CLEAR FORM

SAVE FORM

E-MAIL

Client ID# 2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in # [14314]

Name / Client / Address: Northgate Environmental		•	5900 Hollis St., Suite M, (510) 653-0824 - (510	•	3	Log "" (47/41)			
THE REPORT OF THE PERSON NAMED IN COLUMN TWO	ogawa Plaza, Suite	_	Proj	ect	Asbestos (TEM)	NIOSH 74	100		
510 Oakland, CA 9			Trono		Asbestos				
Oakiano, CA S	94612 amusuusuusuusuusuusuusuusuusuusuusuusuusu	no			Lead Only				
PERSONAL CONTRACTOR CO	unadata coma el 1860 a 1960				Metals				
Tel. (510) 839	======================================								
Fax (510) 839	9-4350	_	Job No. 2027.07		Mold, Non-V	/iable			
E-mail ted.splitte	er@ngem.com	- 			Other (Specify)				
					Number of S	Samples		round Time	
					8		3-5 D	AYS	
Micro ID # (For Lab Use Only	y) Client Sample ID#	Desc	ription	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size	
	FB-1-08112010	Upwind Sta	tion Field Blank	08/11/2010	:: :	0.0	0.00	0.80	
	FB-2-08112010	Downwind :	Station Field Blank	08/11/2010	: :	0.0	0.00	0.80	
	UW-08112010	Upwind Sta	tion	08/11/2010	08:53 19:15 622	2.0	1,244.00	0.80	
	DW-08112010	Downwind	Station	08/11/2010	11 <u>.</u> 45 19 <u>.</u> 55	2.0	980.00	0.80	
	FB-1-08122010	Upwind Sta	ntion Field Blank	08/12/2010	: :	0.0	0.00	0.80	
	FB-2-08122010	Downwind	Station Field Blank	08/12/2010	: :	0.0	0.00	0.80	
	UW-08122010	Upwind Sta	ition	08/12/2010	10:32 19:23 531	2.0	1,062.00	0.80	
	DW-08122010	Downwind	Station	08/12/2010	11:00 19:47 527	2.0	1,054.00	0.80	
					: :		0.00		
					: :		0.00		
Instructions / Constructions / Constructions / Construction / Cons	S NO If "YES" solid samples may be dispo	Fax vischecked, osed of within	samples will be returned to	splitter@nger	at Micro Analytical i	f required.			
Sampler's Signatur				Note to Lab: If an	y samples are not ac	ceptable, rec	ord reasons fo	or rejection.	
David T. Behnker)		Drop Box /	Courier					
Relinquished By		Date	e/Time	Received	і Ву		Da	ate / Time	
Relinquished By		Date	/Time	Received	Ву		Da	ate / Time	

E-MAIL

Client ID# 2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in #	143	141	
-	1	' ' '	

Address:	5900 Hollis St., Suite M, Emeryville, CA 94608 (510) 653-0824 - (510) 653-1361 - FAX					
Miller (A. phillips (A. S. M. S.	Project Asbestos NIOSH 7400					
	Tronox I	Asbestos				
978 (M. S. M. dellaholde) i ar rice and sammer i area and an area (M. S. M. S. M. S. M. S. M. S. M. S. M. S. M			Lead Only			
Territoria del Barran a aprici del como proper por un company de company como actividad de como como como como Como como como como como como como como			Metals			
	Job No. 2027,07		Other			
ter@ngem.com			(Specify)			Marie and the second second second
			Number of S	amples		round Time
lv) - Client Somnle ID#	Doggrintion	Date	Time Sampled Start / Stop /	Average	Total	Filter
	Upwind Station Field Blank		T T		Liters	Pore Size
7 5 1 00112010		08/11/2010		0.0	0.00	0.80
FB-2-08112010	Downwind Station Field Blank	08/11/2010	: : :	0.0	0.00	0.80
UW-08112010	Upwind Station	08/11/2010	08:53 19:15 622	2.0	1,244.00	0.80
DW-08112010	Downwind Station	08/11/2010	11 : 45 19 : 55 490	2.0	980.00	0.80
FB-1-08122010	Upwind Station Field Blank	08/12/2010	: :	0.0	0.00	0.80
FB-2-08122010	Downwind Station Field Blank	08/12/2010	: : :	0.0	0.00	0.80
UW-08122010	Upwind Station	08/12/2010	10:32 19:23 531	2.0	1,062.00	0.80
DW-08122010	Downwind Station	08/12/2010	11:00 19:47 527	2.0	1,054.00	0.80
			: :		0.00	
			: :	71.70	0.00	A LANGUAGE AND A LANG
Solid samples may be disposed.	is checked complete will be returned to the			required.		
			y samples are not acco	eptable, reco	ord reasons fo	r rejection.
1		1	VVA		8	6/10 09
	Date / Time	Receive	d By		Da	te / Time
	Date/Time	Received	i By		Dat	e / Time
	Vironmental Ogawa Plaza, Suite 94612 39-0688 39-4350 fer@ngem.com April 12010 FB-1-08112010 DW-08112010 FB-1-08122010 FB-2-08122010 UW-08122010 DW-08122010 DW-08122010 DW-08122010 DW-08122010	Ogawa Plaza, Suife Project Project Tronox L Sep-0688 Sep-4350 Job No. 2027.07 Ser@ngem.com Sep-0688 Sep-4350 Job No. 2027.07 Ser@ngem.com Sep-0688 Sep-4350 Job No. 2027.07 Ser@ngem.com Sep-08112010 Upwind Station Field Blank UW-08112010 Upwind Station DW-08112010 Downwind Station FB-1-08122010 Upwind Station Field Blank FB-2-08122010 Downwind Station Field Blank UW-08122010 Upwind Station FB-1-08122010 Downwind Station DW-08122010 Downwind Station DW-08122010 Downwind Station DW-08122010 Downwind Station DW-08122010 Downwind Station	Again Plaza, Suite Project Tronox LLC 94612 Tr	Asbestos Project TEM Project Project		Asbestos Commencial Comme

