CLEAR FORM SAVE FORM E-MAIL

Relinquished By



Client ID # 2027.07 Name / Client / Address: Northgate Environmental		MICRO ANALYTICAL LA 5900 Hollis St., Suite M, Em (510) 653-4824 - (510) 653	eryville, CA 946	•	Log i		3577
300 Frank H. Ogawa Plaza, Suite 510				(TEM)	NIOSH 7	400	
Oakland, CA S	94612	Tronox L	<u>LC</u>	Asbestos		· · · · · · · · · · · · · · · · · · ·	
Antinophysical action of the Contract contract contract and the contract co	tion for the contract of the first time that the contract of t			Lead Only			
STORY WAS TABLE TO AND TRANSPORT TO BY PROPERTY WAS A STORY WAS TO AND THE STORY OF	listelysteriorete Proprieta anna de Christopher de Christopher de Landers anna de Christopher de Landers de Christopher de Chr	nutr		Metals (Specify)			
Tel. (510) 839				Mold, Non-	Viable		
Fax (510) 839		Job No. 2027,07		Other			
E-mail ted.splitte	er@ngem.com			(Specify)			
				Number of	Samples	Turn-A 3-5 D	around Tim AYS
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-1-08202010	Upwind Station Field Blank	08/20/2010	:: :	0.0	0.00	0.80
	FB-2-08202010	Downwind Station Field Blank	08/20/2010	: :	0.0	0.00	0.80
	UW-08202010	Upwind Station	08/20/2010	20:28 29:29 541	2.0	1,082.00	0.80
	DW-08202010	Downwind Station	08/20/2010	20:59 30:00 541	2.0	1,082.00	0.80
				: ] :	0.0	0.00	
			The second secon	: :	0.0	0.00	
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			N. J. L.	: :		0.00	
CONTRACTOR AND				: :		0.00	
				: :		0.00	The Participations
Instructions / Con Sample Return: YE. If "NO" is checked,		Fax E-mail To: ted.Sp		-	if required.		
David T. Behnken Sampler's Signature		/					
David T. Behnken	726hda	Sal p 15:00 Drop Box / Cou		ny samples are not ac	cepiable, rec	ord reasons fo	r rejection.
Relinquished By	INVICE I	Date / Time	Receive	ed By		Da	ite / Time

Date/Time

Received By

Received By

Date / Time

Date / Time

E-MAIL

388	
Client ID#	MICRO ANALYTICAL LABORATORIES, INC.
2027.07	5900 Hollis St., Suite MI, Emeryville, CA 94608
Name / Client / Address:	(510) 653-0824 - (510) 653-1361 - FAX
Northgate Environmental	(518) 555-5524-(519) 555-1551-1-1-X

Log in #	[14257]	
	VI 10 10 10 10 10 10 10 10 10 10 10 10 10	-

Name / Client / Address:  Northgate Environmental  300 Frank H. Ogawa Plaza, Suite		5900 Hollis St., Suite M, En (510) 653-0824 - (510) 65	-			4	311
		Projec	Asbestos (TEM)	NIOSH 74	00		
510	•	Tronox LLC		Asbestos			
Oakland, CA	94612	•					
- cristatus aidra ristataren eta autoriako eta erren eta erren eta erren eta erren eta erren eta erren eta err		•		Lead Only Metals			
Transferring College of College Service Servic	nggyrinna enn ek alla e prop y de ligyrgyngwardnen da byllig (n.e.) y blir hely de ligender for fel de ligend	-		(Specify)			
Tel. (510) 8				 Mold, Non-V	iable		
Fax (510) 8	39-4350	Job No. 2027.07		Other			
E-mail ted.spli	tter@ngem.com			(Specify)			
				Number of S	iamples		round Time
				4		3-5 DA	AYS
Micro ID # (For Lab Use O	only) Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
O	FB-1-08202010	Upwind Station Field Blank	08/20/2010	:: :	0.0	0.00	0.80
02	FB-2-08202010	Downwind Station Field Blank	08/20/2010	: :	0.0	0.00	0.80
m	UW-08202010	Upwind Station	08/20/2010	20:28 29:29	2.0	1,082.00	0.80
of	DW-08202010	Downwind Station	08/20/2010	20:59 30:00 541	2.0	1,082.00	0.80
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				: :		0.00	
		<u> </u>		0		0.00	
	ioremannis Addition Co. Additio	COLLEGE AND	3000.0000	:   :	American de la companya de la compan	0.00	
			The state of the s	: :		0.00	
L				V	<u> </u>		
Instructions /	Comments:	Fax F-mail To: ted.s	plitter@nge	m.com			
Sample Return: If "NO" is check David T. Behn	ced, solid samples may be disp	S" is checked, samples will be returned to oosed of within three months (one week fo	the client or archive r liquid samples, lat	d at Micro Analytical o suspensions, and dige	if required. estates).		
Sampler's Sign:			Note to Lab: If	any samples are not ac	ceptable, re		or rejection.
David T. Behr	nker / LOON	913 10 15:00 Drop Box /	Courier	N 6	25 10	10:00	
Relinquished By		Date / Time	Receiv	ed By	1	D	ate / Time
Relinquished By	y	Date/Time	Receive	ed By		D	ate / Time

