upwind Station	09/03/2010	552		<u> </u>		
1	\	The same and of the same same same same same same same sam			07:56 17:15	2.0	1,118.00	0.80	
	7 8	DW-09032010B	Downwind Station	09/03/2010	559	2.0		-	
	V		The state of the s		19 32 27 30		956.00	0.80	
	9	UW-09042010A	Upwind Station	09/04/2010	478	2.0	500.00		
		0	Fig. 1	The same of the sa	19:49 28:10)		0.80	
ļ	10	DW-09042010A	Downwind Station	09/04/2010	501	2.0	1,002.00) 10.00	
		DW-09042010A	and the contract of the contra		Anna management of the second of the				
			- teds	::::::::::::::::::::::::::::::::::::::	em.com; davi	d.behn	ken@ng	em.co	
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					and the stop to place to proper some deligner speciments appear and assessment	and the second of the second of			
			ES" is checked, samples will be returned to	the client or archi	ved at Micro Analytic	al if required	1		
am	ple Return:	YES I INO LY JIF "Y	ES" is checked, samples will be returned to ispessed of within three months (one week for	5 1 may and 4 may 1	lab suspension, and d	ecetates)			
li: "I Nic	no is eneck cky Gallowa	y	Ronda	S. Bailey			coord reasor	is for seic	
	mler's Signs		~	Note to Lab:	If any samples are not	a a	ili II	rK	
4	1	Ran	09/07/10 0414 Brop Box /	Courter	tv m	- (~0 ~	, , , ,	Date / T	
	numbed to		Date / Time	Rec	eived By			iale / 1	
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Page 1 of 4

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	-						LCL	UCL
Micro: 144125-01 UPWIND STATION FIELD BLANK		9/2/2010	Time Rate Liters		Fibers Fields F/mm²	0 100 < 7.0		LOD	LOQ
								CV	1.15
Client:	FB-2-09022010B							LCL	UCL
	144125-02 /IND STATION FIELD BLANK	9/2/2010	Time Rate Liters		Fibers Fields F/mm²	0 100 < 7.0		LOD	LOQ
								CV	1.15
	UW-09022010B 144125-03 KS 9 STATION	9/2/2010	Time Rate Liters	453 2 906.0	Fibers Fields F/mm²	3 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003	UCL 0.010 LOQ 0.042
								cv	1.15
	DW-09022010B 144125-04 WIND STATION	9/2/2010	Time Rate Liters	450 2 900.0	Fibers Fields F/mm²	4 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003 CV	UCL 0.010 LOQ 0.043 1.15
Client:	FB-1-09032010B							LCL	UCL
	144125-05 DISTATION FIELD BLANK	9/3/2010	Time Rate Liters		Fibers Fields	0 100 < 7.0		LOD	LOQ
			Liters		F/mm²	< 1.0		cv	1.15

Technical Supervisor: 9/8/2010 Analyst: KS

Date Reported Analyst: KS

AHA IHLAP LABGRATORY 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/co) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of veriation (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 + [1.845 x CV x Standard]). Concentrations are filed blank-corrected. Time is in inters per minute. 8 Hour TWA calculated time weighted average concentration in fibers/co) based on 8 hours. Note: due to method variability, 85% 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 responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verificability of results is limited to fibers per mm2. NA = 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 0

mpled 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					_		LCL	UCL	
		Time Rate Liters		Fibers Fields F/mm²	0 100 < 7.0		LOD	LOQ 1.15	
Client:	UW-09032010B							LCL	UCL
	144125-07 9/3 STATION	3/2010	Time Rate Liters	552 2 1104.0	Fibers Fields F/mm²	6 100 7.6	0.003	0.001 LOD 0.002 CV	0.004 LOQ 0.035 0.28
	DW-09032010B 144125-08 KS 9/ VIND STATION	3/2010	Time Rate Liters	559 2 1118.0	Fibers Fields F/mm²	4 100 < 7.0	< 0.002	LCL 0.000 LOD 0.002 CV	UCL 0.008 LOQ 0.034 1.15
	UW-09042010A 144125-09 9/ 9 STATION	/4/2010	Time Rate Liters	478 2 956.0	Fibers Fields F/mm²	2 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003	UCL 0.009 LOQ 0.040 1.15
	DW-09042010A 144125-10 9/ VIND STATION	/4/2010	Time Rate Liters	501 2 1002.0	Fibers Fields F/mm²	2 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003 CV	UCL 0.009 LOQ 0.038 1.15