Client ID # 2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in #	[4314]

Name / Client / Northgate En		5900 Hollis St., Suite M, Emeryville, CA 94608 (510) 653-0824 - (510) 653-1361 - FAX					
***************************************	Ogawa Plaza, Suite	_ Projec	ct	Asbestos (TEM)	NIOSH 7	400	
510 Oakland, CA	94612	-	Tronox LLC				
				Lead Only			
				Metals			
Tel. (510) 83			70	Mold, Non-V			
Fax (510) 83 E-mail ted.split	ter@ngem.com	Job No. 2027.07		Other (Specify)			
				Number of S			round Time
Micro ID # (For Lab Use Or	nly) Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
I	FB-1-08112010	Upwind Station Field Blank	08/11/2010	:: :	0.0	0.00	0.80
.2	FB-2-08112010	Downwind Station Field Blank	08/11/2010	: : :	0.0	0.00	0.80
3	UW-08112010	Upwind Station	08/11/2010	08:53 19:15 622	2.0	1,244.00	0.80
4	DW-08112010	Downwind Station	08/11/2010	11:45 19:55 490	2.0	980.00	0.80
5	FB-1-08122010	Upwind Station Field Blank	08/12/2010	: :	0.0	0.00	0.80
Ç	FB-2-08122010	Downwind Station Field Blank	08/12/2010	: :	0.0	0.00	0.80
7	UW-08122010	Upwind Station	08/12/2010	10:32 19:23 531	2.0	1,062.00	0.80
8	DW-08122010	Downwind Station	08/12/2010	11:00 19:47 527	2.0	1,054.00	0.80
				: :		0.00	
				: :		0.00	
nstructions / Co	omments:	Fax ✓ E-mail To: ted.sp	olitter@nge	n.com			
mple Return: Y "NO" is checked David T. Behnke	, sond samples may be a spe	is checked, samples will be returned to the best of within three months (one week for l	e client or archived liquid samples, lab	at Micro Analytical if suspensions, and digest	required. ates).		
mpler's Signatu		W-\	Note to Lab: If a	y samples are not acce	ptable, reco	ord reasons fo	r rejection.
David T. Behnke	n	Drop Box / Co		IM		8	16/10 09/
elinquished By		Date / Time	Receive	1By		Da	te / Time
elinquished By		Date/Time	Received	By			te / Time