	# Client / Add ate Enviro	ress:	MICRO ANALYTICAL L. 5900 Hollis St., Suite M, Er (510) 653-0824 - (510) 6	neryville, CA 94608	I	Log ir	n#[[]]
***************************************		awa Plaza, Suite	Projec	ct	Asbestos (TEM)	NIOSH 74	400
510	_		Tronox		Asbestos		
Oakiano	d, CA 94	012	-		Lead Only		
					Metals		
Tel. (5	510) 839-		•		(Specify)		
	510) 839-		Job No. 2027.07		Mold, Non	-Viable	
		@ngem.com			Other (Specify)		
			<del></del>			f Samples	<b>Turn-A</b> 3-5 D
Micro III	O# OUse Only)	) Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters
0	K	FB-1-08202010	Upwind Station Field Blank	08/20/2010	:: :	0.0	0.00
02	2	FB-2-08202010	Downwind Station Field Blank	08/20/2010	: :	0.0	0.00
S	7	UW-08202010	Upwind Station	08/20/2010	20:28 29:2	9 2.0	1,082.00
O	4	DW-08202010	Downwind Station	08/20/2010	20:59 30:0	2.0	1,082.00
					: :	0.0	0.00
					: :	0.0	0.00
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					; ;	- CONTROL OF THE CONT	0.00
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				R B			<u> </u>

Date / Time Drop Box / Courier

Date/Time

Sampler's Signature / Name

David T. Behnken Relinquished By

Relinquished By

Date / Time

Date / Time

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

urier 0 25 10 0:00

Received By

Received By

Page 1 of 1

## 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

143577

Total Samples 4

Date Sampled 08/20/2010

Date Received 08/25/2010

Date Analyzed 08/25/2010

Sample ID		Fiel	Field Data Lab Data		Fibers / cc	Limits		
Client:	FB-1-08202010	Time					LCL	UCL
Micro: 14	13577-01	1		Fibers	0			
UPWIND S	STATION FIELD BLANK	Rate		Fields	100		LOD	LOQ
		Liters		F/mm²	< 7.0			
							CV	0.47
Client:	FB-2-08202010						LCL	UCL
Micro: 14	13577-02	Time		Fibers	0			
DOWNWIN	ND STATION FIELD BLANK	Rate		Fields	100		LOD	LOQ
		Liters		F/mm²	< 7.0			
							CV	0.47
Client:	UW-08202010						LCL	UCL
Micro: 14	13577-03	Time	541	Fibers	7		0.002	0.005
UPWIND S	BTATION	Rate	2	Fields	100	0.003	LOD	LOQ
		Liters	1082.0	F/mm²	8.9		0.002	0.036
							CV	0.25
Client:	DW-08202010			-	*****		LCL	UCL
Micro: 14	13577-04	Time	541	Fibers	3		0.000	0.005
DOWNWIN	ND STATION	Rate	2	Fields	100	< 0.002	LOD	LOQ
		Liters	1082.0	F/mm²	< 7.0		0.002	0.036
							CV	0.47

	^	•			
Technical Supervisor:	The	8/25/2010	Analyst:	LM	
,	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 Ed., issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibera/mm2. Limits of quantification for optimal precision and accuracy are 100 (LOD) and 1300 fibera/mm2. The 95% LOL and LOL (Upper and Lower Confidence limits of the Two-ided 95% Confidence Interval) represent the highest and lower concentrations (in fibera/cof) player fiber localings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + 11.845 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 fibera/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; zow concentration is assumed for remaining time it in 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 verifiability 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 143577

Total Samples 4

Date Sampled 08/20/2010
Date Received 08/25/2010

Date Analyzed 08/25/2010

Sample ID		Fie	ld Data	Lab I	Data	Fibers / cc	Limits	
Client:	FB-1-08202010						LCL	UCL
Micro:	143577-01	Time		Fibers	0			
UPWIND	STATION FIELD BLANK	Rate		Fields	100		LOD	LOQ
		Liters		F/mm²	< 7.0			
							cv	0.47
Client:	FB-2-08202010			**************************************	30-11-0-1-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		LCL	UCL
Micro:	143577-02	Time		Fibers	0		ļ	
DOWNV	/IND STATION FIELD BLANK	Rate		Fields	100		LOD	LOQ
		Liters		F/mm²	< 7.0			
							cv	0.47
Client:	UW-08202010						LCL	UCL
Micro:	143577-03	Time	541	Fibers	7		0.002	0.005
UPWIND	STATION	Rate	2	Fields	100	0.003	LOD	LOQ
		Liters	1082.0	F/mm²	8.9		0.002	0.036
							CV	0.25
Client:	DW-08202010				disessioner extensivisticals recognis		LCL	UCL
Micro:	143577-04	Time	541	Fibers	3		0.000	0.005
DOWNW	IND STATION	Rate	2	Fields	100	< 0.002	LOD	LOQ
		Liters	1082.0	F/mm²	< 7.0		0.002	0.036
							cv	0.47

		,			
Technical Supervisor:	711	8/25/2010	Analyst:	LM	
	Frank Raviola, M.S.	Date Reported			

AHA IntLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manuar of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1984). The "A" Rules are used, unless otherwise inched. The limit of detection (LOO) is 7 (Deep and Lower Confidence Limits of the Two-sided 95% Confidence Interval prepresent his highest and for lowest expected concentrations (in Biters/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 + 1-1.845 x CV x Standard). Concentrations are field blank-corrected. Time is in minutes, flow rate is in litters 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 in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to relate the produced 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 min. N. A. = not applicable.