Technical Supervisor: 9/8/2010 Analyst: KS

Date Reported Analyst: MS

AIHA IHLAP LABORATORY Accreditation / PAT ib No. 10 168. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/16/1994). 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 everage concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from responsibility of 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., shall not be reproduced except in full, and pertains only to the samples have been determined to be in control prior releasing these analytical results. This report shall not be reproduced without the approval of 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 minz. 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-1-0904010	A					LCL	UCL	
Micro: 144125-11 UPWIND STATION FIELD BLANK	9/4/2010	Time Rate	Fibers Fields	0 100		LOD	LOQ	
		Liters	F/mm²	< 7.0		cv	1.15	
Client: FB-2-0904010	Ā					LCL	UCL	
Micro: 144125-12 DOWNWIND STATION FIELD BLAN	9/4/2010	Time Rate	Fibers Fields	100		LOD	LOQ	
		Liters	F/mm²	< 7.0		cv	1.15	
Client: FB-1-0907010	Α	The state of the s				LCL	UCL	
Micro: 144125-13 UPWIND STATION FIELD BLANK	9/7/2010	Time Rate	Fibers Fields	100		LOD	LOQ	
		Liters	F/mm²	< 7.0		cv	1.15	
Client: FB-2-0907010)A					LCL	UCL	
Micro: 144125-14 KS DOWNWIND STATION FIELD BLAN	9/7/2010 IK	Time Rate	Fibers Fields	100		LOD	LOQ	
		Liters	F/mm²	< 7.0		cv	1.15	
Client: UW-09072010 Micro: 144125-15	9/7/2010	Time 375	Fibers	8		LCL 0.002	UCL 0.008	
UPWIND STATION	22	Rate 2	Fields F/mm²	100 10.2	0.005	0.004	LOQ 0.051	
						CV	0.28	

Technical Supervisor: 9/8/2010 Analyst: KS

Date Reported Analyst:

AlHA HILAP LABORATORY Accreditation / PAT ID No. 10768. Samples are analyzed using the NIOSH 7490 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/mn2. Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mn2. The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (fibers/cc) for a given fiber count, based on the reported concentration. Intrialaboratory coefficients of variation (CV) for various fiber loadings are percented. 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 reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 6 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, inc. assumes no reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 6 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories in this report. Unless otherwise stated in this three analytical results. This report shall not be reproduced without the approval of 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 verifilability 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		Field Data Lab D		ata Fibers / cc		Limits		
Client: DW-09 Micro: 144125-16 DOWNWIND STATION	9/7/2010 9/7/2010	Time Rate Liters	370 2 740.0	Fibers Fields F/mm²	8.5 100 10.8	0.006	LCL 0.003 LOD 0.004	UCL 0.009 LOQ 0.052 0.28		

Technical Supervisor:

Frank Raviola, M.S.

9/8/2010 Date Reported Analyst:

KS

AlHA IHLAP LABORATORY Accreditation / PAT ID No 101/788. 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% LOCL and LCL (Upper and Lower Confidence Limits of to a given liber count, based on the reported concentration. Intraleboratory coefficients of variation (CV) for various liber locatings are reported. Limits for compliance testing may be calculated by the ofisent, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + 11,845 x CV x Standard). Concentrations effect field blank-concreted. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration if fibers/cc) based on 8 hours. Note: due to method variability, 65% 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., shall not be reproduced accept in full, and pertains only to the samples analyzed. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing those analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, inc., shall not be reproduced accept in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received or 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 applicabl