Page 1 of 2

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 143141

Total Samples 8

Date Sampled 08/11/2010

Date Received 08/16/2010

Date Analyzed 08/16/2010

Sample ID			eld Data	Lab	Data	Fibers / cc	Li	Limits			
Client: FB-1-081	2010						LCL	UCL			
Micro: 143141-01		Time		Fibers	0]	302			
UPWIND STATION FIELD BLAN	К	Rate		Fields	100		LOD	LOQ			
		Liters		F/mm²	< 7.0						
							cv	1.15			
Client: FB-2-081 1	2010				***************************************		LCL	UCL			
Micro: 143141-02		Time		Fibers	0		-52	ODE			
DOWNWIND STATION FIELD B	ANK	Rate		Fields	100		LOD	LOQ			
		Liters		F/mm²	< 7.0		-				
							cv	1.15			
Olient: UW-0811:	010						LCL	UCL			
Micro: 143141-03 KS		Time	622	Fibers	4		0.000	0.007			
UPWIND STATION		Rate	2	Fields	100	< 0.002	LOD	LOQ			
		Liters	1244.0	F/mm²	< 7.0		0.002	0.031			
and the second s							CV	1.15			
Olient: DW-08112	010						LCL	UCL			
Micro: 143141-04 DOWNWIND STATION		Time	490	Fibers	1		0.000	0.009			
DOWNWIND STATION		Rate	2	Fields	100	< 0.003	LOD	LOQ			
		Liters	980.0	F/mm ²	< 7.0		0.003	0.039			
Diient: FB-1-0812			P.O. C.				CV	1.15			
Vicro: 143141-05	2010	Time					LCL	UCL			
JPWIND STATION FIELD BLANI		Rate		Fibers	0						
A THE STATION FIELD DEATH	•	Liters		Fields	100		LOD	LOQ			
		Liters	7	F/mm²	< 7.0						
		-//	·	<u> </u>			CV	1.15			
	garin garant										
	65	/									
Technical Supervisor		_//_	AND THE PERSON NAMED IN COLUMN TWO	8/16/20		Analyst:	KS				
	Frank I	Ra√iola, M	.S.	Date Repo	rted	· · · · · · · · · · · · · · · · · · ·					

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 (LOD) and 1300 fibers/mm2. The 98% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and iowest 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) A65 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 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 report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, inc., shall not be reproduced except in fulf, and pertains only to the samples analyzed. Unless otherwise stated in this famous termination 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 143141

Total Samples 8

Date Sampled 08/11/2010

Date Received 08/16/2010

Date Analyzed 08/16/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: FB-2-08122010 Micro: 143141-06 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LOL UCL LOD LOQ CV 1.15
Client: UW-08122010 Micro: 143141-07 UPWIND STATION	Time 531 Rate 2 Liters 1062.0	Fibers 2 Fields 100 F/mm² < 7.0	< 0.003	LCL UCL 0.000 0.008 LOD LOQ 0.003 0.036 CV 1.15
Client: DW-08122010 Micro: 143141-08 DOWNWIND STATION	Time 527 Rate 2 Liters 1054.0	Fibers 5 Fields 100 F/mm² < 7.0	< 0.003	LGL UCL 0.000 0.008 LOD LOQ 0.003 0.037 CV 1.15

	1				
Technical Supervisor:_	Frank Raviola M.S.	8/16/2010 Date Reported	Analyst:	KS	

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are enalyzed 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 quentification 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 indelings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL: (Concentration + 11.846 x CV x Standard)). Concentrations are field blank-corrected. Time is in minutes, flow rate is in filters 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 not be statistically accurate for actual total times less than 8 hours; zare concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, inc. assumes no responsibility for clienter 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 oreleasing 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 the report.

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

143141

Total Samples 8

Date Sampled 08/11/2010

Date Received

08/16/2010

Date Analyzed 08/16/2010

	Sample ID		Fie	ld Data	Lab I	Data	Fibers / cc	L	imits
Client:	FB-1-08112010				T .			LCL	UCL
Micro: 14314			Time		Fibers	0			
UPWIND STAT	ION FIELD BLANK	-	Rate		Fields	100		LOD	LOQ
		Ė	Liters		F/mm²	< 7.0			
								cv	1.15
Client:	FB-2-08112010							LCL	UCL
Micro: 14314			Time		Fibers	0			
DOWNWIND ST	TATION FIELD BLANK		Rate		Fields	100		LOD	LOQ
			Liters		F/mm²	< 7.0			
								cv	1.15
Olient:	UW-08112010							LCL	UCL
Micro: 143141			Time	622	Fibers	4		0.000	0.007
UPWIND STATI	ON		Rate	2	Fields	100	< 0.002	LOD	LOQ
			Liters	1244.0	F/mm ²	< 7.0		0.002	0.031
- participation								cv	1.15
Olient:	DW-08112010							LCL	UCL
Micro: 143141			Time	490	Fibers	1		0.000	0.009
TS QNIWNWOC	AHON		Rate	2	Fields	100	< 0.003	LOD	LOQ
			Liters	980.0	F/mm²	< 7.0		0.003	0.039
								CV	1.15
Client:	FB-1-08122010		Time					LCL	UCL
Micro: 143141	-U5 ON FIELD BLANK	-	Rate		Fibers	0			
DI WIND STATE	ON FIELD BLANK	***			Fields	100		LOD	LOQ
			Liters	7	F/mm²	< 7.0			
			//					CV	1.15
		and the second							
		1							
Technical	Supervisor:		//_		8/16/20 Date Repo	010	Analyst:	KS	
		Frank Ra	wola, M	.S.	Date Repo	orted			

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101769. 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 Twosided 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 + [1.845 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 TVM data or calculations in the 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' interpretation of any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm2. $N/A \approx not$ applicable.

Page 2 of 2

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 143141

Total Samples 8

Date Sampled 08/11/2010

Date Received 08/16/2010

Date Analyzed 08/16/2010

	Sample ID	Fiel	ld Data	Lab I	Data	Fibers / cc	Lin	nits
Micro: 143	FB-2-08122010 141-06 STATION FIELD BLANK	Time Rate Liters		Fibers Fields F/mm²	0 100 < 7.0		LOD CV	UCL LOQ 1.15
Client: Micro: 143 UPWIND ST		Time Rate Liters	531 2 1062.0	Fibers Fields F/mm²	2 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003 CV	UCL 0.008 LOQ 0.036 1.15
Client: 143 Micro: 143 DOWNWIND	DW-08122010 141-08 STATION	Time Rate Liters	527 2 1054.0	Fibers Fields F/mm²	5 100 < 7.0	< 0.003	LCL 0.000 LOD 0.003	UCL 0.008 LOQ 0.037 1.15

	1				
Technical Supervisor:	Frank Raviola, M.S.	8/16/2010 Date Reported	Analyst:	KS	

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Semples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1984). 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 (LOD) and 1900 fibers/mm2. The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-stedded 5% 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 + 11.645 x CV x Standard). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. B 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 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, dis roquired Quality Cortrot 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 verifiability of results is limited to floes 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 143141

Total Samples 8

Date Sampled 08/11/2010

Date Received 08/16/2010

Date Analyzed 08/16/2010

Sample ID		Field Data	Lab	Data	Fibers / cc	Limits	
Client: FB-1-0811	2010					LCL	UCL
Micro: 143141-01	Tin	ne	Fibers	0			
UPWIND STATION FIELD BLAN	K Ra	te	Fields	100		LOD	LOQ
	Lite	ers	F/mm²	< 7.0			
<u> </u>						cv	1.15
Client: FB-2-0811	2010			. 2004, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,		LCL	UCL
Micro: 143141-02	Tim	ie	Fibers	0			
DOWNWIND STATION FIELD BI	ANK Rat	e	Fields	100		LOD	LOQ
	Lite	ers	F/mm²	< 7.0			
						CV	1.15
Client: UW-08112	j i					LCL	UCL
Micro: 143141-03 KS	Tim		Fibers	4		0.000	0.007
UPWIND STATION	Rat	e 2	Fields	100	< 0.002	LOD	LOQ
	Lite	rs 1244.0	F/mm²	< 7.0		0.002	0.031
						cv	1.15
Dilent: DW-08112						LCL	UCL
Vicro: 143141-04	Tim	e 490	Fibers	1		0.000	0.009
NOITATS DRIWNWOO	Rat	e 2	Fields	100	< 0.003	LOD	LOQ
	Lite	rs 980.0	F/mm²	< 7.0		0.003	0.039
						cv	1.15
Client: FB-1-0812	1				——————————————————————————————————————	LCL	UCL
Micro: 143141-05	Tim		Fibers	0			
JPWIND STATION FIELD BLANI	· ·	-	Fields	100		LOD	LOQ
	Lite	rs 	F/mm²	< 7.0			
No. of the Control of		4				CV	1.15
		/					
Technical Supervisor	:		<u>8/16/2</u>	010 4	mali inte	KS	
a same of the same	Frank Raviola	MC	Date Repo	vtod A	nalyst:		

AlHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Menual 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 floers/mm2. Limits of quantification for optimal procision and accuracy are 100 (LOC) and 1300 fibers/mm2. The 95% UCL and LCI. (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. Intraboratory 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 appropriator 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. B 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 then 8 hours; zero concentration is assumed for remaining time if no Information is given. Micro Analytical Laboratories, inc., shall not be 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. N/A = not applicable.

Page 2 of 2

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

143141

Total Samples 8

Date Sampled 08/11/2010

Date Received 08/16/2010

Date Analyzed 08/16/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: FB-2-08122010 Micro: 143141-06 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LOD LOQ CV 1.15
Client: UW-08122010 Micro: 143141-07 UPWIND STATION	Time 531 Rate 2 Liters 1062.0	Fibers 2 Fields 100 F/mm² < 7.0	< 0.003	LCL UCL 0.000 0.008 LOD LOQ 0.003 0.036 CV 1.15
Client: DW-08122010 Micro: 143141-08 DOWNWIND STATION	Time 527 Rate 2 Liters 1054.0	Fibers 5 Fields 100 F/mm² < 7.0	< 0.003	LCL UCL 0.000 0.008 LOD LOQ 0.003 0.037 CV 1.15

Technical Supervisor: KS 8/16/2010 Analyst: _ Frank Raviola, M.S. Date Reported

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th £d., 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 Twosided 96% 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. B 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; zoro 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 cliente' deviations from any prescribed sampling parameters. Air volumes are based on client date.

The laboratory's verifiability of results is limited to fibers per mm2. N/A = not applicable.